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2021
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- **4K**: Ultra High Definition
- **HD**: High Definition
- **SD**: Standard Definition
- **WW**: Available worldwide
- **VoD**: Video on demand
- **M**: Mobile
- **IFE**: Inflight
- **LR**: Limited rights, please contact your regional distribution partner.

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Reaching for the Stars

Our planet and the life it sustains are the product of cosmic processes. The stars have always fueled humanity's desire for knowledge. Space missions and sophisticated telescopes that reveal distant galaxies, black holes and exoplanets have enabled many groundbreaking insights into fundamental phenomena. Physics, chemistry and biology have all benefited as a consequence. Many technological achievements can be traced back to developments in space travel. During the Cold War the Soviet Union and the United States sparred to claim milestones such as the first satellite in space and the first manned moon landing, but nowadays many teams work together on an international level. Key projects include research into earthlike celestial bodies, manned missions to Mars and the quest to find natural resources in space.

264898 001
Apollo Astronauts – The Best of the Best
Neil Armstrong was the first man to set foot on the moon in 1969. Only 11 other astronauts followed in those footsteps until the end of US moon missions in 1972. How were those fortunate few actually selected?

Documentary, 30 min., 2018, HD; Arabic, English, Portuguese, Russian, Spanish; VoD, M, IFE, LR

264898 002
The Centerpiece of the Apollo Missions – The Saturn V Rocket
The centerpiece of the Apollo missions was the gigantic Saturn V rocket. Without it, there would have been no flights to the moon. Its development was masterminded by Wernher von Braun from Germany. He led a team of more than 200,000 scientists and engineers.

Documentary, 30 min., 2018, HD; Arabic, English, Portuguese, Russian, Spanish; VoD, M, IFE, LR

264898 003
Is There Life Beyond Earth? – Exploring Our Solar System
Scientists are looking for evidence or even proof that there is or has been life elsewhere in the cosmos. They believe missions to Mars and to the moons of Jupiter and Saturn will help them in their quest.

Documentary, 30 min., 2018, HD; Arabic, English, Portuguese, Russian, Spanish; VoD, M, IFE, LR

264898 004
Our Link to the Stars – Cosmic Rays
Life on Earth owes its existence to the stars. And scientists believe that these stars continue to exert an influence on us – through cosmic rays. Research facilities all over the world are exploring just how they affect us and our environment, as well as how they facilitated life in the vastness of the universe.

Documentary, 30 min., 2018, HD; Arabic, English, Portuguese, Russian, Spanish; VoD, M, IFE, LR

264898 005
Living in Space – Fantasy or Imminent Reality?
Manned space flights are expensive and, despite all the technological advances, they are still dangerous. Could it nonetheless be the case that one day people will head off into space not just to conduct scientific research but to settle on other planets?

Documentary, 30 min., 2018, 4K; Arabic, English, Portuguese, Russian, Spanish; VoD, M, LR

264898 006
Aeronautics – What's the Point?
Aeronautics may be very expensive, but it is proving very useful. For example, satellites monitor Earth’s landmasses and oceans, making it possible to identify changes swiftly. They provide evidence that climate change is a reality and that it is caused by humans.

Documentary, 30 min., 2018, 4K; Arabic, English, Portuguese, Russian, Spanish; VoD, M, LR

264898 007
Space Junk – Long Ignored, Now a Major Threat
Debris has been accumulating in space for decades now – old satellites and bits of rockets, for example. All that junk represents a serious and growing risk to spacecraft and satellites. But the responsible agencies on Earth have been slow to face up to the problem, let alone develop ways to clean up space and mitigate the risk.

Documentary, 30 min., 2018, 4K; Arabic, English, Portuguese, Russian, Spanish; VoD, M, LR
Rendezvous for Peace – The Apollo-Soyuz Test Project

It was a historic moment when in 1975 a Soviet and an American spaceship met in space. It was the first such encounter of manned spacecraft from the two nations. The commanders shook hands and became life-long friends. The project was also a milestone in the process of détente as the Cold War drew to a close. Rapprochement in space went more swiftly than on Earth.

Documentary, 30 min., 2019, HD; Arabic, English, Portuguese, Russian, Spanish; VoD, LR

Is There Life Beyond Earth? – Researching Exoplanets

Thanks to super-telescopes on Earth and in space, we now know that most stars in our galaxy have their own planet or planets. Thousands of these exoplanets have already been discovered; there are thought to be billions. Could there be life on any of them? Scientists are searching far beyond our solar system for a "second Earth".

Documentary, 30 min., 2019, HD; Arabic, English, Portuguese, Russian, Spanish; VoD, M, IFE, LR

Microorganisms – Space Travel Stowaways

It’s probably the least-known specialist field in space travel: Planetary Protection. Huge sums are spent on disinfecting spacecraft and equipment in line with stringent regulations. Were terrestrial microorganisms to hitch a ride on a vessel bound for space, they could perhaps contaminate celestial bodies such as Mars. Conversely, if microbes from alien worlds found their way to Earth in rock samples, who knows what that could lead to?

Documentary, 30 min., 2019, HD; Arabic, English, Portuguese, Russian, Spanish; LR

Talking to Extraterrestrials

No man-made objects have ventured further into space than the two American Voyager space probes. Each is carrying a Golden Record – a gold-plated phonograph disc with images, sounds and messages of greeting from Earth. The intended recipients are extraterrestrials intelligent enough to understand them. We’ve also sent interstellar radio signals such as the “Arecibo message” into space. So far, the messages have been met with silence. But what would an answer mean to us?

Documentary, 30 min., 2019, HD; Arabic, English, Portuguese, Russian, Spanish; VoD, M, IFE, LR

Where Will We Live? – The Colonization of Space

Overpopulation, catastrophic climate change or a basic urge to discover new places: There are many reasons why humans may one day seek to make their home far from Earth. This is no longer quite such a distant prospect, as plans are drawn up for colonies on the moon, on Mars, on asteroids and in orbit around the Earth. The challenges are huge. Where might we want to live and where might it really be possible?

Documentary, 30 min., 2019, HD; Arabic, English, Portuguese, Russian, Spanish; VoD, M, IFE, LR
Mission to Mars – Exploring the Red Planet
Missions to Mars are among the most ambitious space programs. Key considerations are the planet’s climate and geology. These factors will determine whether and how manned flights to Mars will be realized. Mars rovers are already sending back breathtaking images of the surface of the Red Planet. Scientists and engineers are working on special devices for probing deep into the ground to locate potential water deposits.

Documentary, 30 min., 2021, HD; Arabic, English, Spanish; VoD, M, IFE, LR

Astronauts in Space – The Challenges of Everyday Life
How do space journeys affect the human body, the senses and the mind? Out in space, astronauts are not only exposed to weightlessness, they’re also immersed in a purely technological environment. There are no natural sounds; there’s no wind, weather or day-and-night rhythm that regulates human metabolism. Although they’re undoubtedly passionate about their work, the space travelers certainly miss their lives back on Earth.

Documentary, 30 min., 2021, HD; Arabic, English, Spanish; VoD, M, IFE, LR

Titan – Saturn’s Earth-Like Satellite
It’s the largest moon to orbit Saturn and has fascinated astronomers for centuries: Titan is wrapped in a dense nitrogen-rich atmosphere containing hydrocarbons and traces of other organic compounds. It’s thought there are large quantities of liquid water beneath the moon’s icy surface. Of all the celestial bodies in our solar system, Titan is regarded as the most Earth-like and many probes have been sent there to find out more.

Documentary, 30 min., 2021, HD; Arabic, English, Spanish; VoD, M, IFE, LR

All Just Fake News? – Myths Surrounding the Moon Landing
NASA’s manned missions to the Moon were a momentous moment in the history of mankind. So much so that doubters subsequently emerged claiming the whole story was nothing but a big hoax. Their theories persist to this day, not least because several details of the photos and archive footage don’t quite add up. What’s really going on here?

Documentary, 30 min., 2021, HD; Arabic, English, Spanish; VoD, M, IFE, LR

Asteroids – A Future Source of Raw Materials?
For years now, engineers, entrepreneurs and investors have been excited by the idea of mining asteroids for raw materials – primarily because it appears to present a solution to the looming prospect of dwindling resources on Earth. But to what extent are such projects possible and reasonable with existing technology? What are their limitations? Are mines on asteroids really just science fiction?

Documentary, 30 min., 2021, HD; Arabic, English, Spanish; VoD, M, IFE, LR
The human heart pumps 8,000 liters of blood around the body every day. Human eyes can differentiate between more than seven million colors. Human skin has thousands of sensors that detect sensations and relay information to the brain. The human brain can store the same amount of information as 20,000 dictionaries. All these statistics show that the human body is quite rightly regarded as a miracle. And not all human capabilities can be expressed in numbers.

264781 002
The Ego... What is it?
Is human consciousness just a neurochemical process? If so, what does that mean for the idea of free will or the human subject or self? Does modern brain research show that it is not the self that decides what we think and want, but rather chemical and physical processes in the neurons? Some philosophers reject such theories. They point to the impact that consciousness can have on the nervous system, for example in the case of the placebo effect.

Documentary, 30 min., 2011, SD; Arabic, English, Spanish; LR

264781 006
The Secret of Healing Powers
A baby is born and survives that doctors think does not stand a chance. A paralyzed cellist returns to the concert stage, even though that is said to be out of the question after four brain operations. Both recoveries were only possible because doctors were prepared, alongside modern medicine, to put their faith in the power of self-healing.

Documentary, 30 min., 2011, HD; Arabic, English, Spanish; LR
The Mysteries of the Brain

The brain is the nerve center of the human body. It is the point where all information from the body and its environment is collected and processed into reactions and memories. Everything we think, say or do is controlled by the brain, as are processes that occur without our conscious input, such as understanding what we are seeing or hearing, feeling joy or fear, or recognizing danger. Researching the workings of the human brain is an even greater scientific challenge than decoding the human genome.

264762 001
**The Brain Pacemaker**
Deep brain stimulation is a treatment that can provide therapeutic benefits to people who have Parkinson's. The method involves placing electrodes at the heart of the afflicted region of the brain via a small hole drilled in the skull. These electrodes restore order to neural activity via electrical pulses. They are connected to a pulse generator implanted below the clavicle or in the abdomen via insulated wires that run beneath the skin.

**Documentary, 30 min., 2010, SD; Arabic, English, Spanish; VoD, IFE, LR**

264762 002
**How We Learn**
The brain never stops learning. It is probably more flexible than we ever imagined. Experiments have shown that when it comes to absorbing information and making decisions, young people are not always at an advantage. Evidence that evolution has programmed the brain to learn is provided by its own internal reward system: learning makes you happy and content, right through to an advanced age.

**Documentary, 30 min., 2010, SD; Arabic, English, Spanish; VoD, IFE, LR**

264762 003
**Nerve Center for Movement**
We need our brain to think and learn. But it is also responsible for controlling our movements. We learn to control our movements through the cerebral cortex. Later, when those movements have become so automatic that we execute them without having to think about them, other regions of the brain take over. But it is not just a case of the brain affecting our movements, movement itself also has an influence on the performance of the brain.

**Documentary, 30 min., 2010, SD; Arabic, English, Spanish; VoD, IFE, LR**

264762 004
**Understanding Pain**
Increasing numbers of people suffer from chronic pain. Latest studies show that such pain is an acquired behavioral pattern, like a program that has been stored by the brain. And once a pain memory has affected the nervous system, it is not easily erased, even with medication.

**Documentary, 30 min., 2010, SD; Arabic, English, Spanish; VoD, IFE, LR**
Doping for the Brain
In a bid to enhance their performance in various activities, many people use prescription drugs developed to treat health problems. That holds not only for physical performance but also for mental functioning. But does 'brain doping' really help? What is certain is that it has negative side effects and can inflict long-term damage.

Documentary, 30 min., 2014, HD; Arabic, English, Spanish; VoD, IFE, LR

Invisible, But Highly Effective: Our Thoughts
We can use our thoughts to control devices and move artificial limbs. Our thoughts even have the power to heal disease. But what are thoughts? Mere brain waves, or something more? The latest neurological research shows that thoughts and feelings belong together, that they influence each other and cannot be understood independently of each other.

Documentary, 30 min., 2014, HD; Arabic, English, Spanish; VoD, M, IFE, LR

Neuromarketing – Tracking Our Decisions
How does a person decide what to spend money on? Do commercials influence behavior? When do ads elicit the intended response, when are they ignored? Neuromarketing deploys psychological and neurological research to answer such questions. For the advertising industry and its clients, the answers are of huge significance and value in developing new strategies.

Documentary, 30 min., 2014, SD; Arabic, English, Spanish; VoD; LR

Puberty – The Brain’s State of Emergency
Puberty is often a challenging time in a family’s life; for both parents and the youngsters themselves. During this phase of growing up, boys and girls watch their bodies change and experience accompanying mood swings. They have to accept that their childhood is coming to an end and that they’re maturing into young men and women. Puberty begins in the head. This is because certain zones of the brain give the green light for an interplay of hormones that fundamentally alters the body.

Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, M, IFE, LR

Criminality – Controlled by the Brain?
Sometimes, after someone has broken the law, he or she might say, “I don't even know why I did it.” We tend to think that this is just an excuse because we humans are in fact always in charge of our actions. But neurologists see it differently. Not only have they discovered that this assessment is way off the mark, they have also found out why some people commit serious crimes. These findings are forcing society and the judiciary to rethink how to call criminals to account and punish them; but also how to help them find their way back to leading a normal life again.

Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, M, IFE, LR

Always On Duty – When the Brain Needs a Break
Our information society – packed as it is with smartphones, tablets and computers – is making ever-greater demands on our brains. Time pressure and too much work can make people ill. Studies show that multi-tasking is ineffective and inefficient: The more tasks someone takes on, the slower he or she becomes and the more prone to making mistakes. Have we reached the point where our brain can no longer process the information coming its way? The answer is yes, say some neurologists, sociologists and IT experts. They recommend: Rebuild your attention span, take breaks, and insist on the right to turn off digital devices. Some go a step further and say: Rather than us adapting to the devices, it’s the devices that should be adapted to our needs.

Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, M, LR
264762  015
**Hypnosis – What’s Happening in the Brain?**
Doctors and psychologists are deploying hypnosis to try to alleviate pain or treat ailments where no organic cause can be determined. Studies have shown that a lower dose of anesthetics is required if a patient has been hypnotized before undergoing surgery. Thanks to modern imaging techniques and major advances in neurology, scientists are also now able to show how the human brain works under hypnosis.
*Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, M, LR*

264762  016
**Man or Machine: Creating an Artificial Brain**
In recent decades cognitive research, neuroscience and imaging techniques have produced fundamental insights into the workings of the human brain. These demonstrate the processing of environmental stimuli, memories and action triggers. Can this knowledge be used to lend awareness to robots and machines?
*Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, IFE, LR*

264762  017
**False Memories: How the Brain Deceives Us**
We often think we can remember particular events in exact detail. This makes it all the more astonishing how frequently our memories are far off the mark. Awareness, the formation of ideas and remembering and forgetting are highly efficient processes within the brain; but sometimes they produce illusions that appear to us to be very real.
*Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, IFE, LR*

264762  018
**Hearing Voices in the Head**
People who hear internal voices are often viewed as sick, disturbed, abnormal or schizophrenic. But from a historical point of view, this is a frequently documented phenomenon with some well-known sufferers. Scientific research into the condition has yielded some surprising insights: brain scans show that those affected do actually perceive the internal voices as an auditory experience. Why does our psyche sometimes speak to us in this way? And at what point is the phenomenon an indication of some form of mental illness?
*Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, IFE, LR*
Science on the Seven Seas

The oceans are the last great unknowns on our planet. We know less about them than we do about the moon. There are many reasons why researchers are making a concerted effort to gather information about the world’s oceans. Concerns include the safety of global shipping traffic, the protection of marine plants and animals, and the search for natural resources. Comprehensive data are urgently needed if ocean resources are to be managed sustainably. And there is much to suggest that the oceans play a key role in the causes and consequences of climate change. Science on the Seven Seas reports on research projects about the mysteries of the deep.

264749 003
Treacherous Giants – Iceberg Research in Canada
Twenty to forty thousand icebergs calve every year from the glaciers of Greenland. One in ten of them then drifts onto one of the world’s most important shipping routes. Scientists from the Canadian Institute for Ocean Technology are working on an iceberg early warning system and looking for ways to protect ships from the floating giants.
Documentary, 30 min., 2010, SD; Arabic, English, Spanish; LR

264749 004
Dangerous Beauties – The Mysterious World of the Jellyfish
Jellyfish reside in all ocean waters, from coastal regions to the deepest seas. Their life-cycle is characterized by extreme transformations. And although some species of jellyfish number among the seas’ most deadly inhabitants, their sheer variety and beauty are a source of fascination. Jellyfish are effective hunters and an important food for many marine animals. Zoologist Gerhard Jarms has been investigating the jellyfish for years.
Documentary, 30 min., 2010, SD; Arabic, English, Spanish; VoD, IFE, LR

264749 005
Teeming with Life – The Coral Sea off New Guinea
The Raja Ampat archipelago is located off the coast of New Guinea. Its waters contain a greater variety of species than the entire Caribbean. An international team of scientists has set out to explore this unique habitat and find out what has caused this huge variety of flora and fauna. They say Raja Ampat must be protected as a world heritage site.
Documentary, 30 min., 2010, SD; Arabic, English, Spanish; VoD, IFE, LR

264749 006
Hidden Giants – Seamounts in the Atlantic
Seamounts are the huge, largely unexplored mountains that rise up from the ocean floor. Some peaks extend beyond the surface of the water and create islands, others almost reach the surface and create areas of relatively shallow water right in the middle of the ocean. The slopes of these seamounts are home to unique ecosystems. European scientists are taking a closer look.
Documentary, 30 min., 2010, SD; Arabic, English, Spanish; VoD, IFE, LR

264749 007
Intelligent Monsters – The Giant Octopus of the North Pacific
Contrary to popular belief, the octopus is a sensitive, adaptable and highly intelligent creature. Biologist Karen Palmer is searching for new insights into these eight-armed cephalopods in the sea around Vancouver Island off the Canadian Pacific coast.
Documentary, 30 min., 2010, SD; Arabic, English, Spanish; VoD, IFE, LR
Foresight

Mankind has always dreamed of being able to see into the future. Scientists try to create things that others might regard as pie in the sky. For example, innovative medical procedures or new industrial materials, intelligent communication technology or revolutionary approaches to environmental conservation. All this is only possible if researchers are independent and creative, and if they have the courage to break new ground. But how much of the research being carried out into futuristic projects is science, and how much of it is fiction? What methods are employed? What are the positive and negative aspects of trying to anticipate the future?

264724 011
21st Century Sport – Performance-Enhancing Technology
Technical equipment in top-level sport is gaining in importance. Research institutes are continually developing new materials and devices to help athletes break records and win medals. Using examples from the world of winter sports, we demonstrate how even small changes in equipment can mean the difference between victory and defeat.
Documentary, 30 min., 2010, SD; Arabic, English, Spanish; LR

264724 015
The Synthetic Materials of Tomorrow
Today’s world would be inconceivable without synthetic materials such as plastic. But crude oil as the basis for most plastics is finite, and non-degradable materials represent a huge environmental problem. So scientists are busy developing bioplastics made out of vegetable matter.
Documentary, 30 min., 2013, SD; Arabic, English, Spanish; LR

264724 021
The Vision of a New Factory
The factory of the future should be efficient, use renewable energy sources and have zero emissions. This is not just a utopian vision. Around the world, thousands of research teams are developing manufacturing technologies that make both economic and ecological sense.
Documentary, 30 min., 2014, SD; Arabic, English, Spanish; VoD, LR

264724 024
Multi-Talented Algae
Algae are miracles of versatility: They absorb CO² from the atmosphere, they can be used as food and as fertilizer, are deployed in cancer research and promise to become a viable alternative to fossil fuels. Researchers are only just beginning to explore the vast potential of these organisms.
Documentary, 30 min., 2014, HD; Arabic, English, Spanish; VoD, LR

264724 025
Refuse as a Key Resource
Our cities generate treasure – concealed in garbage. Rare metals and other scarce materials can be found in old cell phones and cars, but also in derelict buildings. Extracting these materials presents scientists and engineers with a challenge.
Documentary, 30 min., 2014, HD; Arabic, English, Spanish; VoD, LR

264724 026
New Momentum for Trade Vessels
International shipping blasts close to a billion tonnes of carbon dioxide into the air every year, as well as toxic grime and dust. Some studies claim that air pollution from shipping is responsible for up to 50,000 premature deaths per year in Europe alone. Austrian captain Andreas Lackner has joined forces with naval architects to develop a low-emissions sail-powered freighter: a wind-propelled hybrid ship that will only have to switch on its engines when it’s dead calm out on the water.
Documentary, 30 min., 2014, HD; Arabic, English, Spanish; VoD, LR
Humans have always had a thirst for knowledge – whether it be to improve their lives and circumstances or out of sheer curiosity and the urge to get to the bottom of things. Without scientific discoveries, humanity would not have evolved at such a rapid pace. Life as we know it today would be unthinkable without the knowledge we gain through science and scholarship. Innovations and new insights are integrated into our lives in ever quicker succession. We watch scientists, engineers and inventors as they look for ways to increase human knowledge. These fascinating films accompany them in their Quest for Knowledge.

264700 015
**Expedition to the Bleeding Lake**
Lake Alat in southern Germany may not appear to be anything special – but descend 16 meters below the surface and you will see a deadly purple-colored cloud. This is a layer of sulphur-processing bacteria. There is no oxygen below this layer, and the water is extremely acidic. An expedition takes a closer look at the causes of this unique natural phenomenon.

Documentary, 30 min., 2010, SD; Arabic, English, Spanish; LR

264700 016
**The Secret Reserves of Top Athletes**
“Faster, higher, further” is the motto of world-class sport. But in many disciplines, the unremitting drive to break records appears to be exceeding the limits of human capacity. The last reserves of sportsmen and women are mobilized by the latest high-tech methods of performance appraisal and optimization – but also by gene doping and other illegal practices.

Documentary, 30 min., 2010, SD; Arabic, English, Spanish; LR

264700 017
**The History of the Climatee**
A lot of research is going on into the history of the climate – to understand the past and even to try to predict the future. Researchers are analyzing samples taken from the heart of Greenland’s glaciers, ice that serves as an environmental archive stretching back more than 100,000 years. Scientists are also looking for records in libraries and archives – and scouting some of the oldest cities in Europe for telling clues.

Documentary, 30 min., 2010, SD; Arabic, English, Spanish; LR

264700 018
**The End of the Line for the Fishing Industry?**
The global demand for fish has doubled since 1980. Now half of the world’s stocks have been fished to their limits, while a quarter is thought to have been over-fished. If things carry on like this, commercial fishing could grind to a halt by 2050. Scientists are looking for ways to avert such a scenario – but policy makers rarely heed their advice.

Documentary, 30 min., 2010, SD; Arabic, English, Spanish; LR

264700 019
**Climate Change – A Threat for Historic Buildings**
Climate change is a threat not only to people, animals and plants, but also to monuments. By conducting a series of complex experiments, scientists hope to discover more about the effects of extreme temperature fluctuations and to find new ways to protect murals, valuable furniture and other historical objects.

Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR

264700 022
**Communication Without Words – The Language of Facial Expressions**
A furrowed brow, a beaming smile, a twitch of the nose – our face is talking every second, even if we are not saying anything. It can produce more than 10,000 different expressions – with just eight facial muscles.

Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR
264700 033
Don't Panic! – How to Control Crowds of People
If crowds of people start to panic, this can quickly become dangerous. Scientists, engineers and rescue services are teaming up to find ways to evacuate public places as swiftly as possible in the event of an emergency.
Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR

264700 036
Europe's Giant Elephants – Exploring a Lost Biotope
120,000 years ago, giant elephants roamed the plains of Europe. A spectacular archaeological find in Germany reveals a great deal about the fauna and climate of that era, during which early humans tried to assert themselves over the animal kingdom.
Documentary, 30 min., 2013, HD; Arabic, English, Spanish; LR

264700 037
The Earth's Sensitive Surface
Biological crusts of mosses, lichens and cyanobacteria cover vast areas of the Earth's surface like a skin. They protect against erosion and destruction – and act as a brake on global warming to a much greater extent than previously thought. But much too little is known about these sensitive layers.
Documentary, 30 min., 2013, HD; Arabic, English, Spanish; LR

264700 038
Bionics – Is Nature the Better Architect?
Scientists are increasingly examining how complex technical problems are solved in the natural world. Their field of research is known as bionics. Looking at nature’s solutions is especially worthwhile when exploring durability and load-bearing structures. How, for example, can sensitive electronic products be transported to customers in a secure and environmentally-friendly way?
Documentary, 30 min., 2013, SD; Arabic, English, Spanish; LR

264700 043
Water – The Emergent Energy Source
Hydropower is the most reliable form of regenerative energy. Engineers are currently testing completely new concepts for its use. For example, they are designing power stations that harness mountain streams or that run effectively on small amounts of water falling from low drop heights.
Documentary, 30 min., 2013, SD; Arabic, English, Spanish; LR

264700 044
The Silent Demise of a Species
Around a third of the world's 5,000 species of amphibian are endangered. Scientists only have a limited understanding of why this might be the case. In Cameroon, two German tropical marine ecologists have spent years conducting research into around 100 indigenous species of frog.
Documentary, 30 min., 2013, HD; Arabic, English, Spanish; VoD, M, IFE, LR

264700 045
Southern Italy – Understanding Volcanoes
Vesuvius, Etna and Stromboli are among the most intensively explored and monitored volcanoes in the world. Researchers want to be able to predict eruptions more precisely, but this is proving to be difficult. Nevertheless, their work on the volcanoes of southern Italy is helping colleagues in other regions.
Documentary, 30 min., 2013, HD; Arabic, English, Spanish; VoD, LR

264700 047
Tree Protection – Finding Ways of "Fingerprinting" Wood
Illegal logging and the illegal trade in timber are destroying many of the world’s forests. Scientists are trying to develop ways of identifying wood according to its type and origin. They hope that this will help to crack down on the destructive activities of crooks and smugglers.
Documentary, 30 min., 2013, HD; Arabic, English, Spanish; VoD, IFE, LR

264700 048
Storm Research – How Meteorologists are Working to Make Flying Safer
Extreme weather represents a risk to aeroplanes and those on board. Researchers are trying to gain a better understanding of storms in order to try to minimize the danger. German scientists have developed software that is able to predict storms at short notice. The next big step will be to convey these warnings directly to the cockpit via datalink.
Documentary, 30 min., 2014, HD; Arabic, English, Spanish; LR

264700 049
Eco-Friendly Chemistry
Almost 90 percent of all chemical industry products are derived from mineral oil. But what will happen when oil reserves run out? Since the early 1980s, the German chemist and entrepreneur Hermann Fischer has focused his attention on the potential of plants. His research has shown that the resins, oils, starches and pigments in plants can replace all petrochemical products.
Documentary, 30 min., 2014, HD; Arabic, English, Spanish; VoD, M, IFE, LR

264700 050
When the Earth's Magnetic Field Waxes and Wanes
The earth's magnetic field doesn't just help us to navigate with a compass, it also protects our planet from space radiation and cosmic storms. But the field has weakened significantly in recent years. What are the potential consequences of this for humankind? Is there reason to fear a catastrophe?
Documentary, 30 min., 2014, SD; Arabic, English, Spanish; LR
How Animals Feel
A rat frees another rat from a cage. An elderly chimpanzee adopts an orphaned baby monkey. Two elephants help one another find food. Do such displays of empathy and altruism show that animals are capable of moral behavior? And if this gives them advantages in the battle for survival – does this mean morality is a product of evolution?
Behavioral biologists are taking a fresh look at how animals feel, and how they act upon their feelings.

Documentary, 30 min., 2016, HD; Arabic, English, Spanish; VoD, IFE, LR

Merapi – Java’s Mountain of Fire
Mount Merapi on the Indonesian island of Java is one of the most active and dangerous volcanoes in the world. It has claimed the lives of thousands of people over the past 100 years. The risk of a major new eruption with potentially global consequences is high. Researchers are trying to understand Merapi’s dynamic system.

Documentary, 30 min., 2016, HD; Arabic, English, Spanish; VoD, IFE, LR

264700 056
Adrenaline – The Addictive, Lifesaving Hormone
Adrenaline is a multifaceted hormone. At times of great physical or psychological stress, it swiftly adjusts our cardiovascular system and metabolism to the new situation. But it can also be addictive. In the case of extreme sportsmen and women, some even put their lives on the line in pursuit of new heights of stimulation.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; VoD, IFE, LR

264700 059
Animals as Early Warning Systems
Scientists have observed changes in the behavior of goats close to the volcano Mount Etna in Italy several hours before an eruption. This would give the local authorities enough time to warn people living nearby. Can the behavior of other animals in other parts of the world serve as reliable predictor of dangers or even epidemics?

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; VoD, IFE, LR

264700 062
A Vision of a Zoo to Preserve Wildlife
Zoos are often viewed as “animal prisons”, even though these days most zoo animals are born in captivity and many zoos take great care to ensure the enclosures are spacious and emulate natural habitats as far as possible. The World Association of Zoos and Aquariums works to ensure that nature conservation and biodiversity are a priority, and that zoos keep the public informed and aware of these issues. Are modern-day zoos managing to meet these challenges?

Documentary, 30 min., 2016, HD; Arabic, English, Spanish; VoD, M, IFE, LR
Rare Earth Metals – The Future of High-Tech Elements
Modern life would be inconceivable without rare earth metals. These are an essential component of high-tech products such as smartphones and hybrid cars. But mining these 17 elements is usually both expensive and damaging to the environment. Efforts are underway to find greener ways to produce the problematic metals, to recycle them intelligently and to replace them altogether.

Documentary, 30 min., 2016, HD; Arabic, English, Spanish; VoD, IFE, LR

Medicine of the Apes – The Jungle Pharmacy
Animals tend to eat particular plants when they are ill. In the Democratic Republic of Congo, a German biologist has analyzed what bonobos choose to eat. Her findings are of interest to the pharmaceuticals industry, as these plants could yield substances with which to create new drugs. But the bonobos are a species under threat, and what we can learn from them might soon be lost forever.

Documentary, 30 min., 2016, HD; Arabic, English, Spanish; VoD, M, IFE, LR

Black Holes – Investigating the Phenomenon
Black holes are not only fascinating to sci-fi writers, but also beguiling to scientists. They are mysterious and they cannot be observed directly. Increasingly sophisticated technology is enabling astronomers to explore uncharted areas of space, giving them new and profound insights into the universe and its history.

Documentary, 30 min., 2016, HD; Arabic, English, Spanish; VoD, IFE, LR

Light Pollution – The Disappearing Darkness
The Earth is becoming ever brighter. But too much artificial light at night can negatively affect the wellbeing of people and animals. Scientists are concerned at what they say are rising levels of light pollution. Is there anything that can be done, without plunging us into darkness? What steps can be taken to make our artificial lighting more sustainable and kinder to our health?

Documentary, 30 min., 2017, HD; Arabic, English, Spanish; VoD, IFE, LR

Mining on the Ocean Floor
On the floor of the Pacific Ocean, at a depth of four kilometers, there are vast reserves of manganese nodules. These contain many rare metals used in the manufacture of electronic devices. There are fears that extracting these metals could disrupt natural marine rhythms and threaten an ecosystem that we still don’t really understand. Scientists are hoping that their research will ease the impact of deep-sea mining on the environment.

Documentary, 30 min., 2017, HD; Arabic, English, Spanish; VoD, IFE, LR

Leaving Nothing to Chance?
Researchers base a whole variety of prognoses on the tide of data generated by advancing digitalisation. Predictive analytics uses data mining to create algorithms to predict trends in society and individual preferences. Such algorithms are of great interest both to the business world and to governments and their intelligence agencies.

Documentary, 30 min., 2017, HD; Arabic, English, Spanish; VoD, IFE, LR

Trust Your Gut
Our intestine is like a second brain: What’s known as the enteric nervous system surrounds the entire organ, permanently sending information to the brain and influencing our emotions. Now researchers have discovered that humans fall into three different intestinal groups or enterotypes. Like blood groups, these are not linked to gender, age or ethnicity. The discovery has led to promising developments in the treatment of intestinal disorders and in nutrition research.

Documentary, 30 min., 2017, HD; Arabic, English, Spanish; VoD, IFE, LR

The Decline of Alpine Glaciers
Glaciers are places where the effects of climate change can be seen and measured on a daily basis. The retreat of glaciers in the Alps has been far more rapid than scientists had predicted. This is due to the exacerbation of global warming by local factors. The changes not only impact the Alpine ecosystem. Permafrost holds rocks and scree in place. If it melts, the results could be devastating.

Documentary, 30 min., 2017, HD; Arabic, English, Spanish; LR
264700 071
**Dangerous Dust from the Desert**
Dust storms occur primarily in arid regions of the world. As much as five billion tons of fine particles are whipped up into the air by high winds every year. This results in the affected soil losing its fertility. Dust storms are a danger to human health, crops, transport and technical equipment. Why do dust storms happen? And is there anything we can do to stop them?  
*Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, IFE, LR*

264700 072
**The Hidden World of Fascia**
For a long while, fasciae were considered insignificant – but today we know that the soft connective tissue encaases the parts of the human body like a fine mesh, interpenetrating and surrounding all internal organs, even veins and the brain. It forms a whole-body network that helps stabilize the body and keep it upright. Interest in the role of fasciae in a range of ailments is growing. They are also central to some new approaches to medical therapy.  
*Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, IFE, LR*

264700 073
**Microplastics in the Ocean**
Most plastics never disintegrate, but are simply broken down into increasingly smaller particles until they are invisible to the naked eye. In the oceans, microplastics present a particular problem: What happens to them? Are they eaten by marine organisms? Are they buried beneath the seabed? And what are the effects if they enter the food chain?  
*Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, IFE, LR*

264700 074
**Measuring Emotion**
Scientists are working on technology to analyze and interpret facial expressions, language and gestures. They are developing avatars that can register emotions in humans and respond “sensitively”. “Empathetic” robots already serve as teachers’ aids. Data goggles convey their wearer’s feelings in real time. What impact will such technologies have?  
*Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, IFE, LR*

264700 075
**Expedition to the Arctic**
The “Vagabond” is a 15-meter research vessel with a shallow draught. The little yacht is home to the French captain Eric Brossier and his family. Scientists from all over the world charter it for their projects. For example, the climatologist Jochen Halfar, who researches the development of sea ice over the last millennium in the Arctic Ocean between Greenland and Canada.  
*Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, IFE, LR*

264700 076
**The Secrets of the Molnár János Cave**
There’s an extraordinary and little-known subterranean realm in the heart of the Hungarian capital Budapest – a system of water-filled caves known as the Molnár János Cave, which extends over several kilometers. Only experienced divers are allowed to enter. The cave is prized by scientists in several fields because it contains fossils, rare and even unique species of flora and fauna, as well as intriguing mineral deposits. The cave provides an insight into the region’s geological past and poses interesting questions about evolution.  
*Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, IFE, LR*

264700 077
**Blood in Short Supply**
Blood is the elixir of human life and an increasingly scarce commodity. This is because blood donation rates are down despite an increase in need. Researchers and doctors are searching for solutions. One approach is to reduce the number of transfusions. Another, to glean a substitute for human blood: from lugworms, for example, or stem cells.  
*Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, IFE, LR*

264700 078
**Insects: Superstars of Bionics**
There are more than a million known species of insect in the world. Sometimes, their talents are akin to superpowers. Bionics is a science that examines ways to apply biological structures and processes to modern technology; for example, you’ve never seen an ant traffic jam. And the Asian harlequin beetle has the most efficient immune system in the world. Two examples of how insects can help us to solve contemporary problems.  
*Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, M, IFE, LR*
Intoxicated Animals

Humans aren’t the only consumers of alcohol. Many animals also regularly indulge, and even seem to sometimes enjoy the effects. But can they also get addicted? And does alcohol have the same effect on everybody and everything? Researchers from a variety of fields have been observing alcohol consumption in animals in a bid to gain new insights into the possible prevention and treatment of alcoholism in humans.

Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, M, LR

The Dangers of the Acid Ocean

The oceans of the world are absorbing more and more carbon dioxide, making them increasingly acidic. What impact is this having on marine life? Will it be able to adapt to this global change? Or will the creatures of the seas gradually disappear? Time may be running short, so marine biologists are urgently searching for ways to ensure their continued existence.

Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, M, LR

Soil – Bursting with Life

Science today knows more about the moon than the earth beneath our feet. Research has only been conducted on a tiny fraction of the innumerable life forms that populate the upper layers of our soil. It’s estimated that 70 percent of still unidentified species live in the earth. Earth is itself a living structure, formed by a vast number of organisms and complex interactions. Not only do animals, plants, fungi, bacteria and viruses live in the earth – they also create it.

Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, LR

Bacteria: Life on the Seabed

2,000 meters below sea level it’s dark, water pressure is extremely high and undersea springs spew boiling hot water containing toxic substances. These hostile conditions do not deter bacteria, which flourish and form the basis for rich ecosystems with innumerable higher organisms. What is the relationship between these life forms? And what conclusions can be drawn concerning the significance of bacteria for human existence?

Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, M, LR

The Amazing World of Spiders

Spiders are everywhere we go, they’re around us all the time as we go about our daily lives, but they’re often not very popular with their human cohabitants. Maybe that’s why we haven’t wanted to know all their secrets. For example, few people are aware that some spiders can fly, some can live underwater, while others spit or dance. And so far, no one has managed to invent a technical material with the same incredible qualities as spider silk.

Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, M, LR
264700 084
Life Deep Below the Ground
The soil’s uppermost layers are the most biologically active. Until recently, scientists assumed that extreme conditions in deeper layers made the existence of life improbable. But this does not appear to be the case. New research shows that life forms can also be found deep below the surface of the Earth – and that their interaction with rock is more complex than previously thought.
Documentary, 30 min., 2019; Arabic, English, Spanish; VoD, LR

264700 085
Octopuses – Masterminds of the Seas
Some of them have nine brains and three hearts. They have eight legs and a sharp beak, but no bones. Their eyes can make up nearly a quarter of their body weight. And they are able to change the texture and color of their skin. Quite apart from their astonishing physical qualities, there is more: octopuses are among the most intelligent creatures on the planet. We know this from numerous scientific tests performed on a variety of octopus species.
Documentary, 30 min., 2019; Arabic, English, Spanish; VoD, LR

264700 086
Shipwrecks – Ticking Time Bombs From World War II
It’s thought that 6,300 Second World War shipwrecks lie off the coastlines of the world. They’ve been corroding in the water for more than 75 years, all the while turning into ticking time bombs: scientists believe they contain up to 15 million tons of toxic oil. They pose a huge threat to beaches around the former wartime sites, endangering both biodiversity and tourism. It would be technically possible to pump out the oil – but difficult and expensive. The problem is mostly ignored, even though many of the sunken ships are already leaking oil. Experts warn that the wrecks are entering a critical phase: after corroding for so long in salty water, the slightest impact could be enough to breach their steel hulls.
Documentary, 30 min., 2019; Arabic, English, Spanish; VoD, IFE, LR

264700 087
Science v. the Zika Virus
The Zika virus was first isolated in 1947 in monkeys in Uganda. The first human infections were identified there too, then a few more in Africa and southeast Asia. Only 14 cases in humans were recorded before 2007. So it came as a shock when an outbreak of the virus spread through the Americas, a number of Pacific islands and southeast Asia in 2015. Zika virus disease is generally mild, but an infection during pregnancy can cause serious birth defects. Rarely, it can cause Guillain-Barré syndrome, a neurological disease. Researchers are trying to establish what led to the sudden epidemic and how the virus can cause such damage.
Documentary, 30 min., 2019; Arabic, English, Spanish; VoD, IFE, LR

264700 088
Plants: Can They Think and Feel?
A small but growing number of scientists have introduced the world to a new field in recent years: the neurobiology of plants. Their research challenges the traditional boundaries between the plant and animal kingdoms. They say that plants are able to perceive their environment and react to it. Electrical and chemical signaling appear to play important roles, resembling signal processing in animals. So are plants able to think and feel?
Documentary, 30 min., 2019; Arabic, English, Spanish; VoD, IFE, LR
The Healing Power of Cuddles: Why Touch is Healthy
Humans are social beings and need the company of other humans. Physical contact with other members of the species is also known to be very important. But some scientists go one step further: they say we need to be touched and even cuddled to stay healthy. There is a wealth of evidence to show that people who spend long periods in physical and mental isolation are more likely to succumb to illness. After all, touch is the first sense we acquire and the last to diminish when we age.

Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, IFE, LR

Expedition to the Unknown: Isla Madre de Dios
The uninhabited Isla Madre de Dios is an island of about 1,000 km² in the Chilean part of Patagonia. To this day, the island is truly terra incognita and one of the Earth’s most isolated places. Efforts to secure UNESCO’s recognition of the island as a World Natural Heritage Site have been underway since 2016. We accompany speleologists, geologists, botanists, biologists and divers on a challenging scientific research expedition to the island.

Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, IFE, LR

Testosterone: The Aggression Hormone?
Testosterone is the primary male sex hormone. It is often said that under its influence, men are driven by instinct and aggression. But recent studies tell a different story, finding that testosterone enables men to act strategically and promotes social behavior – even if that is aimed at boosting their own status. Conversely, the hormone is also influenced by social status and individual personality. The basic equation “testosterone equals aggression equals power” simply doesn’t add up.

Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, IFE, LR

Avalanches in the Era of Climate Change
They can be hugely destructive and deadly. Avalanches kill around 100 people every year in the European Alps alone. Dendrologists, meteorologists and statisticians are looking for ways to spot the emergence of an avalanche in good time. The effects of climate change are making it even harder to model the risks. Undeterred, researchers are working tirelessly to develop early warning systems.

Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, IFE, LR

Mona Lisa: The Woman Behind the Portrait
It may be the most famous painting in the world but it remains shrouded in mystery. The portrait by Leonardo da Vinci, exhibited in the Louvre in Paris, depicts a woman with an enigmatic smile and a captivating gaze. It is generally thought that the subject is Lisa del Giocondo, the wife of a wealthy Florentine merchant. But if so, why did the painting not end up in the possession of the merchant? Could it be that the Mona Lisa depicts someone else?

Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, IFE, LR
Tsunamis in Lakes

Tsunamis don’t just emerge in seas but also in lakes, especially in mountainous areas. For example, the Swiss city of Geneva was devastated by a tsunami back in the year 563. Geological studies show the potential for a similar catastrophe in the very same location. Scientists from Switzerland and Germany use earthquake simulators and 3D models to assess the scale of the danger and plan the emergency response.

Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, M, IFE, LR

The Power of Empathy

The ability to empathize with others distinguishes humans as social beings. Neuroscientists have discovered that this ability has three dimensions: Recognizing the feelings of others, understanding the reasons for those feelings and putting oneself in the other’s place. Only the first dimension is fundamental and innate, they argue. The reading of emotions and the understanding of intentions enable us to help others, but also to manipulate them. In this regard, we are shaped by our education and sense of morality: The choice is ours.

Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, M, IFE, LR

Continental Shelf Research: Selling Out for Political Gain

The oceans are a habitat for fauna and flora and are crisscrossed by shipping routes. In them and beneath them lie huge amounts of valuable natural resources. Most belong to all of us and their utilization is regulated by international law. But since the 1990s, the law stipulates that the right of a coastal nation to explore and exploit the sea’s natural resources depends on the size of its continental shelf. Now, many countries are going all out to maximize their share of seas. They commission geologists, cartographers and biologists to determine the size of their continental shelf in an opaque process with no channels for appeal.

Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, M, IFE, LR

The Gene-Editing Revolution

Since 2012, scientists have been editing DNA using a method known as CRISPR Cas9 – and applying it with increasing frequency. As ever, there are two sides to the coin. On the one hand, the method could lead to medical breakthroughs such as the eradication of Malaria and HIV, or a cure for genetic diseases. On the other, somewhere down the line it could facilitate the production of “programmed” animals or even humans. A development with unforeseen economic and ethical consequences.

Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, M, IFE, LR

The Wonder of Love – Let’s Get Chemical

Love is more than just a feeling. Like eating and drinking, it’s an instinct that’s essential for survival and the result of complex biochemical processes. Like animals, human beings seek out their partners through scent. When a mother sees and touches her baby, her brain releases the hormone oxytocin, which in turn promotes bonding. Love makes social coexistence possible – for humans and animals. Because love is first and foremost biochemistry, it can affect the body of each and every individual. We really can get “lovesick”.

Documentary, 30 min., 2021, HD; Arabic, English, Spanish; VoD, M, IFE, LR
Rising Waters: Getting the Predictions Right
As ice caps melt and global sea levels rise, we need to work out where, how and when the impact of these changes will be felt. Political decisions with dramatic implications for society and ultimately the survival of millions of people in coastal regions depend on such prognoses. This places a huge responsibility on researchers as they interpret complex, dynamic data. Our ability to deal with the consequences of climate change relies on the accuracy of their forecasts. How do they deal with this pressure? And how much time do they have left to find solutions?

The Science Behind the Lie
Lying is a highly sophisticated accomplishment of the mind that can be observed in both humans and animals. Researchers have determined that everyone lies every single day. But when does a lie cross the line into dangerous territory? And how do we recognize lies? The cognitive capacity to lie also includes the ability to unmask liars. Researchers are claiming it is now possible to measure lies. Is there a formula for reliably detecting a liar?

The Secret Power of Scents
We’re constantly surrounded by scents of all different kinds. But we know relatively little about how they affect us. We know that smells influence our emotions. They can also heal – and not just when we breathe them in. This is because the nose isn’t our only olfactory receptor. Even cancer cells react to particular smells. And researchers believe that essential oils can stem bacterial growth.

The Anthropocene
Humans have inflicted such dramatic and rapid change on the Earth since the mid-20th century that some leading scientists are now describing the current geological epoch as the Anthropocene. Humankind’s devastating interference in the cycles of nature is transforming the world. The Anthropocene impacts our planet in a number of ways including global warming and an accelerated rate of species extinction. If we are to conserve the basis of our existence, we must try to reverse the consequences of our own activities. What role can science play in the process?
Know it! is DW Transtel's magazine all about knowledge. Do you know what factors influence climate change or what impact it has on humanity? Are you aware of the questions currently being researched by scientists? How much do you know about energy and the environment? Do you keep up-to-date with the latest developments in transport technology? Do you keep track of health and medical advances? And did you know...

All over the world, scientists are working to increase our knowledge. Engineers develop practical applications for new discoveries; their research makes it possible for people to embrace the future. Those equipped with greater knowledge have a better chance of solving problems, improving living conditions and curing diseases, and, ultimately, of securing the survival of humanity as a whole.

Know it! brings you magazine-length reports packed full of information on science, technology and everyday phenomena. Know it! lets you in on the latest developments and discoveries from all over the world. If you’re curious about the world around you, just tune in and Know it!

**SAMPLE EPISODE 30 MINUTE VERSION**

**Bees & Robots**

Swarms of insects, schools of fish and flocks of birds constantly exchange information, and that allows them to coordinate group and individual behaviour in many situations. Now biologists and computer scientists are working on robots that can directly communicate with bees.

**Fuel from Hay**

Many of the biofuels developed in the last few decades are based on materials that are also used as foodstuffs. Now in Spain, a group of chemists and biologists have worked out a process to convert ordinary hay into butanol.

**A Sustainable City Hall**

It’s no simple task to construct an office building that’s both good for the environment and for the people who work in it. But the new city hall in the Dutch city of Venlo shows that it’s possible – and that it pays off in major, unexpected ways.
The Future of Architectural Design
Innovations like sensor technology and IT are changing the face of the structures we design. New discoveries in the material sciences are already dramatically influencing the options for the next generation of young architects.

Cleaning Wastewater with Algae
Processing wastewater is a major challenge that costs a lot of energy and money. Increasingly, scientists are looking to algae and cyanobacteria-based solutions to provide answers, because they require little energy input and can produce valuable raw materials.

Smart Mining in the 21st Century
Until now, mining raw mineral resources has required extensive, complex assay work that often didn’t make the process any less of a guessing game. Now computer tomography and other modern methods are speeding things up, and making guesswork much more reliable.

The Fishing Industry: Climate Change Challenges
Bodies of water are warming up all over the planet, and that’s having an effect on fish stocks and marine life in general. Some populations explode, while others are being wiped out. A European project in the field is working on providing guidelines.

Zero-carbon Cellulose Production
Factories that process wood products are mostly interested in the trunk of a tree. One company in Finland on the other hand has turned to using its bark and other wood waste as an energy source, and now produces more energy than the factory consumes.

Nose and Knee
Cartilage damage in the knee is a very common injury that can have significant long-term effects on quality of life. A team of doctors in Austria is now looking at whether quick-growing cartilage from the nose can be used to repair damage to the meniscus.

Exploiting jellyfish
‘Jellyfish blooms’ are an increasingly common phenomenon along many coastlines, where they cause huge problems for both the tourism and fishing industries. Can the animals be harvested and used to make useful products? Scientists are looking closely at the idea.
Totally Phenomenal

There is usually something unknown and exciting behind even the most everyday things – one simply has to take a closer look. And that is what Totally Phenomenal does. The series answers everyday questions about the realms of physics, chemistry, biology and geography. In each 15-minute program, a fascinating phenomenon is presented and explained with the help of models or 3D-animations. The programs also focus on the ways discoveries and inventions are used, thus creating a real-life connection for the viewers.

244680 001
**Rays Create Transparency**
From the detection of X-rays and the history of its various applications to computer-aided-tomography and X-ray screening at airports, the report highlights the importance of these invisible rays.
Documentary, 15 min., 2007, SD; English, French, Spanish; LR

244680 002
**Satellites Show the Way**
This program explains how a satellite based global positioning and navigation system works and how it is used for supporting air traffic control, navigation systems for cars or for locating ships worldwide.
Documentary, 15 min., 2007, SD; English, French, Spanish; LR

244680 003
**Waves that Warm**
Animals and humans alike are able to absorb and make use of the sun’s infrared radiation via their skin. In the past, the sun was responsible for a natural greenhouse effect. Now, a human contribution, pollution, may have a snowball effect and lead to dramatic changes.
Documentary, 15 min., 2007, SD; English, French, Spanish; LR

244680 004
**Super Eyes**
Being able to see – an important aspect of evolution. But different eyes function and see things differently. We show you fascinating images of what the world looks like from the perspectives of worms, flies or birds of prey.
Documentary, 15 min., 2007, SD; English, French, Spanish; LR

244680 005
**Super Noses**
Who has the best nose in the animal kingdom? How can the nose distinguish various scents? What do the odours of perfumes and diapers have in common? This program addresses all the questions from the world of smells.
Documentary, 15 min., 2007, SD; English, French, Spanish; LR

244680 006
**Super Ears**
Ears usually make it easy to find the organ with which animals receive sound waves. But there are less obvious ways in which some creatures “hear”, or convert those sound waves into signals. Some of these vary greatly from animal to animal. Nature holds a number of surprises.
Documentary, 15 min., 2007, SD; English, French, Spanish; LR

244680 007
**The Trail of DNA**
Genetic fingerprints are unique and can be extracted from the smallest skin particles or tiny hairs. DNA determines not only biological development, but also – in criminal investigations, for example – can place someone at the scene of a crime. DNA also provides information on who is related and who is not.
Documentary, 15 min., 2007, SD; English, French, Spanish; LR

244680 008
**Invasion of the Viruses**
Experts sound the alarm. A new strain of an influenza virus may cause a pandemic. In a worst case scenario a type of influenza virus, hitherto only fatal for animals, could mutate and become a threat for humans. Do vaccinations offer sufficient protection from a pandemic?
Documentary, 15 min., 2007, SD; English, French, Spanish; LR

244680 009
**Pretty Windy**
Wind can be a very destructive force, but can also be harnessed for good, in yachting or for windmills. This programme explains the basic mechanisms at work, when breezes become blasts and gusts become gales. A closer look at one of the driving forces behind changing weather conditions.
Documentary, 15 min., 2007, SD; English, French, Spanish; LR

244680 010
**Mr Jonas Dives into the Depths**
Mister Jonas fears depth. Diving? No thank you. No air to breathe, pressure on the ears, blurred vision and the threat of nitrogen narcosis. How do animals cope with this hostile environment? Mister Jonas takes a diving course and loses his fear of the deep.
Documentary, 15 min., 2007, SD; English, French, Spanish; LR
A Glimpse into Space
Satellites and powerful telescopes provide us with an exhilarating window on space – there we see stars explode, new ones being born, and black holes devouring anything that comes too close. It’s a spectacle that can teach us something about our origins.
Documentary, 15 min., 2008, SD; English, French, Spanish; LR

The Sense of Touch
Touch is one of the primal senses, important for orientation, the search for food, and social contact. It plays a key role in all of our lives. Intricate computer animations show the different touch sensory nerve cells in action.
Documentary, 15 min., 2008, SD; English, French, Spanish; LR

The Sense of Taste
The tongue is a multifunctional organ – we use it to convey food to the back of the mouth, as well as for speech. But that's not all it can do. Elaborate computer animations and models show how the taste buds on the surface of the tongue function.
Documentary, 15 min., 2008, SD; Arabic, English, French, Spanish; LR

Glaciers
The fascinating world of glaciers, revealed on a trip around the globe. 3D-animations and time-lapse films explain how glaciers are formed. By studying these highly sensitive indicators of climate change, researchers are trying to assess the future impact of rising global temperatures.
Documentary, 15 min., 2008, SD; English, French, Spanish; LR

Nerve Network
Without the body’s intricate internal wiring system, we wouldn't even manage to bend a little finger. So much about our body is, so to speak, a “test of nerves”. A glimpse at the internal workings of the body shows just how this remarkable nervous system functions.
Documentary, 15 min., 2008, SD; English, French, Spanish; LR
EinSteinchen

E=mc² – the most famous formula in the world. Everyone knows it, but very few know what it actually means. This is true of most of Albert Einstein’s revelations. You don’t have to be a genius in physics to understand our program. Whether it’s the photoelectric effect or the relativity of time, the virtual figure EinSteinchen will help you understand the ideas behind Einstein’s work in a simple and straightforward fashion. In twelve 90-second, elaborately animated clips, the virtual whiz explains the great scientist’s most important discoveries. EinSteinchen speaks directly to viewers, and makes them want to learn more about the basic principles inherent in Einstein’s theories. He explains difficult concepts using amusing and fascinating examples that anyone can understand.

124666 001 Absolute and Relative
It’s all a question of perspective! EinSteinchen provides a simple example revealing how size – depending on your point of reference – is actually relative.

124666 002 E=mc²
Einstein’s famous formula! EinSteinchen explains that energy can turn into mass, while mass can likewise be converted into energy. This second process, for example, constantly occurs in our sun.

124666 003 The Discovery of Slowness
What is the ‘relativity of time’? EinSteinchen shows how time changes when traveling through space. Of course, speed also plays a role. An external observer watching a clock on a spacecraft that was accelerating through space could see time ‘slow down’ as the ship gained speed.

124666 004 As Fast as Light
EinSteinchen explains that light always moves at the same speed, and why nothing can be faster than light.
EinSteinchen

124665 001 Nuclear Medicine: A Formula and its Results
When an atom in a radioactive element decays, then part of the matter that makes up its nucleus is transformed into energy. This is part of the proof that backs up Einstein’s realization that mass and energy are two sides of the same coin. Without Einstein’s discovery that is expressed in the formula E=mc², some later medical developments would not have been possible. Artificially produced radioactive substances known as radiopharmaceuticals play a major role in modern medical diagnostics and research.

124665 002 Satellite Navigation – Einstein’s Contribution to Galileo
Time is relative – in the field of satellite navigation, Einstein’s theory has practical applications. In space, clocks tick differently than they do on Earth. But the accuracy of satellite navigation systems is dependent on how precisely the atomic clocks on board can measure time.

124665 003 The Speed of Light – Part 1: Light Researchers
At the root of Albert Einstein’s Special Theory of Relativity is the assumption that the speed of light never changes. Einstein said that the speed of light is a universal constant, one that always remains the same no matter where you are. Is that really the case? European researchers now want to conduct an experiment in space to find out.

124665 004 The Speed of Light – Part 2: Radar Satellite
The speed of light also standardizes the exact length of a meter. That’s important for large-scale surveys like those slated to be carried out by the radar satellite TerraSAR-X. The rader satellite will begin surveying Earth’s surface with an accuracy never before seen in civilian applications. The new satellite, for example, will be able to map the ongoing urban sprawl of some of the world’s largest cities.

124665 005 The World’s Fastest Flash
Laboratories all over the world have been taking part in a competition to create shorter and shorter flashes of laser light. Now physicist Ferenc Krausz has broken a new barrier. He’s first to produce an attosecond pulse. An attosecond is an unimaginable 0.000 000 000 000 000 001 of a second long. The technique that Krausz used is based on Einstein’s prediction of stimulated emission. The great physicist’s hypothesis helped lay the foundations for the development of that incredibly versatile tool – the laser.

124665 006 Juggling Ultra-Cold Atoms
Though he’s just 32 years old, Immanuel Bloch is already a professor of physics at the University of Mainz. He’s an expert on a state of matter that was predicted by Albert Einstein – Bose-Einstein condensation. Immanuel Bloch has now taken things a step further. He has become the first to crack the Bose-Einstein condensation wave and regularly arrange several hundred of these special atoms into a glowing grid. In the future, grids like these could make up the basic elements of a new kind of supercomputer.

124665 007 Cloned Atoms Through Teleportation
For the first time ever, Rainer Blatt was able to transfer the state of one atom to another. Although the process is called ‘teleportation’, no matter is transported from one spot to another. Instead, information leaps the gap. To achieve his goal, Blatt made use of what Albert Einstein described as the ‘spooky action-at-a-distance between particles’. The discovery is a scientific sensation, even though the teleporting distances crossed up until now have only been a few hundredths of a millimeter.
Cosmic Telescopes: Discovering Distant Galaxies
According to a theory first put forward by Albert Einstein, a large body of mass curves space and the light that traverses it. Clusters of galaxies create what are known as gravitational lenses. Astrophysicist Joachim Wambsganß has spent years studying this phenomena in deep space. He searches and maps massive celestial objects such as galaxies that possess strong gravitational fields. These curve or bend the space around them, and force light from even more distant galaxies and objects into a curved rather than a straight trajectory. The process also ‘bundles’ the light, focusing and increasing its intensity.

Racing down Einstein’s Paths
Molecules in gas and fluids tend to behave in unordered and random ways. This phenomenon, first identified by the Scottish botanist Robert Brown and therefore named Brownian Motion, was also of great interest to Albert Einstein. In 1905, he published his studies on Brownian Motion. Today, his findings can help researchers solve many of the problems linked to the movement of particles.

Organic Solar Cells
What a pain: the cell phone has to be charged at the mains every few days. But in future that could be rendered obsolete by a portable charging unit in a jacket. It consists of wafer-thin organic solar cells. Like conventional silicon cells, the organic solar cells convert light energy into electrical current. The principle behind it is the photoelectric effect. Albert Einstein received the Nobel Prize in 1921 for his explanation of this phenomenon.

The Search for a Theory of Everything
For much of his life, Albert Einstein sought a formula that would describe and encompass all four fundamental forces. He failed to find a unifying theory. The tunnel in Geneva is huge – and it runs in a circle that’s 27 kilometers long. Thousands of scientists all over the world are waiting with bated breath for experiments to begin in the Large Hadron Collider. It’s hoped that the gargantuan apparatus will be able to generate a kind of small scale Big Bang, lasting for just fractions of a second, that will recreate the conditions just after the birth of the universe.

Time Travel Through Wormholes – Nothing More than a Dream?
As early as 1935, Albert Einstein and Nathan Rosen recognized that relativity theory did not rule out ‘bridges’ through space-time. Today, we call these hypothetical pathways ‘wormholes’. Physicists nowadays admit that time travel through wormholes is at least theoretically possible, although journeys into the past or future have remained firmly in the realm of science fiction.
The digital revolution has advanced into many areas of our lives. For most people, digital technologies are now an intrinsic part of both working life and leisure time. In many ways, they enrich our life and make it easier – for example, by making information and resources accessible, providing a diverse range of communication platforms, and taking on monotonous or dangerous jobs. Highly complex systems can now detect cancer cells in tissue samples more quickly and efficiently than ever before, or brake vehicles ahead of a potential collision. But these technologies also harbor risks. Many everyday interactions require us to divulge a huge amount of personal information – used by unknown entities to bombard us with news, marketing and political messages. The question remains: Who – or what – are the better decision-makers. Humans or machines?

The Promise of AI – Paradise or Robocalypse?
Chatbots that can hold witty conversations, medical systems that diagnose cancer, and autonomous machines capable of deadly force – artificial intelligence is transforming many important aspects of human life. The algorithms used by these systems are in perpetual development mode. On the basis of certain criteria, they quickly learn to evaluate their input and make swift decisions. When it comes to speed, they often have the edge on humans. But just how much can and should they replace us? A question addressed by AI experts, ethicists and philosophers.

Documentary, 30 min., 2021, HD; Arabic, English, Spanish; VoD, M, IFE, LR

Humanoid Robots – Friendly Helpers or Alien Machines?
All over the world, scientists in a vast range of disciplines are working on the development of humanoid robots. It’s proving to be a huge challenge. Sensor technology, advanced mechanics and control algorithms allow robot hands to operate with great sensitivity. Self-learning systems that aim to imitate human gestures and facial expressions are improving all the time. And Artificial Intelligence facilitates object recognition. But important questions remain: how should the limits of autonomous robot activity be defined? And what should humanoid robots look like so as to foster natural interaction with humans?

Documentary, 30 min., 2021, HD; Arabic, English, Spanish; VoD, M, IFE, LR
Our Technical World

Technology is an integral part of almost all areas of life, and is developing at an increasingly rapid pace. It is very visible in, for example, telecommunication, transport and medicine. But increasingly we take technology so for granted that we barely notice it. Our Technical World shows new and spectacular examples of how technology is deployed and the challenges it must withstand.

264848 004
Doctor Robot
Robots are making huge strides in medicine. They are used in surgery, diagnostics and rehabilitation. People with disabilities can now control wheelchairs and prosthetics with their thoughts. Tiny nanobots are being developed that will be able to repair the body from within, clear plaque from blood vessels and release medication directly into tumours.
Documentary, 30 min., 2015, HD; Arabic, English, Spanish; LR

264848 006
The World's Tallest Clock Tower
The world’s biggest clock faces adorn the top of a huge new building in Mecca in Saudi Arabia. It is adjacent to the holiest site of Islam, the Kaaba. The four clock faces have a diameter of 43 meters, the minute hands are 23 meters long, and each of the four motors weighs 21 tonnes.
Documentary, 30 min., 2015, HD; Arabic, English, Spanish; VoD, IFE, LR
Faster, Higher, Stronger

Tomorrow’s Technology

Faster, Higher, Stronger – technology has always been a driving force of human development. Engineers around the world tackle every conceivable challenge and regularly achieve the impossible. Tomorrow’s Technology is all about amazing adventures, intellectual and physical. Faster, Higher, Stronger – Tomorrow’s Technology tracks the latest developments from the drawing board to implementation. The brilliant engineers of today are helping to shape the world of tomorrow.

264777 014
Airbus – Every Day A New Aircraft
Almost every day, a new aircraft leaves the Airbus plant in the northern German city of Hamburg. This is where the final assembly of the short- and medium-range A320 takes place – using components brought in from all over Europe. It’s also where the huge A380 gets a coat of high-performance varnish in the world’s largest painting hangar. New plastic components reinforced with carbon fiber are being developed to make the aircraft of the future lighter and more stable. Technicians and flight crews conduct virtual tests on each and every plane. The high-tech future is taking off.

Documentary, 30 min., 2017, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

264777 013
The Port of the Future
Container ships have always been big and they are getting even bigger. More and more cargo has to be transported and handled as speedily as possible. But how will the world's ports cope with these higher volumes in the coming decades? While Dubai’s Jebel Ali Port has focused on expanding its footprint, the port of Hamburg, where more real estate is not available, has focused on automation and rationalization, and Rotterdam has built the world’s first fully-automated terminals. What do these developments and trends mean for the ports of the future?

Documentary, 30 min., 2017, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

264777 016
Offshore Heroes
Out on the high seas, the wind and waves rule – a fact that is respected by the builders of offshore wind farms, as they erect gigantic structures out at sea. One large German wind farm is 140 kilometers from the coast. Manufacturing the huge turbines on land is only the first challenge facing constructors. Living and working out at sea requires courage, strength and skill in a daily battle with the forces of nature.

Documentary, 30 min., 2017, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

264777 017
High-tech Trucks on the Autobahn
In goods traffic on Germany’s highways, nothing is left to chance. The trucks are part of a high-precision logistics system. Customer deliveries are timed to the minute. To ensure the system works, trucks are monitored via satellite. Sensors in the asphalt count the vehicles: if there are too many on the roads, the speed limit on the digital road signs is reduced. Congestion managers provide real-time information to radio stations and navigation systems. The priorities are to prevent traffic jams and ensure maximum safety.

Documentary, 30 min., 2017, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

264777 018
Man’s Dream of Flight
“I fly, therefore I am” – that is the idea driving inventors and engineers to fly ever higher and further using as few resources as possible. Their innovations, such as paragliders and wingsuits, are not only exciting for extreme sportsmen and women. Latest developments in ultra-light aircraft and solar aircraft are paving the way for a more flexible and environmentally-friendly future.

Documentary, 30 min., 2017, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR
People around the world have been using natural substances to heal and cure illnesses for thousands of years. Long before doctors dominated the healing process with chemistry and scientific instruments, the natural world provided therapeutic resources in the form of plants, water, light and nutrition. Today, both patients and doctors are reconsidering “old” forms of treatment. There are hundreds of effective ways to treat human ailments – without troublesome side effects. Our series presents traditional and new forms of natural medicine.

How Nature Heals

**Yin and Yang – The Chinese Art of Healing**

The Chinese art of healing is about more than acupuncture and herbalism. It also encompasses a healthy lifestyle and a good diet to bolster the immune system against illness. We embark on a search for the origins of natural healing practices in China’s southern provinces.

**Documentary, 30 min., 2010, SD; Arabic, English, Spanish; LR**

**Paths to Islamic Healing – A German Doctor’s Quest**

Dr. Lydia Reutter from Tübingen in southern Germany travels to Cairo to learn about traditional Arab medicine. But this knowledge is not easy to come by. These days, few hakims – or traditional healers – still work in the timehonored fashion.

**Documentary, 30 min., 2010, SD; Arabic, English, Spanish; LR**

**The Healing Power of Crystals**

Minerals such as sodium chloride, sulphur and chalk have a healing effect on the human organism in specific medical applications. For example, saline air alleviates the symptoms of asthma, sulphur baths ease tensions, and chalk with special healing properties is used to treat skin diseases.

**Documentary, 30 min., 2010, SD; Arabic, English, Spanish; LR**

**Poison – It’s All in the Dose**

Doctors have known for centuries that the point where a poison becomes deadly is primarily a question of dosage. Tiny amounts of these deadly substances can actually even have a healing effect. Research on poisonous substances is aimed at developing new medicaments based on the highly effective agents produced by nature.

**Documentary, 30 min., 2010, SD; Arabic, English, Spanish; LR**

**Pain Therapy with Leeches**

Many people find leeches repulsive. But more and more doctors are re-discovering them as an alternative to using drugs for pain therapy. One of the advantages is considerably fewer side-effects.

**Documentary, 30 min., 2010, SD; Arabic, English, Spanish; LR**

**The Maggot Cure – An Alternative to Antibiotics**

Injuries that don’t heal properly often result in amputations. But if doctors were to treat the wounds with maggots, then the affected limbs of up to a third of patients could be saved. The fly larvae consume dead tissue and thereby accelerate the healing process.

**Documentary, 30 min., 2013, SD; Arabic, English, Spanish; VoD, IFE, LR**

**Radiation – The Invisible Power**

Radiation therapies are seen today as a highly credible alternative to medicinal treatment. For example, bathing in radium-rich water is often prescribed for rheumatism, arthritis, spine complaints and respiratory ailments. The sun’s ultraviolet rays are known to alleviate neurodermatitis and psoriasis.

**Documentary, 30 min., 2013, SD; Arabic, English, Spanish; LR**

**Homeopathy – Placebo or Real Cure?**

Homeopathy is one of the best known alternative therapies. But neither scientists nor homeopathic practitioners themselves can explain how it works. One of the fundamental principles of the treatment is that homeopaths devote a great deal of time to their patients. They treat illnesses in accordance with the maxim “like cures like”.

**Documentary, 30 min., 2013, SD; Arabic, English, Spanish; LR**
264745 012
Medieval Medicine – Secrets from the Monastery
Since the early 1990s, a German medical historian has been scouring the libraries of European monasteries for documents detailing old remedies, recreating them and testing their efficacy. His conclusion: In the treatment of chronic ailments such as asthma, rheumatism or neurodermatitis, the old herbal preparations have greater healing powers than those conceived by conventional medicine.
Documentary, 30 min., 2013; SD; Arabic, English, Spanish; LR

264745 013
Healing Horses – The Wonders of Equine Therapy
Horses are highly sensitive animals. They are capable of responding to movements barely perceptible to humans and can effect healing where regular therapies fail. For example in the case of people who have been in a coma following an accident and have to relearn bodily functions such as breathing, swallowing and picking things up. Equine therapy promotes the healing process on both a physical and psychological level.
Documentary, 30 min., 2013; HD; Arabic, English, Spanish; LR

264745 014
Fasting as a Cure – New Research
Studies carried out by Russian scientists over several decades suggest that medically-supervised fasting can be used to treat a range of physical and psychological ailments. Recent studies appear to confirm at least some of these findings.
Documentary, 30 min., 2016; HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

264745 015
Qi – The Chinese Art of Healing
Therapies in traditional Chinese medicine such as acupuncture or acupressure are enjoying increasing popularity worldwide. Although modern science has yet to understand how they function, such therapies can nevertheless yield astonishing success. For example, they can alleviate pain and allergies, and help people overcome addiction.
Documentary, 30 min., 2016; HD; Arabic, English, Russian, Spanish; LR

264745 016
Hypnosis, Meditation, the Laying on of Hands – The Healing Powers of Complementary Medicine
There are chronic diseases that continue to baffle modern medicine. Yet practitioners of alternative therapies say they can help, with methods such as hypnosis, meditation and relaxation exercises. Scientists have been looking into whether these approaches are effective – and why.
Documentary, 30 min., 2016; HD; Arabic, English, Russian, Spanish; VoD, LR

264745 017
A Change in Diet – To Alleviate Symptoms
With modern medication, many health complaints can be cured or at least alleviated. But drugs have side effects, and they can sometimes be severe. Three doctors from northern Germany have specialized in prescribing changes to their patients’ diets as a way of reducing their reliance on medication.
Documentary, 30 min., 2016; HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

264745 018
The Healing Powers of the Inner Physician
A view that is catching on in modern medicine is that the body’s self-healing response should be harnessed in the treatment of ill-health. Studies also suggest that a person’s mindset and attitude can influence the course of a disease.
Documentary, 30 min., 2016; HD; Arabic, English, Russian, Spanish; VoD, IFE, LR
**TeleMed**

Huge progress has been made in medicine over recent decades. For example, the discovery of fiber optics has made it possible to take a close look at the stomach and intestines. Magnetic resonance imaging creates three-dimensional images without using harmful X-rays. Advances in intensive care, transplantation and genetic engineering are making it possible to tackle diseases previously regarded as incurable. But there is still much uncharted scientific territory, for example with regard to diseases that have only emerged with our civilization.

**264607 027**
Healing Power from the Desert – Secrets of the Bushmen
Devil’s claw is regarded as the most effective remedy against arthritis. In the struggle for survival, the Hoodia cactus from the Kalahari is taken as an appetite inhibitor. Is the knowledge of the inhabitants of the desert being exploited?
Documentary, 30 min., 2007, SD; Arabic, English, French, Spanish; LR

**264607 052**
Bacteriophages – An Alternative to Antibiotics?
During the Cold War the Soviet Union was cut off from western advances in antibiotics research and therapy. But it developed its own tradition of using bacteriophages to tackle infections. Bacteriophages are viruses that destroy bacteria. Some are believed to do so without harming the patient. The main center for work on bacteriophages is in present-day Georgia. While bacteriophage therapy is used there, it is not permitted in many countries because its effectiveness has not been adequately demonstrated.
Documentary, 30 min., 2011, HD; Arabic, English, Portuguese, Spanish; LR

**264607 028**
Healing Power from the Desert – Secrets of the Xhosa
The anti-viral and bacterial properties of sutherlandia frutescens, a South African shrub, bolster the immune system, stimulate the metabolism, and are used to combat secondary diseases associated with AIDS.
Documentary, 30 min., 2007, SD; Arabic, English, French, Spanish; LR

**264607 056**
The Power of Protein – Can It Help Treat Cancer?
Scientists have discovered that patients with skin, liver or colon cancer have reduced levels of CYLD. It is a protein that inhibits the growth of tumors. But it will be some time before these findings can be applied to the development of any new cancer therapies.
Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR

**264607 058**
Women Get Sick Differently
When it comes to afflictions of the body and mind, women deal with them in a different way to men. Women also experience illness in different ways. These well-known facts are rarely considered by doctors, scientific research and the pharmaceuticals industry. There are however signs that this attitude is changing, albeit slowly, within the medical industry, which is dominated by men.
Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR
Flu Vaccines – A Challenge for Science
Flu viruses are highly adaptable. Researchers track down suspicious mutations and dangerous viral combinations across the globe. In response to a rise in new strains of potentially lethal flu, the scientists’ goal is to develop super-flu vaccines early enough to prevent epidemics.

Documentary, 30 min., 2014, HD; Arabic, English, Portuguese, Spanish; LR

When Back Pain Strikes – Which Treatments Can Help?
Back pain is a common complaint in the modern world. One key cause would appear to be an increase in pressure and stress in the workplace, resulting in prolonged tension in the muscles of the back. Latest research shows that such pain can be alleviated using a combination of different therapies.

Documentary, 30 min., 2014, SD; Arabic, English, Spanish; LR

Tuberculosis – A Disease Returns
For decades it was thought that tuberculosis had been eradicated. Now the disease is spreading again – at an alarming pace. The pathogens have developed resistance to the usual antibiotics. Because research into TB ceased, no new drugs are available. So the battle has recommenced.

Documentary, 30 min., 2014, SD; Arabic, English, Spanish; LR

Healing Foods
Can changing your eating habits not only prevent the occurrence of disease, but cure illness as well? An increasing number of conventional medical practitioners are embracing ideas and methods developed in traditional Ayurvedic medicine. A change in diet can make a big difference even for patients with certain forms of cancer and heart disease.

Documentary, 30 min., 2014, SD; Arabic, English, Spanish; LR

Electric Shocks Against Pain – New Approaches in the Treatment of Migraines
Often, it’s a long time before migraine sufferers are correctly diagnosed. But now it’s possible to spot and treat the disease early. One option is botox, another electric impulses that block the nerves at the back of the head.

Documentary, 30 min., 2015, HD; Arabic, English, Portuguese, Spanish; LR

Varicose Veins Adieu – The Possibilities of Radiowave Therapy
Patients with varicose veins are usually advised by doctors to have the affected veins removed from the leg. It’s an effective, but messy treatment. Radiotherapy is a gentler method. It’s just as effective, and involves hardly any loss of blood.

Documentary, 30 min., 2015, HD; Arabic, English, Portuguese, Spanish; LR
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<th>Title</th>
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<td><strong>264607 070</strong>  No More Joint Pain – Treatment Using the Body’s Own Cells</td>
<td>It sounds like a vision of the future: A defective part of the body is reproduced in a test-tube using the body’s own cells and repaired. In the case of injured joints such as hips, knees or shoulders this is no longer a vision, but a reality.</td>
<td>Documentary, 30 min., 2015, HD; Arabic, English, Portuguese, Spanish; LR</td>
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<td><strong>264607 071</strong>  When Cold Saves Lives – The Power of Cool Temperatures</td>
<td>It’s not a pleasant experience to wait for 10 minutes in a cold chamber at a temperature of minus 110 degrees Celsius – but for patients with severe rheumatism, it’s an effective way of alleviating pain for long periods. Cold is also used as a treatment to prevent brain damage in stroke patients.</td>
<td>Documentary, 30 min., 2015, SD; Arabic, English, Spanish; LR</td>
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<td><strong>264607 072</strong>  Cancer Prevention – Opportunity or Risk?</td>
<td>Everyone fears a cancer diagnosis. That’s why many people attend precautionary examinations. But scientists are regarding these with increasing skepticism. This is because early screening tests aren’t always reliable. A false diagnosis can plunge patients into a crisis, or result in them being given unnecessary treatment.</td>
<td>Documentary, 30 min., 2015, HD; Arabic, English, Portuguese, Spanish; VoD, IFE, LR</td>
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<td><strong>264607 073</strong>  Stroke – Every Minute Counts</td>
<td>Every year more than 15 million people around the world have a stroke. Almost half of them then have to contend with the resulting damage to their health. Doctors hope a new range of treatments will help reduce this number significantly.</td>
<td>Documentary, 30 min., 2016, HD; Arabic, English, Portuguese, Spanish; VoD, IFE, LR</td>
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<td><strong>264607 074</strong>  Prostate Cancer – Gentle Treatment Provides Hope</td>
<td>Prostate cancer is one of the most common cancers in men. New, gentler operative procedures can target aggressive tumours more precisely without complete removal of the prostate gland.</td>
<td>Documentary, 30 min., 2016, HD; Arabic, English, Portuguese, Spanish; LR</td>
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<td><strong>264607 075</strong>  Rheumatism – How to Relieve the Pain</td>
<td>Rheumatism is an umbrella term for a variety of ailments affecting the joints, bones, muscles, tendons and ligaments that often cause intense pain. There is still no cure for rheumatic diseases, but there are various ways to ease the pain.</td>
<td>Documentary, 30 min., 2016, HD; Arabic, English, Portuguese, Spanish; LR</td>
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<td><strong>264607 076</strong>  Back to Life – How Medics Are Outwitting Death</td>
<td>In cases where there used to be no hope of saving a life, doctors today can do exactly that if the right equipment is to hand. For example, mobile heart-lung machines, mechanical cardiac massage devices and cooling mats to decelerate damage to and loss of brain cells.</td>
<td>Documentary, 30 min., 2016, HD; Arabic, English, Portuguese, Spanish; VoD, IFE, LR</td>
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The Human Microbiome – Maintaining Good Health with Useful Bacteria
The skin, intestine and numerous other human organs are home to a multitude of micro-organisms. Not only are these harmless, they actually make vital processes such as digestion possible. But these microbe communities are often damaged by an unbalanced diet, antibiotics or excessive hygiene, resulting in serious illness.

Elimination Using Microparticles – The Gentle Alternative to Surgery
Many women are diagnosed with benign uterine tumours. When they cause severe symptoms, gynaecologists can recommend removal of the uterus. But there is a less drastic alternative: Blocking the flow of blood to the tumours with small particles. A similar method is used to treat benign prostate enlargement in male patients.

The Doctor as Detective – Tracking Down Unknown Diseases
There are cases in which doctors simply cannot identify an ailment. Some patients consult numerous specialists over the years without ever getting a diagnosis or therapy. A German cardiologist has set himself an ambitious goal: to find the correct treatment for patients whose symptoms challenge the standard diagnostic scheme.

Blocked Arteries – Identified Early, Treated Carefully
It's usually older people who suffer from blocked leg arteries. That almost always causes severe calf pain and can result in a heart attack or stroke. But if the problem is spotted early enough, there are gentle ways to restore blood flow.
Multimodal Therapy – Alleviating Chronic Pain

Many patients with chronic pain are not getting effective, long-term relief. Although medical science is now aware that pain is more than just the body’s response to an irritant, it often just treats the symptoms. It is becoming increasingly evident that alleviation may be possible if physical, psychological and social factors are considered together. Therapy on several levels is yielding astonishing success.

Documentary, 30 min., 2019, HD; Arabic, English, Portuguese, Spanish; VoD, IFE, LR

Caesarean – Emergency Operation or Standard Procedure?

Around the world today, more than twice as many children are delivered via caesarean than 20 years ago. Many doctors take a critical view of this development, which is occurring mainly in a number of industrialized nations. There is no question that, in some situations, the operation is the best option for mother and baby. But if it is not medically necessary, a c-section can have negative side-effects – not just for the mother, but also for the child.

Documentary, 30 min., 2019, HD; Arabic, English, Portuguese, Spanish; VoD, IFE, LR

Forgetfulness or a Sign of Dementia? – The Early Detection of Alzheimer’s

Dementia can affect anyone. Even middle-aged people can fall ill if they have a particular genetic disposition. Are there ways to detect Alzheimer’s disease early? How far have treatments progressed? And what strategies are in place to facilitate daily life for those affected by dementia?

Documentary, 30 min., 2019, HD; Arabic, English, Portuguese, Spanish; VoD, IFE, LR

When Fear Makes Us Ill – Overcoming Anxiety Disorders

Anxiety disorders and panic attacks can make life unbearable. Many of those affected withdraw rather than seek help. But nowadays there’s a range of treatments available tailored precisely to the different manifestations of such disorders. Research has also found out more about the causes: as well as traumatic events, genetic factors appear to play a role.

Documentary, 30 min., 2019, HD; Arabic, English, Portuguese, Spanish; VoD, IFE, LR
Groundbreaking Therapies – New Approaches in the Treatment of Cancer
What factors contribute to the emergence of cancer cells? Research into this question has paved the way for new approaches in the treatment of the disease. These promise improved recovery prospects and fewer side effects than those experienced during standard treatment. Among the innovations: immunotherapy as both prophylaxis and treatment, and the use of nanoparticles that target and destroy tumor tissue.
Documentary, 30 min., 2019; Arabic, English, Portuguese, Spanish; VoD, M, IFE, LR

Approaches to Osteoarthritis: Gentle Treatments for Joint Deterioration
Overloading and age-related wear and tear cause many people to experience joint pain. For some time now, it has been possible to replace entire joints with prostheses. But nowadays, more gentle treatments are achieving success with increasing frequency: for example, procedures to strengthen the cartilage or replace just the damaged parts of the joint with smaller prostheses.
Documentary, 30 min., 2020; Arabic, English, Spanish; VoD, IFE, LR

DNA Analysis: Perspectives for Modern Medicine
In recent years, it has become easier to have your own genome tested for personal risk factors. But just how reliable is this information and in which areas is it truly beneficial? Research shows that genetic dispositions often determine the efficacy of a particular medication. This means that in many cases, bespoke treatments can be put together in a bid to avoid side effects.
Documentary, 30 min., 2020; Arabic, English, Spanish; VoD, M, IFE, LR

The Long Arm of the Doc: Precision Surgery with New Robots
For many years now, robots have been used in operations involving joints, the bladder, the kidneys and the prostate gland. Up-to-date equipment of this kind now facilitates highly complex procedures in the stomach and chest area. The robots are controlled by surgeons. With the help of these devices, the surgeons are able to conduct operations with great precision – to the benefit of the patients.
Documentary, 30 min., 2020; Arabic, English, Spanish; VoD, IFE, LR

Crazy Hormones – Women and Men in Mid-Life
Women, and also many men, experience dramatic hormonal changes in middle age. Some people think of menopause as if it were a kind of illness. But from a medical perspective, it is a natural change in the body, albeit with sometimes unpleasant side effects. The jury is still out on whether hormone replacement therapy is appropriate in such cases.
Documentary, 30 min., 2020; Arabic, English, Spanish; VoD, IFE, LR

Tuberculosis – A Lurking Threat
In several countries it looked like TB had been almost vanquished, and then the incidence started rising again in recent years. It is a dangerous infectious disease. Misdiagnosis is not uncommon. What is more, some strains of the bacteria that cause TB are developing a resistance to antibiotics.
Documentary, 30 min., 2020; Arabic, English, Spanish; VoD, IFE, LR

Genetic Destinies – How Much Do We Need to Know?
How does knowing you have inherited a genetic defect affect your life? How much do we want to know about our future health? More and more often, doctors and patients are being confronted with questions such as these. Of particular concern to parents: are they passing on risks to future generations?
Documentary, 30 min., 2020; Arabic, English, Spanish; VoD, IFE, LR
Food Supplements – Benefits and Risks
Many people take vitamin, protein and mineral supplements as part of their health and fitness regime. These products claim to address nutritional deficiencies and prevent illness. As for how much to take, it’s generally thought “the more, the better”. But that’s not always the case. A supplement-heavy diet carries potential risks – which are often glossed over.

Documentary, 30 min., 2021, HD; Arabic, English, Spanish; VoD, M, LR

Cardiac Medicine – Back to Normal Life
A diagnosis of heart disease always has a great impact on the lives of those affected. But a wealth of new therapeutic approaches such as relatively gentle surgical procedures, special post-operative care and herbal remedies mean that, after a while, many patients these days can look forward to leading normal lives again.

Documentary, 30 min., 2021, HD; Arabic, English, Spanish; VoD, M, LR

Osteopathy – Gentle Hands-On Therapy
Osteopathic treatments can go a long way to easing symptoms and curing ailments – not just in patients with muscle and joint pain, but also those suffering from migraines, internal organ complaints and developmental disorders in infancy. Osteopaths use nothing but their hands: They locate areas of tension, find clues to their cause and free-up blockages. In recent years, many cases have provided scientific evidence of the efficacy of these methods, which are usually considered complementary to conventional treatments.

Documentary, 30 min., 2021, HD; Arabic, English, Spanish; VoD, M, IFE, LR

The Placebo Effect: The Immune System Responds
The idea that your brain can convince your body that a fake treatment is the real thing is nothing new. But how can the phenomenon be explained? New research shows that the interaction between patient and doctor, as well as the neurophysiological reaction to this, exert a positive influence on the immune system. Physicians now want to harness this effect for more specific treatments.

Documentary, 30 min., 2021, HD; Arabic, English, Spanish; VoD, M, LR
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Let’s Go Wild

In rainforests, in savannas, in the mountains or at the depths of the oceans - all over the world, animals have adapted biologically and behaviorally to their differing habitats. In recent years and employing up-to-the-minute technology such as high-speed cameras and ultra-sensitive sensors, filmmakers have been able to capture extraordinary images of animals and their habitats thus far shielded from the gaze of humans. The more we learn about how animals live in the wild, the more amazed we are at the marvels they represent.

164817  001
Serengeti Adventure – Capturing Animals on Camera
The endless expanse of the Serengeti in eastern Africa is one of the world’s best-known wild animal habitats. Reinhard Radke spent two years there observing herds of gnus, crocodiles and cheetahs to create a fascinating and breathtaking film.
Documentary, 30 min., 2013, HD; Arabic, English, Spanish; LR

164817  002
Andean Bears – The Shy Mountain-Dwellers
The only bear native to South America lives in the cloud forests of the High Andes. Andean bears are the last remaining species of short-faced bear. The diet of these timid creatures consists primarily of plants and fruit, though they will occasionally attack and kill for meat. The Andean bears and their habitat are largely unprotected, and humans are posing an increasing threat to the population.
Documentary, 30 min., 2013, HD; Arabic, English, Spanish; LR

164817  003
Africa’s Largest Elephants – Big Tuskers
Big Tusker is the name given to Africa’s most powerful bull elephants, whose tusks weigh at least 50 kilograms each. There are thought to be just 40 surviving Big Tuskers on the entire continent. At the Krüger National Park in South Africa, we gain an insight into the lives of Africa’s last giants.
Documentary, 30 min., 2013, HD; Arabic, English, Spanish; LR

164817  004
Polar Bears in the Grass – Canada’s Remarkable Predators
Hudson Bay in northeastern Canada is home to the world’s only polar bears that live mainly in forests and on grassland, which are only covered in ice during the winter. Once that ice has melted, the bears are forced to revert to a predominantly herbivorous diet, and a tough battle for survival begins again.
Documentary, 30 min., 2013, HD; Arabic, English, Spanish; LR

164817  005
Giant Anteaters – The Peculiar Loners
Whether in marshlands, forests or savannas, the giant anteater can be found in a range of habitats in Central and South America. Regardless of where it lives, the anteater’s chief concern is to find an abundance of ants and termites. We observe these curious animals in the pristine tropical wetlands of the Pantanal basin in Brazil.
Documentary, 30 min., 2013, HD; Arabic, English, Spanish; LR

164817  006
Dragonflies – Agile Hunters of the Air
Dragonflies have lived on earth for 320 million years. They spend most of their lives as larvae underwater, until they emerge as adults and take to the skies as consummate hunters. Using high-speed cameras, we show the complex beauty of a dragonfly’s flight.
Documentary, 30 min., 2013, HD; Arabic, English, Spanish; VoD, LR
Jaguar – The Majestic Beauty
The jaguar is the world’s third-largest cat, and king of the South and Central American rainforests and savannas. These animals prefer habitats that are humid and close to the water, and occupy large swathes of territory which they patrol alone. The jaguar was revered as a deity in many Native American cultures. But to this day, little is known about its way of life.

Documentary, 30 min., 2014, HD; Arabic, English, Spanish; LR

Raccoons – Adaptable Cosmopolitans
The raccoon is indigenous to North America, where it is a common sight. But now there are also large populations of the animal in Europe. Recent research shows that they inflict very little damage on the biodiversity of their new homes. The intelligent, adaptable mammals are omnivores that are active at dusk and during the night, and they evidently like to live in close proximity to humans.

Documentary, 30 min., 2014, HD; Arabic, English, Spanish; VoD, IFE, LR

Meerkats – Vigilant Foragers
Meerkats live in arid regions of southern Africa. They lead a highly sociable existence in groups of up to nine, feeding mainly on insects and other arthropods. Several groups can join together to form a mob, which then shares an underground burrow complex.

Documentary, 30 min., 2014, HD; Arabic, English, Spanish; LR

Indian Lions – The Kings of Gujarat
Lions are not only indigenous to Africa. They were once a common sight in Asia too. Today, only a few hundred are left there, and they all live in and around the Gir Forest National Park in the Indian state of Gujarat. Thanks to a comprehensive protection scheme, the population is beginning to recover.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; LR

Manatees – Friendly Giants of the Caribbean
Many West Indian manatees like to spend the winter in the warm waters of Florida, gathering at springs or in river estuaries. But there they face the constant danger of collision with motor boats. Many manatees are injured or killed by propellers. If they are lucky, the wounded are taken to their very own hospital at Tampa Zoo.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; VoD, IFE, LR

Komodos – The Last Dragons
The Komodo dragon is the world’s largest species of lizard, and can be found in the Lesser Sunda Islands of Indonesia. Komodo dragons are hunters and scavengers that feed on large animals. They also eat smaller members of their own species. Toxins in their saliva help incapacitate their prey.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; LR
White Storks – Europe’s Summer Guests
As winter approaches in the northern hemisphere, white storks head south to sub-Saharan Africa or southern Asia. The return journey takes many to Central Europe, where they spend the summer. There they have about 100 days to find a mate, breed and raise their young before their next departure.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; VoD, IFE, LR

Hippopotamuses – Heavyweight Water Dwellers
Hippos are among the world’s heaviest land mammals. They live in Kenya, Zambia and other countries of sub-Saharan Africa. They spend their days bathing in rivers. By night, they graze on land. They may appear docile, but when it comes to defending their young, hippos can become extremely aggressive.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; VoD, IFE, LR

Monarchs – The Long-Haul Butterflies
Monarch butterflies have striking orange and black wings and live in North America. But what makes them very special is their annual two-way migration to sunnier climes in Mexico and back again. It takes three or four generations to make the lengthy trip. Their mass migration is a magnificent spectacle.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; VoD, IFE, LR

Asia’s Rhinos – Rare Loners
The Sumatran rhino is a critically endangered species. It’s thought they may number less than 200. Its larger relative the Indian rhinoceros is faring only slightly better, with around 3,000 animals living in parts of northern India and Nepal. Members of both species live mostly solitary lives.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; LR

Amur Tigers – The World’s Biggest Feline Predators
The Amur tiger is the largest living tiger subspecies. There are only 500 of them, and they live in eastern Russia, China and North Korea. No other tigers live so far north. The primary threats to these majestic hunters are the degradation of their habitat and poaching.

Documentary, 30 min., 2016, HD; Arabic, English, Russian, Spanish; LR

Dormice – Agile Nocturnal Climbers
The dormouse is a cute and cuddly rodent common in parts of Europe and Asia. They are nocturnal and they hibernate for up to seven months. When they’re not sleeping, they spend much of their time climbing in trees and bushes. While other animals have an entire year, dormice are under pressure to complete all the tasks necessary for their survival during the short summer nights.

Documentary, 30 min., 2016, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

European Brown Bears – Masters of the Carpathians
The brown bear is the largest land-based carnivore in Europe. These days, it only lives in highly inaccessible regions. There are several thousand bears still living in the Carpathian Mountains of Poland, Slovakia, Romania and Ukraine. Here, they preside over the food chain and fulfill an important ecological role.

Documentary, 30 min., 2016, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

Sperm Whales – The Deep Divers of the Animal Kingdom
Sperm whales are the largest species of toothed whale. They hunt large squid at depths of up to 3,000 meters, and are present in all the world’s oceans. Hunted intensively in the past, they are still considered an endangered species. Sperm whales display complex social behaviors, but we still know very little about them.

Documentary, 30 min., 2016, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

Asian Elephants – The Thoughtful Giants
Asian elephants are a little smaller than their African cousins. Their temperament is considerably gentler, which is why they are still used as working animals in Asia to this day. In the wild, Asian elephants are nocturnal and semi-nocturnal and can be found in a diverse range of habitats – places that are increasingly encroached upon by humans.

Documentary, 30 min., 2016, HD; Arabic, English, Russian, Spanish; LR
**Red Wood Ants – Eurasia’s Forest Police**

Red wood ants improve the soil, spread plant seeds, remove cadavers and prevent the mass reproduction of other insects: they are hugely important for the ecosystem of the forests of Europe and Asia. They are a protected species in some countries, but occasionally it is necessary to relocate a colony.

*Documentary, 30 min., 2016, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR*

**Lions – The Challenges of Life in the Tanzanian Savanna**

The huge Ruaha National Park in central Tanzania is home to a wide variety of wildlife. Its southeastern border is formed by the Great Ruaha River. A group of female lions lives on its banks. During the dry season, when all kinds of animals come to the river to drink, they wait patiently for them to arrive. But large animals such as buffalo or elephants are dangerous and aggressive opponents. Confronted with a large herd of buffalo, the lions need to devise new hunting strategies and engage in a full-on battle for survival.

*Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, LR*

**Camargue Horses – The Hardy Beauties of Southern France**

In southern France, around the Rhône River delta, is the Camargue region. Robust, white horses roam in this marshy alluvial plain. The almost wild animals live in herds and share their habitat with many other species, among them cattle, coypu, pink flamingo and other waders. In times gone by, the horses of the Camargue helped ‘gardians’ or Mediterranean cowboys to manage herds of fighting bulls. These days, they’re mainly used for riding and as cart-horses. But for most of the year, the animals only obey the seasons and the harsh laws of Nature.

*Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, LR*

**African Elephants – The Giants of the Earth**

African elephants are the largest terrestrial animals in the world. The pachyderms are exceedingly intelligent and demonstrate highly-developed social behavior. In the ecosystems of Africa they also play an essential role for other species of animals and plants. This and much more besides is best observed on a walking safari, for example in the Hwange National Park in Zimbabwe.

*Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, IFE, LR*

**Treehoppers – A Bizarre Life Form**

Insects from the family Membracidae, known as treehoppers or thorn bugs, feed on plant sap. They’re found mostly in the tropics. They live a short and rather unspectacular life and as a result little is known about them. But as far as their appearance goes, Nature has really gone to town: their bizarre appearance is partly due to the highly complex and protruding appendages of their pronotum – which are sometimes even larger than their bodies.

*Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, LR*

**Cranes – Symbols of Good Fortune**

The Eurasian crane is a large wader that spends the summer in northeastern Europe and northern Asia. There, the bird enjoys a mythical status, as a symbol for good fortune, long life, vigilance and peace. When they migrate to southern climes for the winter, large flocks cover up to 6,000 kilometers. The summer population in Estonia chooses various wintering grounds in Spain, Tunisia and Ethiopia. By tracking a family of cranes migrating to Ethiopia, scientists attempt to follow their exact route.

*Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, LR*
Cheetahs – Fast but Vulnerable
Cheetahs are fast. Very fast. But they can’t keep their speed up for a long time and mostly hunt alone. For a mother of three cubs in the almost tree-less, dry savanna of the southern Serengeti, this means a daily challenge. She prefers to prey on young gnu, which cross the territory in huge herds during the annual migration. But a successful hunt requires several attempts, requiring the mother to wander far from her defenseless cubs. Does a group of young male cheetahs hunting together have more luck?

Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, IFE, LR

Ethiopian Wolves – A Rare Canid
The isolated mountain ranges of Ethiopia and eastern Sudan are home to the last Ethiopian wolves. They live in packs at altitudes of up to 4,500 meters and prey mainly on rodents. The biggest threat to their existence are infectious diseases they might catch from domestic dogs.

Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, M, IFE, LR

Snowy Owls – Majestic Hunters of the Arctic
The huge, elegant snowy owl is a familiar resident of the Arctic tundra. Its primary prey is the lemming. But climate change has driven lemming numbers down. When food is scarce, snowy owls are forced to fly south: a journey that can take them to Central Europe.

Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, M, IFE, LR

Plains Zebra – Traveling the Grasslands
Plains zebras are the smallest and most populous group of the three zebra species living in Africa today. Highly social animals, they live in herds led by one stallion with several mares and foals. Some 200,000 plains zebras join the annual mass migration of animals searching for water and grazing land within the Serengeti-Mara ecosystem of Tanzania and Kenya, in a perpetual cycle of life and death.

Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, M, IFE, LR

Short-Finned Pilot Whales – Cheetahs of the Seas
Like big cats on land, short-finned pilot whales rely on stealth and high speed when hunting prey. And those hunts can involve dives lasting up to 15 minutes to depths of 1,000 meters. Whereas the animals take huge risks in the search for food, their leisure time is spent bonding and playing with others in the pod. Short-finned pilot whales are present in all tropical and sub-tropical waters in family groups of up to 30 individuals.

Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, M, IFE, LR

The Rock Hyrax – A Creature of Many Talents
Rock hyraxes are native to Africa and the Middle East. Colonies of the mammal live in rugged, rocky regions or inselbergs. Despite their rodent-like appearance, they are more closely related to elephants and manatees. Rock hyraxes are brilliant climbers, love to cuddle and fight each other and spend relatively little time searching for plants to eat. They much prefer to sunbathe and socialize. They also use distinctive songs to mark out territory.

Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, M, IFE, LR

Eastern Coyotes – A New Hybrid Canid in Our Midst
Despite their considerable size, an increasing number of eastern coyotes are appearing in cities in northeastern North America such as Toronto and New York. The animals are a mix of three species: wolf, dog and coyote – thereby providing fascinating insights into evolution influenced by humans. They’re also extraordinarily smart and adaptable, the best prerequisites for coexistence with people.

Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, M, IFE, LR

Vicuñas – Camelids of the Andes
Vicuñas are smaller relatives of llamas; both species are members of the camelidae family. Vicuñas live in the South American Andes at elevations of up to 5,000 meters. With their preference for short grasses and their extremely fine but thick coat, they have adapted to the unforgiving highland climate. Every three years, the animals are shorn and the wool made into highly-prized items of clothing.

Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, M, IFE, LR

Desert Elephants – Huge and Hardy Survivors
African elephants have adapted to many different kinds of habitat, even dry regions with scant vegetation and seasonal rivers. Several hundred of these desert elephants live in Mali and Namibia. They are slimmer than other members of their species and have longer legs and larger feet. Each animal needs up to 300kg of food a day. Finding it involves long nocturnal treks across the rocky plains and arid valleys of northwestern Namibia.

Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, M, IFE, LR
The Great Outdoors: Our National Parks

All around the globe, national parks play a key role in maintaining the ecological balance and biodiversity of our world. As nature reserves, they promote the natural and long-term development of extensive habitats and their species and ecosystems. National parks provide people with the scope and space for scientific research and education, as well as for leisure and tourism. This series takes a fascinating look at national parks all over the world. Using breathtaking footage, we show the unique character of these biospheres.

164836 001
**Vast Expanse – Grand Canyon National Park, USA**
Over millions of years, the Colorado River carved out a path up to 1,800 meters deep into the rock of the eponymous plateau, creating what is probably the most famous canyon in the world. It is a UNESCO world heritage site and the most popular national park in the USA, drawing some five million visitors every year.

*Documentary, 30 min.*, 2014; HD; Arabic, English, Spanish; VoD, IFE, LR

164836 002
**Extraordinary Fauna – Humboldt National Park, Cuba**
Cuba is an island with a wide variety of landscapes and is home to unique species of flora and fauna. The Alexander von Humboldt National Park ensures the continuance of one of the most extensive diversity of species in the world, while at the same time providing a place for scientific research and the sheer appreciation of the natural world.

*Documentary, 30 min.*, 2014; HD; Arabic, English, Spanish; LR

164836 003
**Peaceful Coexistence – Pyrenees National Park, France**
With towering peaks of up to 3,000 meters, the mighty Pyrenean mountain range separates the Iberian Peninsula from the rest of Europe. The Pyrenees national park provides ample space for traditional agriculture in harmony with the seasons, and it offers protection to rare species of animals such as the griffon vulture, brown bear and Pyrenean chamois.

*Documentary, 30 min.*, 2014; HD; Arabic, English, Spanish; LR

164836 004
**Unspoiled Coastal Forests – Slītere National Park, Latvia**
Dense mixed forest covers the sand dunes at Cape Kolka on the Baltic coast and is home to lynxes, elk, beavers and many other animals. We document the cycle of seasons at Slītere National Park, which is also popular with hikers and mountain bikers.

*Documentary, 30 min.*, 2014; HD; Arabic, English, Spanish; LR

164836 005
**Underwater Treasure Hunt – Cocos Island National Park, Costa Rica**
Cocos Island in the Pacific Ocean is the subject of many legends telling of pirate treasure. But the uninhabited tropical island’s greatest treasure has to be its biodiversity, particularly underwater: This is undoubtedly one of the most spectacular places to dive in the world.

*Documentary, 30 min.*, 2014; HD; Arabic, English, Spanish; VoD, IFE, LR
Guardians of the Holy Mountain – Mount Kenya National Park, Kenya
At 5,200 meters, Mount Kenya is Africa’s second tallest mountain. It straddles the equator and is the heart of the Mount Kenya National Park. The mountain is considered holy by the communities living near it. The unique fauna of the Mount Kenya National Park attracts poachers. Rangers protect the wildlife and assist visitors from around the world who come to climb the peaks.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; VoD, IFE, LR

A Desert by the Sea – Lençóis Maranhenses National Park, Brazil
The dunes of Brazil’s only desert, which extends from the Atlantic through the federal state of Maranhão 40 kilometers inland, call to mind enormous bed sheets. This is in fact the name of this National Park, which protects the bizarrely beautiful landscape of windswept dunes and crystal clear, deep blue freshwater lakes. Rangers ensure that tourists only enter the park on specially guided expeditions.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; LR

Conservation as Opportunity – Phong Nha-Ke Bang National Park, Vietnam
Phong Nha-Ke Bang National Park is a UNESCO World Heritage site and one of the world’s largest karst regions, with hundreds of caves and grottoes. There are also mountains and extensive tropical forests, home to a wide range of species. Tourism is flourishing, and that provides local people with a source of income. But even forty years after the end of the Vietnam War, Phong Nha-Ke Bang is still riddled with unexploded mines and bombs, which pose a serious risk to humans and animals.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; VoD, IFE, LR

Surrounded by Ice – Glacier Bay National Park, USA
The Glacier Bay National Park in southwest Alaska comprises more than 50 glaciers. The calving of the glaciers in the bay is a show-stopping natural spectacle. Receding ice levels have resulted in the development of an ecosystem that is just 200 years old, which also provides scientists with exciting research opportunities.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; VoD, IFE, LR
164836 014
Rebuilding a Reserve – Bouba Ndjida National Park, Cameroon
The national park in northern Cameroon was established in 1968. After many years of neglect, it is once again being actively managed, thanks to close cooperation between the park authority and people living there. Bouba Ndjida is a refuge for eland antelopes, primates, wild cats, elephants and many other species.
Documentary, 30 min., 2017, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

164836 015
Nature Conservation Out at Sea – The Strait of Bonifacio International Marine Park, France and Italy
This international marine park comprises a nature reserve on the French island of Corsica, a national park on the Italian island of Sardinia and the stretch of sea in-between, the Strait of Bonifacio. It is both a busy waterway and a protected ecosystem, frequented by supertankers and by rare animal and bird species. That presents conservationists with ecological and economic challenges.
Documentary, 30 min., 2017, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

164836 016
Newfoundland’s Raw Beauty – Gros Morne National Park, Canada
Canadians simply refer to the island of Newfoundland, situated to the east of the mainland, as “The Rock”. The harsh climate of the North Atlantic defines the isolated rocky island and its fauna, with several species unique to the area. The national park plays a key role in the protection of the natural environment and the cultural legacy of the Newfoundlanders, preserving them for future generations.
Documentary, 30 min., 2017, HD; Arabic, English, Russian, Spanish; LR

164836 017
Underwater World in Need of Protection – Western Pomerania Lagoon Area National Park, Germany
The park serves to protect a unique landscape both beside and in the Baltic Sea in northeastern Germany. Research divers are documenting the little-known underwater world, thereby drawing attention to both the beauty of and the threat facing the fragile ecosystem there. A night dive provides marine biologists and photographers with new insights.
Documentary, 30 min., 2017, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

164836 018
Spectacular Mountainscapes – Rocky Mountain National Park, USA
Visitors to the state of Colorado in the heart of the United States are greeted by a pristine environment of mountains and animal habitats with breathtaking views. There are more than 60 peaks over 4,000 meters here, in one of the highest national parks in the country. Adventurers can explore the wilderness on horseback.
Documentary, 30 min., 2017, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

164836 019
Habitat for People and Animals – National Park of Abruzzo, Lazio and Molise, Italy
There are only a few dozen Marsican brown bears left in the wild. They are native to the rugged mountains and forests in and around the national park in the Apennines east of Rome. Wildlife photographer Bruno D’Amicis promotes conservation and sustainable tourism here in the wild heart of Italy, where you can observe bears, wolves, deer and chamois in their natural surroundings.
Documentary, 30 min., 2017, HD; Arabic, English, Russian, Spanish; LR
Struggle for Survival

One in every four species of mammal, one in every eight species of bird and a third of all amphibian species are threatened with extinction. The diversity of life on our planet is declining at an alarming rate. The International Union for Conservation of Nature’s Red List of Threatened Species shows that not enough is being done to save them. The number of species on it has increased dramatically. Immediate, drastic action is required to preserve valuable habitats and halt the extinction of species.

264702
Documentary, 13 x 30 min., Arabic, English, Spanish

264702 001 Grzimek’s Legacy in Africa
The Swiss biologist Dr. Markus Borner is one of the conservationists who worked personally alongside Prof. Dr. Bernhard Grzimek. Together with his son Michael, Grzimek produced the movie “The Serengeti Shall Not Die”, the first German documentary film to be awarded an Oscar. The Serengeti is Dr. Borner’s place of work. The TV crew joined him on an excursion to see just what has become of Grzimek’s legacy.

Documentary, 30 min., 2008, SD; Arabic, English, French, Spanish; LR

264702 002 Hama – A Rhinoceros, a Stranger in Africa
A young black hook-lipped rhinoceros comes from Frankfurt Zoo to Africa, to boost dwindling numbers of the endangered species as quickly as possible. A zoo animal released into the wild has much to learn: it must cope with a new environment, learn to locate food independently, and find its place among the wild animals whose territory it must now share. Will Hama overcome the challenges?

Documentary, 30 min., 2008, SD; Arabic, English, French, Spanish; LR

264702 003 Grzimek’s Legacy in South America
Prof. Dr. Bernhard Grzimek was the man who brought the animals of this world into German living rooms, with his television series “Ein Platz für Tiere” (A Place for Animals). When he let a fully-grown South American marine iguana run over his desk, a creature he knew Germans had never seen before, he not only fascinated people, he also mobilised them to support the preservation of the world’s last paradises. The camera crew follows in the footsteps of those who have taken up Grzimek’s cause, and who fight for the protection of threatened habitats and species in South America.

Documentary, 30 min., 2008, SD; Arabic, English, French, Spanish; LR

264702 004 Bears in the Andes
Few South Americans are aware that they share their homeland with a large species of bear: the Spectacled, or Andean Bear. The animals are descended from the largest primeval beasts of prey bears since the demise of the dinosaurs. They are still threatened with extinction to this day. Their natural habitat, the cloud forests of the Andes, is continually in decline, and they are also at the mercy of hunters.

Documentary, 30 min., 2008, SD; Arabic, English, French, Spanish; LR

264702 005 Grzimek’s Legacy in Asia
Grzimek’s successors are also active in Asia, for example in The Philippines and Indonesia. They are the resolute guardians of such magnificent wild animals as the langurs of Vietnam, the writhed-billed hornbills on the Philippine island of Panay, or the Sumatran orang-utans.

Documentary, 30 min., 2008, SD; Arabic, English, French, Spanish; LR
Douc Monkeys and Their Coats of Many Colors

Douc monkeys have very distinctive, vividly colored fur. Three species of Doucs live in the rainforests of Vietnam, Laos, and Cambodia, and they are all threatened with extinction. The primary dangers posed by the destruction of their habitats as well as the illegal hunting and keeping of the animals. The Endangered Primate Rescue Center in Cuc Phuong National Park in northern Vietnam is working to ensure the survival of the Doucs and other species of primate.

Documentary, 30 min., 2010, SD; Arabic, English, Spanish; LR

The Atlantic Salmon Returns to the Rhine

In the mid-1980s, all the nations along the Rhine agreed on a unique, joint nature conservation program to reintroduce the salmon, a fish that had been eradicated in the contaminated waters of the western European river. The program has succeeded in reestablishing the pollution-sensitive fish – in one of the world’s busiest waterways with its attendant throng of people and industry.

Documentary, 30 min., 2010, SD; Arabic, English, Spanish; LR

Bringing Back the Bush Dog

Many packs of bush dogs used to roam Brazil’s Atlantic rainforest, the Mata Atlântica. It originally covered an area of about two million square kilometers, but large-scale clearing has reduced the forest to just seven percent of its original size. Bush dogs are so shy and have become so rare that few Brazilians have ever seen one. Biologists are doing their utmost to try to preserve the species.

Documentary, 30 min., 2010, SD; Arabic, English, Spanish; LR

Wolves in Gran Paradiso

While wolves, along with bears and lynxes, were wiped out in Central Europe, a small population of wolves survived further south in the Apennine Mountains of Italy. Thanks to a variety of protective measures, their numbers are again rising. Scientists have been surprised to establish that some have moved north and now live in the Alps. But this could lead to a conflict of interests between wolf and man, for which new solutions must be sought.

Documentary, 30 min., 2010, HD; Arabic, English, Spanish; LR
264702 029
New for the Tree Frog
European tree frogs are small and green and can be heard for miles during mating season. They need pools free of fish to spawn, hedges and trees to hunt, and burrows to hibernate. Agriculture and river re-routing have destroyed many such landscapes. But the tree frog is now being introduced to a new habitat in western Germany.
Documentary, 30 min., 2017, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

264702 030
The Dolphin Farm
Dolphins such as the bottlenose are becoming increasingly rare: they are finding less food, and fishermen view them as competition. To the north of the Italian island of Sardinia, a group of these animals is displaying astonishing behavioral changes. Interacting with a fish farm, they have found a new habitat and source of food. The changes have no detrimental effect on the aquaculture.
Documentary, 30 min., 2017, HD; Arabic, English, Russian, Spanish; LR

264702 031
Tasmanian Devils Under Threat
The Tasmanian Devil is the world’s largest carnivorous marsupial and a symbol of the islands of southern Australia. The animal is facing two challenges to its existence: 90 percent of its population has been killed off by an aggressive, infectious type of cancer, and cars are a significant threat to the rest. Animal activists and environmentalists are doing all they can to safeguard the species from extinction.
Documentary, 30 min., 2017, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

264702 032
Rhinos for the Serengeti
The Serengeti in Tanzania is famous for its huge herds of herbivorous animals and the large feline predators that hunt them. Rhinos are the only animals that have almost completely disappeared from the national park, hunted almost to extinction by poachers. While heavily armed rangers try to protect the animals that are left, black rhinos from South Africa are being flown into the Serengeti to boost numbers.
Documentary, 30 min., 2017, HD; Arabic, English, Russian, Spanish; LR

264702 033
Albatross Island
Several species of albatross nest in the middle of the stormy Antarctic Ocean on Bird Island. Populations are facing severe pressure; many birds are killed by long-line fishing. No other animals travel so far so fast as albatrosses. They can circumnavigate the globe in a few weeks, almost without flapping their wings. The inhabitants of Bird Island have been the focus of the British Antarctic Survey for more than 50 years.
Documentary, 30 min., 2018, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

264702 019
The Peaceful Monkeys of Brazil
Brazil’s Atlantic rainforest is home to the largest and most threatened monkey species in the Americas: the muriqui. US biologist Karen Strier has been observing this monkey’s extraordinary behavior for several decades: In comparison to other primates, relations between male muriquis within a troop are extremely harmonious. But this unusual animal’s survival is threatened by the deforestation of their habitat.
Documentary, 30 min., 2010, SD; Arabic, English, Spanish; LR

264702 023
Surrogate Moms for Wombats
Wombats used to be regarded as vermin in Australia and were hunted mercilessly. Of the three surviving species, one is in acute danger of dying out: the northern hairy-nosed wombat. Scientists and former hunters are looking at ways to save the dwindling population. One approach is to use southern hairy-nosed wombats as surrogate mothers.
Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR

264702 025
The Vulnerable Nile Crocodile
The Nile Crocodile was under threat from intensive hunting until the mid-1990s. Since then, a number of protective measures have led to a recovery in numbers. But the sudden death of masses of the animals in Olifants River in the South African Kruger National Park shows that even species with healthy populations can be vulnerable.
Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR

264702 027
Back on the Prairie: The Black-Footed Ferret
The black-footed ferret was once as common on the North American prairie as its most important prey, the prairie dog. The slender ferrets live in vacant prairie dog burrows. It appeared as though depleted prairie dog populations had led to the extinction of the ferret. But small populations were discovered in 1981 and are now flourishing again in the US and Canada, thanks to breeding programs.
Documentary, 30 min., 2017, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

264702 028
Bazaruto, the Dugong Archipelago
The Bazaruto Archipelago National Park in Mozambique is home to the only remaining viable population of dugongs on the eastern coast of Africa. Dugongs, a kind of sea cow, live in sea grass meadows in shallow coastal waters from the Indian Ocean to the western Pacific. The South African activist Karen Allen and her team at the national park are committed to protecting this gentle species.
Documentary, 30 min., 2017, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

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Documentary, 30 min., 2018, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR
The Disappearance of the Belugas
Beluga whales can be found in most Arctic and sub-Arctic waters. One of their most southerly populations is in the St Lawrence Estuary on the eastern coast of Canada, and it's in decline. Not only are the animals here isolated from other populations, they're also exposed to harsh environmental pressures. Researchers are trying to pinpoint the factors contributing to the decline in beluga numbers.

Documentary, 30 min., 2018, HD; Arabic, English, Russian, Spanish; VoD, M, LR

In Search of the Wild Yak
Only around 20,000 wild yaks live on the vast steppes of western China, an area about half the size of Europe. The wild yaks are threatened by hunting, as well as by mixing with domesticated yaks and the diseases they can transmit.

Documentary, 30 min., 2018, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

Bearded Vultures over the Alps
The bearded vulture is a huge raptor that feeds primarily on bones. It lives in mountain regions of Asia, Africa and Europe. For a long time, it was erroneously regarded as a predator of herds and hunted to the brink of extinction. It was reintroduced to the French Alps 30 years ago; breeding pairs are now well established.

Documentary, 30 min., 2018, HD; Arabic, English, Russian, Spanish; VoD, M, LR

Asian Black Bears in the Ussuri Krai
The Asian black bear is prevalent in southern and eastern Asia. One of its subspecies – endangered like all the others – is the Ussuri black bear, which lives in the region of the same name in the far east of Russia. Poaching and the destruction of the bears’ habitat are huge problems. Biologist Alex Sedow is trying to find ways to protect the population.

Documentary, 30 min., 2018, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

The Crocodiles of the Okavango
The Okavango River begins in Angola, crosses a section of Namibia and then discharges into a closed basin in Botswana. It is home to Nile crocodiles, which are hunted as they pose a potential threat to humans. But the animals play an important ecological role: they eat large catfish, preventing these from proliferating and decimating stocks of other fish in the Okavango, which represent the livelihood of local people.

Documentary, 30 min., 2018, HD; Arabic, English, Russian, Spanish; VoD, M, LR

The Return of the Ferruginous Duck
The small ferruginous duck used to be a very common sight on the steppes of Asia and in central and eastern Europe. But populations have shrunk; in Germany the duck was almost completely eradicated. A breeding and resettlement program is now underway in the north of the country – and although the duck is regarded as relatively easy to breed, this is still a complex endeavor.

Documentary, 30 min., 2018, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR
Replica Leopard Fur – A Unique Conservation Project
The southern African leopard population is decreasing at an alarming rate. One key factor: members of a religious community wear leopard skins, once reserved for Zulu kings, as ceremonial garments – and they need replacing every few years. Conservationists are helping church members switch to faux fur.

Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, IFE, LR

The Alpine Ibex – A Success Story
The Alpine ibex was almost extinct two centuries ago, with just one hundred of them living in a single area of the Italian Alps. Thanks to conservation efforts and resettlement programs, this species of wild goat with its magnificent horns now numbers more than 30,000 and can once again be found throughout the Alps.

Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, IFE, LR

Desert Observations – The Gobi Bear
The Gobi bear is an extremely rare sub-species of brown bear and is considered critically endangered. It’s thought there are only 20-30 specimens left, living in a remote area of the Gobi Desert. But if they are to be protected, we need to find out more about them.

Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, IFE, LR

Vipers – The Snake That Came in From the Cold
The common European viper or adder is a small poisonous snake found across Europe and Asia. It’s special because it can also survive in northern climes, even beyond the Arctic Circle. While its total population is not under threat, the snake’s habitat requirements are so specific it faces challenges on a regional level.

Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, IFE, LR
Lemurs in Need – The Last Silky Sifakas
The demand for prized hardwoods is threatening the forests of Madagascar and the animals living there. The north of the island is home to the last 250 silky sifakas, a species of lemur. Its mountain habitat is being destroyed and the entire species is in critical danger.

Documentary, 30 min., 2020; Arabic, English, Spanish; VoD, IFE, LR

Cape Gannets – Daredevil Hunters Under Threat
Cape gannets are remarkable hunters native to the coastal regions of South Africa and Namibia. They plunge into the sea from great heights to catch schooling fish such as sardines. The shoals used to run into the millions, but they’re being decimated by intensive fishing, with drastic consequences – and not just for the gannets, as many other marine predators are also dependent on this source of food.

Documentary, 30 min., 2021; Arabic, English, Spanish; VoD, M, IFE, LR

Canadian Beavers – Return of the Dam-Builders
Beavers were almost eradicated from many parts of North America. They were hunted for their pelts and flesh, but also because their dams sometimes flooded fields and pastures, roads and homes. But there’s a growing realization that they play an important role in the ecosystem, one that can also benefit people. That’s why efforts are being made to resettle beavers in some areas.

Documentary, 30 min., 2021; Arabic, English, Spanish; VoD, M, IFE, LR

The Wandering Lions of Gujarat
The habitat of the Asian lion once extended from India to the Balkans. But of that vast area, just one tiny island remains: the Gir National Park in the state of Gujarat in western India. But recently, an increasing number of Asian lions are venturing outside the park and coming close to villages and farms. The situation is not as problematic as one might expect: a relationship is developing between lions and humans that is not defined by conflict but by tolerance and the ability to coexist.

Documentary, 30 min., 2021; Arabic, English, Spanish; VoD, M, IFE, LR
Since the 1960s, animal welfare activists have been fighting for the survival of the Serengeti, one of Africa’s most complex eco-systems, which extends from the north of Tanzania to the southwest of Kenya. In the language of the native Maasai, the word ‘Serengeti’ means “endless plains”. But climate change, population growth and poaching are endangering the land and the many species of animals living there. A team from the German Zoological Society in Frankfurt is working to preserve and protect the Serengeti National Park in Tanzania.
Indonesia’s Orangutans
They have human names like Dora, Suro or Jackie. They also behave very like humans, as they explore their habitat, the rainforests of the Indonesian island of Sumatra, with child-like curiosity. Everything is new for the orangutans, even though they are not babies. In fact, if they could talk, Dora, Suro, Jackie and all the others would have quite a few stories to tell. The animals are aged between 5 and 19 and have spent considerable lengths of time in captivity, as pets or as objects of prestige. Now, in their jungle school, they must learn to survive in the wild.

My Favorite
When asked what their favorite animal is, most people think of dogs, cats or horses. But stingrays, sponges and cattle also have their fans. Often, people with a rather unusual favorite are doing something to protect that species: all over the world, nature conservationists are doing their bit for animals – counting and examining them, nurturing the young in breeding centers, or campaigning against poaching, pollution and climate change. Their enthusiasm is infectious and inspires hope that it is perhaps not yet too late for the fascinating creatures of which they are so fond.
Guardians of Nature

Humans have made the earth their playground. Unspoilt habitats fall victim to merciless exploitation, cleared or ravaged for things it is believed we cannot live without. But we are all part of nature and cannot survive without it. More and more people are realising that the environment is more than just a supplier of cheap and abundant materials. Many are getting involved in nature conservation projects. Some dedicate their fortune, others their time; some even risk their lives. Their aim is the same: to preserve our planet’s biodiversity for the future. These people are Guardians of Nature.

264723 008
Protection for Threatened Mangrove Forests
The mangroves’ bizarrely interwoven root structures represent a unique habitat in tropical and sub-tropical coastal regions. Where salty and fresh water mingle, the mangrove forests provide protection for countless creatures. They are essential for the survival of many species of fish, and therefore for the livelihood of the local population. But mangroves are being destroyed all over the world, by tourism, environmental pollution or, for example in Brazil, industrial shrimp cultivation. Ulf Mehlig and Clemente Coelho are committed to maintaining these indispensable habitats.
Documentary, 30 min., 2010, SD; Arabic, English, Spanish; VoD, LR

264723 012
An Island for Humans and Monkeys
The Indonesian island of Maratua lies off the coast of Borneo. Sea nomads have settled here, built houses and cultivated fields. But their presence has not gone down well with the indigenous residents of the small island – a population of macaques. Biologist Thomas Ziegler is looking for ways to facilitate the coexistence of humans and monkeys.
Documentary, 30 min., 2010, SD; Arabic, English, Spanish; LR

264723 013
The Arctic Circle’s Primeval Forest
The Muddus National Park is situated in the far north of Sweden. At its heart is one of the last primeval forests in Europe. Jan Stuge is a Muddus park ranger. It’s his job to make sure people can continue to visit the forest without damaging its sensitive eco-system. After all, the more people experience such pristine natural surroundings, the greater the awareness of the need to protect them.
Documentary, 30 min., 2010, SD; Arabic, English, Spanish; VoD, IFE, LR

264723 014
Safe Passage for Elephants
Botswana is home to about 130,000 elephants – and that’s putting an environmental and economic strain on the human population. Many of the animals originate from regions in Namibia and Angola affected by civil war. Now they are retracing their steps through densely populated areas. Ecologist Mike Chase is trying to establish conservation enclaves that link Botswana with other elephant habitats.
Documentary, 30 min., 2011, SD; Arabic, English, Spanish; LR

264723 015
Saving the Elbe Floodplain
The floodplain of the River Elbe was once an open expanse of meadowland rich in flora and fauna. It was sustained by the grazing habits of large herbivores such as wild horses, wisent and aurochs. Today these areas are monocultures, or have been lost to forest encroachment. Andreas Wenk has now introduced a descendant of the extinct aurochs to the Elbe Valley floodplain.
Documentary, 30 min., 2011, SD; Arabic, English, Spanish; LR

264723 018
The Rain Forest Academy
Man’s voracious appetite for natural resources is threatening the lands and the way of life of the indigenous tribes of the Amazon Basin. In Ecuador, the Amazonica Academy, founded by publisher Mascha Kauka, aims to help the Indio peoples live with modern technology and in harmony with nature. Education and exchange programs should help the inhabitants of the region secure longterm sources of income.
Documentary, 30 min., 2011, SD; Arabic, English, Spanish; IFE, LR
Campaigning for Iceland’s Landscapes
Iceland has an abundance of energy sources thanks to its unique geology. Electricity, for example, can be generated almost everywhere with geothermal energy and hydropower. This attracts energy-intensive industries such as aluminium-smelting. Omar Ragnarsson is a journalist and environmentalist who campaigns for the protection of Iceland’s unspoiled territories, which he views as the nation’s greatest asset.
Documentary, 30 min., 2011, SD; Arabic, English, Spanish; LR

Rehabilitating Baboons
Baboons often raid houses and gardens in South Africa, and that makes them unpopular there. Rita Miljo looks after baboons whose parents have been killed. At her center on the edge of the Kruger National Park, the animals live in groups and are prepared for their reintroduction to the wild – far from houses, roads and people.
Documentary, 30 min., 2011, SD; Arabic, English, Spanish; LR

Saving the Snow Leopard
Snow leopards live in mountainous regions of Central Asia. They are hunted by poachers for their fur and killed by shepherds who drive their flocks to higher altitudes and encroach upon the leopards’ habitat. In Kyrgyzstan, biologist Thorsten Harder is leading a project to protect snow leopards – in cooperation with an anti-poaching squad who are risking their lives on behalf of the endangered animals.
Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR

Beautiful, Rare – Soon to Be Extinct?
The Banggai cardinalfish lives in a very small area off the Indonesian island of Sulawesi. It is a popular ornamental fish, and up to a third of the wild population is captured every year. Conservationist Yani Mile wants to stop the Banggai cardinalfish from becoming the first species to die out because of its popularity in the aquarium trade.
Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR

Battling the Illegal Bird Hunt
Most types of songbird and birds of prey are protected in many European countries. But on their annual migration between Europe and warmer climes in Africa, many birds are being illegally shot on the Mediterranean island of Malta. Bird protection groups from all over Europe are trying to put a stop to the practice.
Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR
Global Ideas

Melting polar caps, devastating hurricanes, and rising sea levels. The changes ascribed to climate change are disheartening to say the least. Our series Global Ideas features people across the world who are pursuing innovative projects to counter global warming. To reduce greenhouse gases, maintain biodiversity, provide food for thought, and promote effective action – these are the goals of the projects we profile. We present initiatives that are exemplary in character and creative in approach. Each show has four reports. All the projects are “best practice” models, featuring ideas worthy of emulation.

SAMPLE EPISODE 1 | 30 MINUTE VERSION

Nepal – Getting a Step Up in Society
Members of Nepal’s lowest castes have few opportunities to change their standing in life. The caste system was officially abolished in the 1960s, but little has changed since then.

Uganda – Saving the River Mpanga
The once mighty Mpanga in western Uganda has been devastated by human activity. Its waters are polluted, its banks degraded. An initiative is brought farmers, scientists and schoolchildren together in an effort to save it.

Colombia – Desalination Plants Purify Water
La Guarjira, a department in northeastern Colombia, has a problem: a shortage of clean water. The Wayuu people are suffering as a result. Their children are particularly vulnerable. Small desalination plants may be the solution.

South Africa – Bees That Scare Elephants
The elephant population in South Africa’s Kruger National Park is growing by the year – which is good news. But there’s a problem. The elephants are devouring the park’s precious marula trees. So the park has enlisted some bees to help protect them.
Uganda – Breeding Rhinos
The Southern white rhinoceros once faced extinction. But the population is slowly recovering thanks to organizations like the Rhino Fund Uganda. It runs a breeding program in Ziwa National Park. The 7,000 hectare sanctuary is now home to 24 rhinos.

Dominican Republic – Waste Management
The Dominican Republic has a garbage problem. Little of the country’s rubbish is separated and recycled. Now that’s set to change in San Cristóbal where modern waste management is being promoted. Local people are clearing and composting trash.

Vietnam – Fighting Exhaust Emissions
Hanoi’s air quality is breathtakingly bad. Now the Vietnamese capital is beginning to tackle the problem. Efforts include pollution monitoring, raising awareness and improving public transport – for a greener Hanoi.

Mexico – The Spread of Brown Algae
Caribbean coasts often feature stretches of fine white sand. But some of Mexico’s most popular beaches are covered in heaps of stinking algae. What to do about the infestation? Omar Sánchez Vásquez built himself a house made largely of dried algae.

Peru – Battling Wildlife Trafficking
At a market in Iquitos, Peru, all sorts of endangered animals are sold both dead and alive. Animal conservationists do what they can to rescue endangered species from wildlife traffickers.

Rwanda – Deforestation Threatens Rare Golden Monkeys
Golden monkeys are one of the rarest primate species in the world – but their habitat is threatened by people cutting down trees for firewood. More efficient stoves run on less fuel, so fewer trees are felled.

Belize – Climate Friendly Farming
In Belize, woodlands are often burned to create fertile fields, but that releases vast amounts of CO² into the atmosphere. Now farmers are reviving traditional, more climate-friendly methods.

Kenya – Maasai Women Working as Rangers
The Maasai are nomadic pastoralists of East Africa. The Maasai women traditionally don’t hold jobs. But now several are being trained to work as rangers around Amboseli National Park.

Chile – Energy Transformation
Chile gets plenty of sunshine, so more and more businesses are using the affordable energy source as a way to cut costs. The German-Chilean Chamber of Commerce also offers training in the efficient use of renewable energies.

Rwanda – Reducing Soil Erosion
Rwanda is often referred to as “the land of a thousand hills.” But its typography also makes it vulnerable. Heavy rain often results in soil erosion and damage to villages. To help prevent that, farmers are being encouraged to terrace their fields.

Iraq – A Haven for Leopards
Kurdish biologist Hana Raza feared that Persian leopards hadn’t survived the years of war in northern Iraq. But then one was spotted in the mountains in 2011. Since then she’s been campaigning for their protection.

Nepal – Hydro-power Provides Prosperity
More than a quarter of Nepal’s population is without access to electricity. Many villages use mini hydro plants to generate electricity. The scheme is supported by the government and other organizations.
Belize – Lobbying for Crocodiles
US-born Marisa Tellez has always been fascinated by crocodiles. Today she’s a leading researcher on the reptiles in Belize. She wants to spread the message that crocodiles are not monsters but vulnerable creatures deserving of protection.

Russia – Climate Change and Arctic Reindeer
For centuries, the Nenets people have wandered across northern Russia with their reindeer. But now, climate change threatens to bring an end to their nomadic existence. Researchers are looking for a way out of this man-made crisis.

Uganda – Kampala Gears Up for E-Mobility
Two startups are blazing a trail for e-mobility by introducing electric motorcycle taxis to the streets of Kampala. The aim is to revolutionize Uganda’s traffic and transport sectors.

Argentina – Penguin Colonies Drowning in Plastic Waste
Even in Tierra del Fuego at the southern tip of Argentina, the environment is polluted with plastic. Biologist Andrea Raya Rey, who studies penguins there, finds nests full of plastic trash. With the help of supporters she is hoping to change that.
SOS – Earth Calling!

Massive changes are underway on planet Earth, and many have to do with human actions and their intended and unintended consequences. Greenhouse-gas emissions, pollution and land degradation drive climate change, which poses a threat to the environment as a whole, to biodiversity, and to humankind itself. Global warming is setting a destructive, self-accelerating chain of climatic events in motion, resulting in more frequent natural disasters. More and more farmland is being lost the world over. Some argue that genetically manipulated organisms can help solve the problems, but the consequences of releasing such organisms into the environment are not known.

SOS – Earth Calling! Many people are hearing this cry for help. The nations of the world won’t rethink their response to global warming overnight, but local projects can try to mitigate some of the consequences of our blind exploitation of the Earth.

564771
Documentary, 03 x 30 min., Arabic, English, Spanish

564771 009
Contaminated Ground – Industry’s Toxic Legacy
Industrial plants often use toxic substances. And if waste from the manufacturing process seeps into the ground, it can pose a threat to the health of those living in the surrounding area. Germany is now going to great lengths to clean up several former industrial sites.
Documentary, 30 min., 2014, SD; Arabic, English, Spanish; LR

564771 011
Chemicals in Water – The Invisible Threat
Increasing amounts of pharmaceuticals and other chemicals are being found in lakes and rivers, and in our drinking water. These substances cannot be filtered out completely, even by the most advanced purification and sewage-treatment plants. Researchers are warning of the considerable risks.
Documentary, 30 min., 2014, HD; Arabic, English, Spanish; VoD, IFE, LR

564771 013
Nuclear Waste – Submerged and Forgotten
Until the 1990s, Europe’s nuclear waste was simply put into containers and thrown into the sea – in all, more than 100,000 tons of radioactive material. Now, those containers are beginning to leak. This nuclear legacy has come back to haunt the Europeans.
Documentary, 30 min., 2014, HD; Arabic, English, Spanish; LR
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Founders’ Valley
How Asia’s Startups Founders Work on Innovative and Inspiring Solutions

Award-winning German entrepreneur Fridtjof Detzner sets off to look for people with visionary ideas across Asia. He meets with start-up founders and activists who work on innovative and inspiring solutions to pressing problems: artificial ice-stupas fighting climate change, revolutionary materials to save the world’s oceans, smart apps to fight hunger ...

Of course, entrepreneurship isn’t always glorious. It requires a ton of sacrifice and total dedication. We also show the challenges founders need to overcome as well as the troubles and opportunities in a digitized and globalized world. Showcasing unique characters, their stories and the solutions to some of the world’s most intractable issues that they offer, we feel the pulse of the Asian start-up ecosystem and what makes it so special. Come meet people and companies working on innovative and inspiring solutions in Founders’ Valley.

064901 001
Mongolia: Between Tradition and Globalization
Mongolia is undergoing rapid transformation. Fridtjof’s search leads him to inspiring founders hoping to profit from global markets and make their dreams come true.
Documentary, 30 min., 2018, HD; English; WW, VoD, M, IFE

064901 002
Hong Kong: Urban Visions
In Hong Kong, high rents affect residents and young creatives. Architect Vicky Chan and Fridtjof discuss possible solutions for increasingly crowded cities.
Documentary, 30 min., 2018, HD; English; WW, VoD, M, IFE

064901 003
Taiwan: Technology – Promise or Peril?
Young founders in Taiwan are taking electronics manufacturing to the next level. They tell Fridtjof about the positive and negative impacts of technology.
Documentary, 30 min., 2018, HD; English; WW, VoD, M, IFE

064901 004
Malaysia: Energize the World
Founders in Malaysia talk to Fridtjof about the growing demand for energy and their drive to enhance efficiency and find alternative sources. Their vision: to secure the planet’s energy supply.
Documentary, 30 min., 2018, HD; English; WW, VoD, M, IFE

064901 005
Singapore: Horizons of Health
Will we grow replacement organs in the lab? Will only the rich be able to afford medical innovations? Entrepreneurs in Singapore share their visionary answers with Fridtjof.
Documentary, 30 min., 2018, HD; English; WW, VoD, M, IFE

064901 006
Indonesia: Food for the Future
Indonesia doesn’t grow enough to feed its growing population. Innovative founders present Fridtjof with their forward-looking solutions like vertical farming or insects as food.
Documentary, 30 min., 2018, HD; English; WW, VoD, M, IFE
Bangladesh: Worlds of Work
In Bangladesh, one of the world’s poorest countries, Fridtjof encounters brutal working conditions and meets optimistic founders seeking to move their country forward.
Documentary, 30 min., 2018, HD; English; WW, VoD, M, IFE

Indonesia: Sacred Water – Scarce Water
Bali, the ‘island of holy water’, is running out of clean water. Founders there help remote communities gain access to the valuable resource and urge facilities for tourists to use water more frugally.
Documentary, 30 min., 2018, HD; English; WW, VoD, M, IFE

India: Drowning in Plastic
India is drowning in plastic waste. Fridtjof meets with visionary founders who want to address the country’s pollution crisis and are fighting for a cleaner India.
Documentary, 30 min., 2018, HD; English; WW, VoD, M, IFE

India: The Climate Challenge
As India seeks to address the problem, more and more entrepreneurs there are coming up with ideas to tackle climate change before it’s too late.
Documentary, 30 min., 2018, HD; English; WW, VoD, M, IFE
How Asia's Startups Drive Digital Change

Technological and digital advances are bringing disruptive and transformative changes that will impact every aspect of our lives. Industry, governments and civil society are trying to anticipate how the pace and scale of these developments will change the way our world works, and tackle the challenges ahead.

Startups are among the main drivers of digital transformation. In season two of Founders' Valley, female entrepreneurs from Germany travel throughout Asia to meet inspiring entrepreneurs and see how their ideas are changing the planet.

Founders’ Valley presents inspiring founders and innovative solutions for a digitized future.

064901 011
South Korea – Driven to Succeed
Korea’s education system is ruled by competition. With suicide being the No.1 cause of death among teenagers, it’s been argued the system produces overachieving students who pay a high price in health and happiness. Digitization could bring about a change to Korea’s overheated education system.
Documentary, 30 min., 2019, HD; English; WW, VoD, M, IFE

064901 012
Thailand – In Data We Trust
Everything we do in the digital world involves data. The bits and bytes can serve our interests or be used against us. But without digital trust there can be no digital business. How do startups deal with personal data and cybersecurity?
Documentary, 30 min., 2019, HD; English; WW, VoD, M, IFE

064901 013
Philippines – The Dream of New Money
The 2008 financial crisis spread distrust in banks and sped up the acceptance of new kinds of money. Cryptocurrencies like Bitcoin now promise to provide transparent, democratic alternatives. Startups in the Philippines are disrupting old structures.
Documentary, 30 min., 2019, HD; English; WW, VoD, M, IFE

064901 014
Indonesia – Women Breaking Bounds
All over the globe, digital transformation is opening new paths for women. In Indonesia, more and more women are taking the opportunities for independence it offers to open a business. But how do the young founders cope with the challenges posed by the role? All have had to overcome hurdles thrown up by traditional structures, widely accepted clichés and investors who prefer to bet on men.
Documentary, 30 min., 2019, HD; English; WW, VoD, M, IFE

064901 015
India – Breaking Silence: Ending Violence
In India, public outrage over violence against women has reached fever pitch. Entrepreneurs are no longer willing to let the devastating violations go unchallenged – and so they’re trying to create safer cities with technology.
Documentary, 30 min., 2019, HD; English; WW, VoD, M, IFE
Forward to the Future

Millennials around the world are set to be the most highly educated generation to date. They’re a generation characterized by talent, innovation, an overwhelming desire for social change, and a powerful entrepreneurial spirit. At the same time, young people today face huge global challenges, including the threat posed by climate change, ongoing geopolitical crises and rising inequality. But as more and more millennials pursue education and job opportunities across borders, they develop global perspectives – and are poised to design a more inclusive world.

In the third season of Founders’ Valley, we meet with young social entrepreneurs in Asia working on social innovations that mirror the hopes of their generation. The episodes are hosted by Bianca Praetorius, who advises founders worldwide. She meets Asian entrepreneurs who strive for nothing less than a fairer world.

Founders’ Valley – Forward to the Future shows the way there.

064901 017
Malaysia – Humanity on the Move
A vast majority of undocumented migrants work in so-called “3D jobs” - dirty, dangerous and demeaning. Millions live a life without any prospects. We meet entrepreneurs in Malaysia who are trying to give migrants back their dignity. Foreign workers contribute more than a third to Malaysia’s gross domestic product; they help shape the country’s economy and society. However, undocumented migrants tend to exist outside the formal infrastructure. Most of them work in low-skilled jobs in miserable conditions, often existing on the margins of society. Startup founders are helping improve the lives of migrants in Malaysia.

Documentary, 30 min., 2020, HD; English; WW, VoD, M, IFE

064901 018
Indonesia – Our Wounded Planet
An entire generation of young people is rejecting the idea of unlimited economic growth on a planet with finite resources. Among them are social entrepreneurs in Indonesia looking for ways to do business that don’t harm the environment.

The poles are melting. Sea levels are rising. Dozens of species go extinct every day. Environmental migration is already happening on a vast scale. It’s long past time to admit that the biggest threat humanity faces is climate change. Indonesian entrepreneurs are trying to alter the rules of the game. They’re determined to run profitable businesses that are part of the solution, rather than part of the problem. We desperately need new sustainable concepts in business – but can humanity change?

Documentary, 30 min., 2020, HD; English; WW, VoD, M, IFE
**Inside Economics**

Every day we hear about what is supposedly good or bad for the economy. But what exactly is “the economy”? Major players may feel remote, and economic principles obscure, but in fact we are all economic agents and part of the system ourselves. We may imagine economic developments are happening somewhere “out there”, but in fact we are in the midst of them the entire time. How do they affect our lives? What happens on the financial markets? What do free trade agreements mean for us? We look for the answers to such questions in Inside Economics.

064873

Documentary,
05 x 30 min.,
Arabic, English, Spanish
03 x 30 min.,
Russian

064873 001

**Goodbye Cash**

Sweden and Denmark look set to become the world’s first – almost – cashless societies. Nearly all payments there are already made by card, transfer or app. It’s quick and easy, and should make it harder to evade tax or work illegally. Producing fewer banknotes and coins also cuts costs. But can a society really function without cash? What does it mean for democracy? Does it mean ceding control of our money to banks and the state?

Documentary, 30 min., 2016, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

064873 002

**A World in the Red**

The world’s industrialized nations are 55 trillion Euros in debt. Many are slashing public budgets as a result, although this does little to get the situation under control. Combined with speculative financial markets that dominate the economy, this represents a danger to prosperity, society and democracy. A world mired in debt is not a natural phenomenon, but rather the consequence of an unfettered financial sector and many bad decisions.

Documentary, 30 min., 2016, HD; Arabic, English, Spanish; LR

064873 003

**Free Trade – Pledges and Reality**

Many countries have signed up to international free-trade agreements. They are sold as engines of prosperity, generating jobs and investment. But is that the way it really is? And if they do enhance prosperity, whose prosperity is it? Who benefits? Ordinary people or large corporations? NAFTA, the trade agreement in place between the US, Canada and Mexico, offers some interesting insights.

Documentary, 30 min., 2016, HD; Arabic, English, Spanish; LR

064873 004

**Warning: High-Frequency Trading**

Traders on the world’s stock exchanges are not always people. These days, it is often computers, placing orders in a flash on the basis of sophisticated algorithms. One strategy seeks to exploit even tiny price fluctuations to turn a profit. This kind of trading carries a multitude of risks and could potentially trigger market crashes.

Documentary, 30 min., 2016, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

064873 005

**Offshore Business – A Gray Area**

Offshore companies are simple to set up, and international law firms can use them to spin complex networks to obscure ownership and “optimize” tax liabilities. Many well-known banks have been only too keen to handle their business. Offshore companies are a major industry in a number of low-tax or no-tax countries. It is not usually illegal to own one. Using them to avoid tax or conceal identities can be. How do offshore companies work? How do criminals use them to their benefit?

Documentary, 30 min., 2016, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR
Tricks of the Trade

Whenever we buy something – in the supermarket, the shopping mall or online – we participate in a market, local or global. But do we make intelligent decisions when we part with our money? And what are the consequences for the environment, our own health and that of the workers toiling to make the products we buy? Only the well-informed can make responsible purchase decisions, though some manufacturers would prefer us all to be blissfully ignorant: For them, an awful lot of money is at stake. That is why they often declare crucial facts about their products only when forced to by law. And marketing strategies can often amount to perfidious manipulation. But a sustainable economy needs informed and critical consumers. We reveal some of the Tricks of the Trade.

064814  004
**Throwaway Society – Electrical Equipment That Simply Don’t Last**
Our lives are filled with consumer electronics and electrical appliances. When they stop working, it is often said they are not worth repairing and they are simply thrown away. Is industry intentionally making products that break down quickly and can’t be fixed?
Documentary, 30 min., 2013, HD; Arabic, English, Spanish; LR

064814  006
**Healthy or Dangerous? – Synthetic Vitamins**
Vitamins are essential for life; without them we would fall ill. The manufacturers of vitamin supplements would have us believe that the high doses they sell us contribute to good health. But scientific studies cast serious doubt on such claims: Many supplements are useless, and some are downright dangerous.
Documentary, 30 min., 2013, SD; Arabic, English, Spanish; LR

064814  011
**Pesticides in Tea – A Bitter Aftertaste**
Tea is the world’s second most popular beverage after water, and Kenya is one of the world’s largest growers of tea. Few tea drinkers realize that on many plantations pesticides are used; that is something the industry does not talk much about. The pesticides endanger the health of plantation workers and also leave traces in the final product.
Documentary, 30 min., 2014, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

064814  013
**Sweet Seduction – The Sugar Drug**
Sugar makes you happy, but also fuels a craving for more. Food manufacturers exploit this fact to their own ends. Commercials make enticing offers: the bigger the pack, the better the price! Product labels often conceal the true sugar content.
Documentary, 30 min., 2014, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

064814  014
**The Likes Business – Advertising in Social Media**
Social media platforms don’t only bring people together – they are also, perhaps first and foremost, powerful advertising tools. For businesses, politicians and celebrities it can be hugely important to increase the numbers of followers, friends or “likes”. In order to do this, they use sophisticated marketing strategies. Or they simply buy their “fans”.
Documentary, 30 min., 2016, HD; Arabic, English, Spanish; VoD, IFE, LR

064814  015
**The Online Dating Love Trap**
Online dating sites are booming: More and more lonesome souls are searching for a partner online, and are prepared to pay for the service. But there can be nasty surprises in store: many dating sites use fake profiles. And criminals are also being drawn to the online love business by the promise of a quick profit.
Documentary, 30 min., 2016, HD; Arabic, English, Spanish; LR

064814  016
**The Diet Deception**
Have you ever tried unsuccessfully to shed those extra kilos by dieting? And was your wallet the only thing lighter at the end of it all? There are all kinds of weight-loss products on the market, many of them claiming their effectiveness is scientifically proven. Using a fake “chocolate diet”, two journalists show how easy it is to manipulate scientific studies to deliver the desired outcome.
Documentary, 30 min., 2016, HD; Arabic, English, Spanish; VoD, IFE, LR
The unassuming tomato has become a profitable and competitive item on the global market. The world's largest producer is China, although the country itself has very few tomato consumers. Tomato purée from China is marketed in packaging to make it look like it comes from Italy. Some of these products contain additives that push down price and quality. Without clear labelling requirements manufacturers will continue to use tricks like these, and the exploitation of harvesters and the displacement of smallholders will remain a problem.

Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, M, LR

In Europe, vast amounts of clothing are bought and frequently disposed of after just a few months. Often the clothing is dumped in containers to be distributed to the poor – or at least that's what most donors believe. But 98 per cent of these items are fueling a globally-active, profit-orientated industry. In Tunisia, for example. There, second-hand clothes are sorted and then sold or recycled. Some of the items even find their way back to the countries where they were first discarded – to be sold as vintage fashion pieces in chic second-hand boutiques.

Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, M, LR

For a long while, many people regarded fur as an ethical fashion taboo. The fur industry responded by claiming that fur is a “sustainable natural product” and by creating its own certification to back it up. It also focused on selling more small fur accessories instead of fur coats. The strategy has paid off, with customers reporting fewer ethical concerns over the purchase of fur. For the animals that bear the precious fur however, nothing has changed.

Documentary, 30 min., 2016, HD; Arabic, English, Spanish; VoD, IFE, LR

Humans are the only living beings that cook food so that it will appeal to all the senses. Food should not only satiate our appetites, it should also smell and look good. The food industry knows how to take advantage of this cultural accomplishment, with food designers creating an increasing number of products that claim to be an all-round sensory experience.

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Documentary, 30 min., 2016, HD; Arabic, English, Spanish; VoD, IFE, LR
064814 022
Weather as a Commodity
Sectors such as agriculture and logistics, but also insurance and tourism rely on weather forecasts. And even the average media consumer likes to know if it’s going to rain or snow the following day. Weather data and their dissemination have therefore become a lucrative commodity; the range of services more diverse. But what does this mean for the quality of the forecasts themselves?
Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, LR

064814 023
Meat with Side-Effects
Sodium nitrate makes food look good, which means it’s good for the sale of industrially processed meat products, but probably bad for consumers’ health: the WHO has classified it as carcinogenic. But the meat industry is afraid of a sales drop without it, and the additive is still widely used. A vociferous lobby and dubious scientific practices are helping the industry to deny the health risks associated with the consumption of meat.
Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, M, LR

064814 024
Cruises: The Uncomfortable Facts
The cruise boom continues apace, with promises of luxury and holidays of a lifetime. But the business of realizing dreams has a massive dark side. Quite apart from the liners’ very high pollutant emission levels, crew members are frequently the victims of what’s being dubbed “sweat ship” exploitation. A high-gloss world that’s beginning to show cracks, which could in turn herald a new era in fair and environmentally-friendly cruise ship tourism.
Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, M, LR

064814 025
Fast Food: Double Standards for Health
Many major food manufacturers and fast food suppliers in Europe and other western states pledge to act responsibly when it comes to consumers’ health. They offer products with no or very little added sugar and no preservatives, artificial colorings or flavorings. They don’t actively promote sweetened soft drinks, include water as a fast food meal option and refrain from targeting children in their advertising. But in less wealthy markets, for example in South America or Asia, it’s a very different story. Here, recipes contain significantly higher levels of salt, sugar and other harmful substances. And even in wealthier nations, manufacturers are finding ways to circumvent their own commitments, primarily to appeal to children.
Documentary, 30 min., 2020, HD; Arabic, English, Spanish; M, IFE, LR

064814 026
Slow vs Fast Fashion
Fashion is a fickle beast. Manufacturers bring as many as 12 collections to market each year; more than 100 billion items of clothing are made globally every year. Faster, cheaper and in ever greater volumes: “Fast Fashion” is booming. The impact and the downsides make familiar reading: workforces in low-wage countries are exploited; production and shipping require astronomical amounts of water and energy, leaving a large carbon footprint; and 62 million tons of clothing are cleared out of the world’s wardrobes every year - 80% of which ends up in landfill. The “Slow Fashion” movement aims to counter this trend, and it’s finding more and more adherents. The movement encourages consumers to buy fewer, high-quality garments and aims to come up with some new ideas – for fashion with a future.
Documentary, 30 min., 2020; HD; Arabic, English, Spanish; VoD, M, IFE, LR

064814 027
FSC – Greenwashing Illegal Timber
The Forest Stewardship Council was founded to create an international system for certifying sustainable wood. The non-profit organization allows companies that manufacture environmentally-sound forest products, primarily wood and its derivatives such as furniture and paper, to mark their goods with the FSC seal of approval. The seal is intended to reassure consumers that they can buy the products with a good conscience. But critics say the certification scheme is failing. For example, the seal is being used by companies processing illegally logged wood from primeval forests. A quarter of a century after the FSC was founded, virgin forests are still rapidly disappearing and indigenous communities continue to be displaced. Is an eco-certification enough to stop the deforestation juggernaut?
Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, M, LR
Agriculture is under pressure to feed a burgeoning global population. And it has undergone dramatic developments in this regard over the last 100 years. But increasing industrialization of the sector has negative consequences: it burdens the environment and replaces manpower with technology, providing fewer people with a livelihood. If these developments continue unchecked, then before long the food we eat will be controlled by large corporations, and food markets will be geared towards short-term profit – at the expense of non-renewable resources such as land and water, at the expense of the rural population and biodiversity. But this is not the only way forward. Sustainable agricultural approaches and an efficient smallholding economy can in the long term create equilibrium between food security and the utilization of natural resources. There are examples of this all over the world, pursued by people who are Farming for the Planet.

**Farming for the Planet**

064858 001

**Preserving the Land**

Ethiopia is not able to grow enough food to feed its population, and much of its fertile land is lost to erosion every year. New projects are working to counter this through rainfall retention.

Documentary, 30 min., 2016, HD; Arabic, English, Spanish; VoD, IFE, LR

064858 002

**Species-Appropriate Cattle Breeding**

Industrially produced cattle yield plenty of milk and meat. But these high-performance animals are vulnerable and have poor genetic potential. Cattle reared in a manner appropriate to their species are more robust, live longer and healthier lives and yield better-quality products.

Documentary, 30 min., 2016, HD; Arabic, English, Spanish; VoD, IFE, LR

064858 003

**Fish Without the Side Effects**

Many fish stocks are endangered through overfishing and marine pollution. Fish farms are also rarely sustainable and actually exacerbate the problem. But there are alternative approaches – and valuable traditional practices.

Documentary, 30 min., 2016, HD; Arabic, English, Spanish; VoD, IFE, LR

064858 004

**Time for Changes in Tea Production**

The Indian district of Darjeeling is famous for its tea plantations. But the effects of soil exhaustion and erosion on the steep slopes where the plants grow are taking their toll. One tea producer has found a solution: his biodynamic, fair-trade approach is proving to be a success.

Documentary, 30 min., 2016, HD; Arabic, English, Spanish; VoD, IFE, LR
Defending Agriculture Against Drought
Some 40 percent of the world’s land surface is now classified as dry land. Scientists expect climate change to continue to exacerbate extreme heat in many parts of the world. How should agriculture respond to this? Technology provides many possibilities, but these are only within the reach of large-scale concerns in developed nations. But there are also simple, affordable solutions that are proving to be effective in poorer countries such as Burkina Faso. Here, education is the key.

The Fight for Future Food Systems
There are many different answers to the question of how to feed the world’s growing human population. Dutch agronomist Peter Smeets favors high-tech, intensive crop cultivation and livestock farming in industrial zones around cities. German farmer and agronomist Felix zu Löwenstein wants to see decentralized, ecologically sustainable food production, which offers rural populations a long-term livelihood so they no longer move to urban centers.

For the Survival of Bees
There’s been a sharp spike in honey-bee deaths in many parts of the world. But the insects are essential for the fertilization of many crops. What is the connection between the collapse of bee colonies and farming? What can farmers do to stop the dying?

The Quest for Food Security
The future of food production is more uncertain than it has been in recent decades, and in light of the growing global population it has become an urgent issue. Due to rising meat consumption, the use of energy crops, pest infestations as well as crop and transport losses, less than half of the world’s crop yield is available for human consumption. Projects in Tanzania, Brazil, the US, Germany and Switzerland show how food production can be made more sustainable, more environmentally friendly and less damaging to the health of the rural population.
Wine – The Future is Organic
More pesticides and other chemicals are used to treat grapevines than any other food crop. But an increasing number of winegrowers are switching to more sustainable cultivation methods. Examples from Austria, Switzerland and Italy show that ecology and business can go hand in hand.
*Documentary, 30 min., 2017, HD; Arabic, English, Spanish; VoD, IFE, LR*

Life on a Biodynamic Farm
The Pageot family runs a farm with dairy cattle and pigs, arable crops and a dairy in Brittany in northern France. They adhere to the principles of biodynamics, something initially regarded with great skepticism by their neighbors. But the method isn’t mumbo jumbo, and the Pageots aren’t dogmatic about it. They are simply doing what they believe works best in agriculture.
*Documentary, 30 min., 2017, HD; Arabic, English, Spanish; VoD, IFE, LR*

Lentils: The Ideal Crop for a Hotter Planet?
Lentils thrive especially well in arid regions and store nitrogen from the air in root nodules. This means growing them is a natural way to fertilize the soil. Lentils are also very nutritious. That’s why they are the subject of intensive research, to optimize industrial cultivation as well as integrate them into smallholders’ crop rotation schedules. It’s hoped that growing more lentils will both counteract climate change and malnutrition.
*Documentary, 30 min., 2021, HD; Arabic, English, Spanish; VoD, M, IFE, LR*

The “Post-Fossil” Farming Movement
The agriculture industry consumes a huge amount of fossil resources, for example in the form of fuel and fertilizer. But a number of promising approaches are preparing for a “post-fossil” culture – and not just in farming. The movement aims to equip both cities and rural areas for the dual challenge presented by climate change and dwindling resources by enhancing self-sufficiency and cooperation.
*Documentary, 30 min., 2021, HD; Arabic, English, Spanish; VoD, M, LR*

Biodiversity and Agriculture – A Fruitful Coexistence
Intensive farming often produces food to the detriment of biodiversity. Farmers practice monocropping over increasingly large areas of cultivated land. In Europe, long-term studies point to a worrying decline in insect species – a complex process that’s difficult to halt. And this despite the fact that around half of global economic output depends on intact ecosystems. New ideas and concepts show that coexistence between intensive farming and biodiversity is not only possible, it can also be mutually beneficial.
*Documentary, 30 min., 2021, HD; Arabic, English, Spanish; VoD, M, IFE, LR*
AGRICULTURE

Digital Food
The digitalization of agriculture continues apace. Many startups use funding mechanisms, intelligent technologies and big data in future-oriented food production. The new concepts range from bridging the transition phase from conventional to organic farming and the application of technology for greenhouses through to minimizing losses in food production chains. These and other developments can help to provide a growing global population with sustainably produced and healthy food - that also tastes good.
Documentary, 30 min., 2021, HD; Arabic, English, Spanish; VoD, M, IFE, LR

Regreening the Planet
For decades now, we’ve been losing vast tracts of arable land worldwide – and the arable land itself has been losing its fertility. This is due to land repurposing, logging, slash-and-burn farming and harmful farming methods that promote erosion and deplete the soil. But agriculture can also play a part in reversing soil degradation. This benefits biodiversity and nature, but also the economy and the lives of people in affected areas.
Documentary, 30 min., 2021, HD; Arabic, English, Spanish; VoD, M, IFE, LR

Vertical Farming
A lot of food is produced far away from the people who eat it in processes that use vast amounts of water and raw materials. Distribution is often so inefficient that large amounts of produce perish, while people in other places go hungry. One solution would be to grow food in or close to cities – vertically to limit land usage. The practice has already been tried and tested. Vertical farming technologies are eco-friendly, resilient to weather conditions and produce higher crop yields than conventional methods. If used in conjunction with other sustainability strategies, the approach could help to solve our food supply problems.
Documentary, 30 min., 2021, HD; Arabic, English, Spanish; VoD, M, IFE, LR
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Around 100,000 French troops were sent to occupy Germany’s Rhineland region in 1920. About 20,000 of these soldiers came from the French colonies of Tunisia, Morocco, French Indochina, and Senegal.

The African troops became targets of a harassment campaign called “Die Schwarze Schmach,” or “The Black Disgrace.” German political parties, the media, and many organizations tried to discredit French occupation policies by falsely claiming that black French soldiers were systematically raping German women and children. The presence of black, North African, and Asian troops in Germany was depicted as a threat to the “German race” and the future of European civilization.

Between 1919 and 1928, several hundred mixed-race children were born in Germany’s Rhineland region – the product of liaisons between local women and French occupation troops. These children, their mothers, and extended families were socially ostracized from the very beginning.

In the 1930s, these children became victims of racist Nazi policies. In 1937, Adolf Hitler secretly ordered hundreds of them to be forcibly sterilized. A special unit of the Gestapo was set up to carry out this task.

This documentary, directed by Dominik Wessely, tells the story of a forgotten crime. It also explains how propaganda and toxic “fake news” reports can create an environment in which horrific crimes can be committed.
Displaced

According to the UN there are now more than 70 million refugees worldwide. The series Displaced focuses on the causes of this historical negative record and tells exemplary stories from different continents.

The documentaries draw attention to questions to which there are only complex answers – for example, about the links between international trade policy and migration, about the effects of the lifestyle of people in the northern hemisphere on their neighbors in the southern hemisphere, or why some countries become a political football for the great powers USA, Russia and China.

001 Oil and Ruin – The Venezuelan Exodus
Venezuela is experiencing an unprecedented humanitarian crisis. Hunger is widespread and there is a severe shortage of medicines. The UN estimates that more than four million people have now fled what was once South America’s richest nation.

002 Ghana’s Bitter Fruit – Tomatoes, Dumping and Migration
What do tomatoes have to do with mass migration? Tomatoes are a poker chip in global trade policies. Subsidized products from the EU, China and elsewhere are sold at dumping prices, destroying markets and livelihoods in Africa in the process.

003 Drought and Floods – The Climate Exodus
More people around the world are fleeing from climate change than from war. If human-induced climate change continues at the current rate, the World Bank warns that by 2050 there could be as many as 180 million climate refugees.
The Migration Millennium

Increasing numbers of people all over the world are leaving their homes to build their lives in a different place. At least 150 million people worldwide are living as migrants in a country that is not their nation of origin, but many more are leaving behind all that is dear to them for a destination within their home country. The reasons are just as diverse as the ways and means: from labor migration and joining other family members, to escape from persecution and war. While some are only away for a short time, others know they will be relocating for several years, perhaps even for the rest of their lives. Most nations only welcome highly-qualified economic migrants. In our globalized world, more and more people are on the move. And they are having an increasing influence on political, societal and economic processes in both their nations of origin and their destination regions. The Migration Millennium highlights the difficulties and the consequences of flight and migration movements – but also the opportunities they present to our global community.

864885 001
The Hellish Journey to Tijuana
Every day, thousands of people from South and Central America head to the US. The main reason for their flight is violence by gangs and drug dealers in their homeland. But most of the refugees never reach their intended destination – they are threatened with prison, deportation and even death.
Documentary, 30 min., 2017, HD; Arabic, English, Spanish; LR

864885 002
Villages of Abandoned Children in China
In China, boomtowns are attracting millions of migrant workers. They pay a high price: their children are brought up by relatives, because only in their home villages do they have a right to education. An entire generation is missing from rural areas.
Documentary, 30 min., 2017, HD; Arabic, English, Spanish; LR

864885 003
Money in Minutes
Every year, migrant workers transfer many hundreds of billions of dollars to their families back home. These cash transfers have given rise to a whole industry, which utilizes migration as its business model while at the same time forming its financial infrastructure.
Documentary, 30 min., 2017, HD; Arabic, English, Spanish; VoD, IFE, LR

864885 004
Tahrib – The Endless Journey
Tahrib is the name given in many African nations to the dangerous journey to Europe undertaken by refugees. Their one and only goal: to arrive safely. But even in many purportedly safe countries, many refugees are exposed to dangers and repression.
Documentary, 30 min., 2017, HD; Arabic, English, Spanish; LR

864885 005
On the Run – Children Disappearing Without Trace
According to unofficial estimates, up to 30,000 child refugees in Europe can no longer be accounted for. Many are living in a parallel world that remains hidden to most. It is all too easy for them to fall into the hands of criminals who force them into prostitution or the drugs trade.
Documentary, 30 min., 2017, HD; Arabic, English, Spanish; VoD, IFE, LR

864885 006
Latinos, the Changing Face of America
Immigration is the very foundation of the US. Whereas most immigrants used to come from Europe, these days they come from South and Central American nations. It is estimated that by the year 2035, Latinos will make up 35 percent of the US population. This demographic change is already having an impact on American society.
Documentary, 30 min., 2017, HD; Arabic, English, Spanish; VoD, IFE, LR

864885 007
Beirut Parc – Breaking Down Barriers Through Sport
‘Soccer Camp Lebanon’ is a project for kids in the capital Beirut and three other cities in Lebanon to play soccer. The teams are mixed in two respects: Boys and girls play together; Lebanese, Syrian and Palestinian kids play together. ‘Beirut Parc’ documents these encounters and shows how prejudices can be overcome in the process.
Documentary, 30 min., 2017, HD; Arabic, English, Russian, Spanish; VoD, M, IFE, LR
Whose World Is It?

At the start of the 21st century, the global population, resource consumption and the ensuing environmental problems are increasing at an unprecedented rate. The attendant shortage of resources is leading to allocation conflicts that are increasingly played out on world markets – even in the case of vital commodities such as water or arable land, which had thus far enjoyed a certain level of protection owing to their significance. The growing gulf between rich and poor, between the haves and the have-nots, is becoming ever more widespread as a result, both on a global and national level. Whose World Is It? explores major problems that will have a significant impact on the future of mankind.
This Means War

The face of war is changing. Governments and armies attempt to package it as a legitimate political tool and, as far as is possible, try to portray military campaigns as harmless. Few opportunities remain for journalists to convey an accurate and genuine representation of war and its consequences – with reporters themselves often becoming targets in a conflict. Civilians are only safe as long as this is deemed appropriate. Only sanitized images of war are made public; “clean” and precise strikes using combat drones and intelligent bombs; and those involved are given all the air time they need to justify their military activities. The reality on the ground is very different. Wars continue to inflict great suffering, destruction and death – long after the battles have ceased.

864824 003
Peacekeepers Pose a Threat
20,000 UN peacekeepers are currently deployed to protect civilians in the east of the Democratic Republic of Congo. But increasingly the troops themselves pose a threat to local people, with women and girls frequently the target of sex attacks.
Documentary, 30 min., 2014, HD; Arabic, English, Russian, Spanish; VoD, LR

864824 005
The Strategy of a Worldwide Presence
Over the course of the last century the US, like no other global power before it, has spanned the world with a network of military sites – more than 700 facilities in some 40 countries. These bases are impacting upon the lives of millions of people.
Documentary, 30 min., 2014, HD; Arabic, English, Russian, Spanish; VoD, LR

864824 009
Danger Beneath the Seas
It is thought that more than a million tonnes of chemical weapons lie on ocean beds around the world. From 1917 to 1970, these deadly munitions were dumped in the sea by armies worldwide. The cases and drums are corroding and releasing highly toxic substances. This poses a huge threat to marine life and human health, with no immediate prospect of a solution.
Documentary, 30 min., 2014, HD; Arabic, English, Spanish; VoD, LR

864824 010
Congo’s Women Take Up Arms
It is estimated that 500,000 women have been raped during the 20-year civil war in the Democratic Republic of Congo, either by marauding gangs or by soldiers. Several hundred women, however, have decided that, rather than remain defenseless, they are going to fight. Some sign up with the army, others join the various rebel groups.
Documentary, 30 min., 2014, HD; Arabic, English, Russian, Spanish; VoD, LR

864824 011
NATO’s Lethal Legacy
As they pulled out of Afghanistan, NATO-led ISAF troops left behind a dangerous legacy: unexploded bombs. They remain in battle zones, in places hit by airstrikes – and on former training grounds. The live munitions pose a grave threat to local people. NATO is obliged to clear them, but this is happening far too slowly – if at all.
Documentary, 30 min., 2014, HD; Arabic, English, Spanish; VoD, LR

864824 012
The Deadly Effects of the Gulf Wars
During the two wars of 1991 and 2003, it’s thought that up to 2,000 tons of depleted uranium weapons were deployed in Iraq – although to date no reliable data has been collected on the issue. 300 regions in Iraq are viewed as contaminated and urgently need to be cleared of harmful substances. There has been a huge increase in instances of cancer, stillbirths and congenital deformities in local populations. There are no official studies on the causes of these afflictions, and unofficial studies are not recognized.
Documentary, 30 min., 2014, HD; Arabic, English, Spanish; LR
Uncovered

A good reputation can be an important asset. But a squeaky-clean facade may mask shenanigans and even crime. Greed and the quest for profit can lead businesses astray; their sense of responsibility cannot be assumed. Laws and their enforcement are required to combat corruption and the exploitation of humans and nature. The gripping documentaries in the series Uncovered draw back the veil on stories some would rather keep hidden.

564786
Documentary, 04 x 30 min., Arabic, English, Spanish

564786 009
WWF – Environmentalists on the Wrong Side?
The WWF is one of the world’s most influential environmental protection groups, with high-level contacts to politics and industry. The organization believes it can salvage the world’s last intact ecosystems through its partnerships with the energy and agriculture industries, but critics of its approach have serious doubts.
Documentary, 30 min., 2013, HD; Arabic, English, Spanish; LR

564786 010
Human Trafficking – Exploited Forestry Workers in the Czech Republic
In the Czech Republic more than 2,000 people, most of them from Vietnam, were systematically deceived and exploited as forestry workers. The authorities took no action, and the shocking case only came to light through the engagement of committed individuals.
Documentary, 30 min., 2013, HD; Arabic, English, Spanish; LR

564786 011
The Second-Hand Clothing Scam – The Impact of Charitable Donations
Millions of people in industrialized nations donate their used clothing to charity, assuming the items are then sent to poor people around the world. But most of the clothing is actually sold at a profit. More than 60 percent ends up in Africa, where local markets are swamped by the cheap clothing, bringing the continent’s textile industry to its knees.
Documentary, 30 min., 2013, HD; Arabic, English, Spanish; VoD, IFE, LR

564786 012
The Philip Morris Story – Strategies of a Tobacco Company
Tobacco giant Philip Morris is one of the world’s largest cigarette manufacturers. But its immense profits mostly depend on the exploitation of African tobacco farmers and a strategy of concealment regarding the true health impact of smoking.
Documentary, 30 min., 2013, HD; Arabic, English, Spanish; VoD, IFE, LR
Zero Tolerance

Large areas of Asia are experiencing unbridled urbanization. The disparity between city and rural regions is increasing, as the gap between rich and poor continues to grow. Around half the continent’s population are under 25 and demanding greater participation. In many of its emergent nations this part of the world is experiencing a political and above all religious radicalization that would have been unthinkable not so long ago. A dangerous blend of autocratic systems and religious extremism threatens to divide several nations in this region. Others run the risk of leaving democratic principles by the wayside. How are people living with this growing intolerance?

884910 001
Bangladesh – The Dawn of Islamism
Secular bloggers risk their lives by speaking out, opponents of the government disappear without trace, the Hindu minority is under attack: In Bangladesh headlines are dominated by violence. The country that wants to reconcile democracy and Islam appears to be finding it harder and harder to strike a balance between the two. But the political elite refuse to recognize the growth of violent Islamism in the country. Just how influential are the Islamists in Bangladesh?
Documentary, 45 min., 2019, HD; English, German, Spanish

884910 002
The Philippines – In the Sights of IS
In May 2017, militants affiliated with the “Islamic State” terrorist movement seized power in the city of Marawi on the Philippine island of Mindanao. The Filipino army needed five months to liberate Marawi from the Islamists. The result: more than 1,000 dead and a city in ruins. More than 60,000 people from Marawi are still living in refugee camps and other emergency accommodation. The conflict between Muslims and Catholics, stoked by the Islamists, continues to impact upon the political situation in the southern Philippines. And President Rodrigo Duterte is known less for his talents as a peacemaker, and more for his hardline policies. Is the Islamist threat in the Philippines now a thing of the past?
Documentary, 45 min., 2019, HD; Arabic, English, German, Spanish

884910 003
Indonesia – Diversity under Threat
Following the end of the brutal Suharto dictatorship in 1998, Indonesia became a model for a democratic Muslim majority state. But in recent years, Islamist groups have gained influence. More women are wearing headscarves in public places. The niqab, the face veil, is becoming increasingly popular. Members of minority groups feel marginalized. “Unfortunately, Indonesia is not immune to the worldwide increase in intolerance”, says politician Yenny Wahid. The daughter of the first elected president after the Suharto dictatorship stands for cosmopolitanism and represents a liberal view of Islam. She, too, has observed a slow Islamization of her homeland and the tendency of politicians to make concessions to radical and populist groups. Student activists blame the corruption of the ruling class for growing radicalism and undermining diversity. The documentary asks whether the country can preserve its religious tolerance.
Documentary, 45 min., 2020, HD; Arabic, English, Spanish
Twitter, Facebook, Instagram and other social media can drive social change or even spark revolutions. Women around the world are using the Internet as a weapon in their struggle for equal rights. They are fighting against the murder of women in Latin America, female genital mutilation in Africa, compulsory headscarves in Iran and for peace between India and Pakistan.

Net activists are increasingly fearless. No matter what hostilities they face, including online trolls who call for them to be killed, they do not back down. Hundreds of thousands follow these women on social media. Their campaigns inspire other women to take to the streets for equality, self-determination, human rights, freedom of speech and to oppose sexualized violence.

In Argentina, activist María Florencia Alcaraz and her comrades-in-arms launched the #NiUnaMenos campaign against gender-based violence in general and the epidemic of femicides in particular. The movement has swept Latin America like an avalanche. Amid a culture of machismo, the movement is about dignity, self-determination and sheer survival. Dignity and self-determination are also issues Masih Alinejad fights for. A real force of nature, the exiled Iranian now lives in New York. Her campaigns My Stealthy Freedom and White Wednesdays, in which women in Iran protest against being forced to wear headscarves, are so successful the regime in Tehran now fears a revolt by women.

In Guinea, where 96% of women have been forced to suffer female genital mutilation, Aissata M.B. Camara’s Break The Silence campaign is fighting to end the practice. Aissata herself has had to live with the physical and psychological anguish of FGM since she herself was cut at age eleven. In a viral video Profile for Peace, Gurmehar Kaur called for reconciliation between arch-enemies India and Pakistan. She has been insulted and received death threats on India’s social networks. Gurmehar herself would have good reason to hate Pakistan. When she was barely three years old, her father, an officer in the Indian army, died fighting the Pakistani military in Kashmir.

Four women, four continents, one mission: Using social media to mobilize support in and beyond their communities, Florencia, Masih, Aissata and Gurmehar are changing the world.
The War on my Phone

“I’m in Europe and safe, but I cannot escape the war. Every day it is here on my mobile phone.” Amjad, Omar and others may now be living in Europe but they are not entirely present in their new homes. Every day they receive messages and videos from relatives and friends: shelling in Idlib, scenes from inside a Syrian jail and everyday life in an area controlled by the so-called Islamic State (ISIS). These are not the anonymous images we see on news broadcasts, but very personal accounts from people who have names and faces, with their own stories and destinies. The videos sent by phone are not professional productions; they are blurred, shaky and noisy, but they are authentic and they confront us with the daily experience of war – unofficial, personal war. The images intrude on the secure world of Europe, leaving the protagonists torn between their often idyllic new surroundings and the home and people they have left behind. Videos of bombardments or prisons burst into the picture-postcard backdrops of the Münsterland or Saarbrücken in Germany. ISIS propaganda films pop up in a café. The war is suddenly close – with a face and a voice. These images and the stories are all the more moving because they reach us directly, without any professional remove. They are images of war in the digital age, and this is a film about a time in which distant realities are brought close every minute of the day – in this case painfully close.
No Right to Life – India’s Lost Daughters

There are significantly fewer women than men living in India. This is not because fewer girls are born than boys, but because girls are viewed as inferior, superfluous and expensive and many pay a terrible price: Especially in rural areas, baby girls are in grave danger of being murdered.

Documentary, 30 min., 2014, HD; English, Spanish; VoD, LR

A Ray of Light – The Lebanon Project

Every summer, young people from Europe volunteer at a summer camp in the Lebanese mountains, where they help disabled people enjoy an unforgettable if brief holiday. The disabled people involved in the Lebanon Project spend the rest of the year in institutions, often in poor conditions.

Documentary, 30 min., 2015, HD; English, Russian, Spanish; WW, VoD, M

Life in the Shadows – Enforced Prostitution in Germany

Nigerian women forced into prostitution in Germany live unbearable lives. They are at the mercy of unscrupulous pimps from Nigeria, who use voodoo and violence to oppress and exploit them. Conditions in the brothels are dreadful. Few of the women have so far found the courage to speak out, partly because they receive virtually no support in Germany.

Documentary, 30 min., 2013, HD; English, Russian, Spanish; LR

A Sect and its Spies – Scientology’s Secret Service

Scientology is generally viewed as a controversial sect. But few people may be aware of the fact that Scientology maintains its very own secret service, the ‘Office of Special Affairs’. Its job is to identify dissenters and critics. People who have left Scientology say it is involved in criminal activities that extend far into the spheres of business and politics.

Documentary, 30 min., 2013, HD; English, Spanish; LR

Full Report

Full Report spotlights key and current social developments that affect us all. It is a series with its finger on the pulse. The investigative reports expose problems, provide explanations and offer visions of life in the future.
China – Rebellion from Within

China’s economic upswing has had a dramatic impact on the nation as a whole. The ruling Communist Party has uncompromisingly modernized the country and exposed the population to unregulated markets. State security agencies and Internet censorship aim to provide for peaceful and harmonious public life. But there are increasing numbers of people who dream of a better China and who are dedicated to achieving this despite the risks and the tough repressive measures.

Documentary, 30 min., 2016, HD; English, Spanish; VoD, IFE, LR

Breaking the Silence – Courageous Women in Afghanistan

The lives of most women in Afghanistan are ruled by a patriarchal order and the repression that stems from it. They still bear their fate in silence. Very few women dare to express any wish to change their country. There is still a long way to go, but a discourse on the status of women has at least begun.

Documentary, 30 min., 2016, HD; English, Russian, Spanish; VoD, LR

Whistleblowers – Alone Against the System

For the justice system, they are people who betray secrets, while society often regards them as heroes. Whistleblowers expose corruption, data misuse or war crimes. They place their conscience above the personal consequences of their actions – which all too often result in a clash with a system in which former allies become bitter enemies.

Documentary, 30 min., 2016, HD; Arabic, English, German, Russian, Spanish; WW, VoD, M, IFE

Requiem for a City – The Venice Sellout

20 million tourists visit Venice every year, a daily average of 60,000 – and the numbers are growing. That’s more than the population of the city itself, which is around 58,000. For the locals, life in Venice is collapsing. The film is a requiem for a glorious but troubled city, and a lesson on how public assets are becoming the quarry of the few.

Documentary, 30 min., 2016, HD; English, Spanish; VoD, IFE, LR

Ghetto Children – Marseille’s Neglected Outskirts

La Savine, a high-rise project on the outskirts of the French port city of Marseille, is for the most part home to socially marginalized people living in poverty. Ahmed Madi runs a youth soccer club there and makes every effort to ensure that his boys don’t end up on the wrong tracks.

Documentary, 30 min., 2017, HD; English, Russian, Spanish; VoD, IFE, LR
564681 097
9/11 – Nothing Like It Was
The US has been left deeply traumatized by the 9/11 terror attacks and the military conflicts that began in their aftermath. The responses of individual Americans to this could not be more different, and show a country split down the middle.
Documentary, 30 min., 2017, HD; English, Russian, Spanish; VoD, IFE, LR

564681 098
China's Lonesome Sons – The Impact of the One-Child Policy
China's one-child policy has had some unforeseen consequences. Because the male population outnumbers the female by 34 million, many young Chinese men feel they have no other choice but to travel to Laos or Vietnam to search for a partner. Traffickers also kidnap young women there and sell them as brides in China.
Documentary, 30 min., 2017, HD; English, Spanish; VoD, IFE, LR

564681 099
Shark-Finning in the Pacific – Palau's Fight Against Illegal Fishing
The island state of Palau in the western Pacific Ocean imposed a ban on shark fishing years ago, in recognition of how important the animal is to healthy marine environments. The marine police tries to stop illegal shark hunting in the waters around Palau, but it only has one boat at its disposal.
Documentary, 30 min., 2017, HD; English, Spanish; VoD, IFE, LR

564681 100
Hell on Earth – The Suffering of Female Refugees
Refugees often report that their flight entailed terrible and deeply traumatic experiences. Women are the worst affected, with incidences of physical and sexual violence running like a thread through their accounts. But few witnesses are courageous enough to talk about their experiences in front of a camera.
Documentary, 30 min., 2017, HD; English, Russian, Spanish; VoD, IFE, LR

564681 101
Ana Rosa's Campaign – The Right to Child Labor in Bolivia
In Bolivia, it is legal for children aged 10 or older to work, even though that violates international conventions on child labor. 11-year-old Ana Rosa is not, however, contesting the law. On the contrary, she goes to school and she goes to work every day; she is also on the board of the children's trade union. In her view, children have to help themselves.
Documentary, 30 min., 2017, HD; English, Russian, Spanish; VoD, IFE, LR

564681 102
Millions For Nothing – What Has Happened to Aid for Kenya's Largest Slum?
For decades, donor countries have channeled billions of euros into development aid programs. But recipient nations have only felt the benefits in selected areas. The radio presenter Boy Dallas is known as ‘the voice of Kibera’, the largest slum in the Kenyan capital Nairobi. He wonders why, despite all the money and the involvement of public figures and more than 200 NGOs, Kibera is still in such a terrible state.
Documentary, 30 min., 2017, HD; English, Spanish; VoD, IFE, LR

564681 103
Housemaids in Singapore – Second-Class Migrants
The housemaid market in Singapore is booming – young women employed by high-earning families, most of them from foreign countries themselves, for a very low wage. They often have no rights, because there are no labor laws protecting housemaids.
Documentary, 30 min., 2017, HD; English, Russian, Spanish; VoD, IFE, LR

564681 104
Masoud's List – From IS Victim to Terrorist Hunter
For eight long months, Masoud Aqil languished in the torture chambers of the IS terrorist militia in Syria. The video journalist was the first Kurdish civilian to be set free as part of a prisoner exchange in September 2015. He fled via the Balkans to Germany, where he is now living at a secret location. Thanks to his contacts and meticulous online research, Masoud Aqil has tracked down his torturers and other supporters of IS. He has traced some of these individuals to refugee centers in Europe and reported them to the German authorities. The torture victim has now become a terrorist hunter.
Documentary, 30 min., 2018, HD; Arabic, English, Spanish; WW, VoD, M, IFE
Water is Life – A Soccer Player Builds Wells in Ethiopia

Neven Subotic is a soccer star with a busy life and hordes of fans, yet he still finds time to help others less fortunate. During the summer, when there are no matches to train for, he builds wells and sanitation facilities in northern Ethiopia, where many people do not have access to safe drinking water or clean toilets. The foundation he has set up focuses on clean water, sanitation and hygiene, in order to help children in the world’s poorest regions have a better future. If conditions are hygienic, children are healthier and more likely to go to school.

Documentary, 30 min., 2018, HD; English, Spanish; WW, VoD, M, IFE

The Deadly Row Over the Sacred Cow

It’s an ongoing conflict with the potential to tear India’s multi-faith society apart: Because the Hindu faith views the cow as a sacred animal, Hindu fundamentalists are targeting Muslims and lower-caste Hindus who consume beef. The attacks are increasing in brutality and have already claimed several lives. The transport of beef is prohibited in many Indian states. Self-proclaimed cow vigilantes hunt down beef smugglers, real or alleged, and subject them to violent retribution. In the south of the country, secular and left-wing groups are mobilizing against the Hindu fundamentalists.

Documentary, 30 min., 2018, HD; English, Spanish; VoD, IFE, LR
Menzi’s Dream – From Taxi Driver to Opera Star
A viral video can change everything. Minza Mngoma from Durban in South Africa worked as a taxi driver, and he treated his guests to arias and songs. After a former rider videoed his singing and uploaded it online, his phone won’t stop ringing.

Mean Streets and Haute Couture – Diamantina Shows Off her Collection
The fashion designer Diamantina Arcoiris knowingly relocated her studio to Santa Fé, one of the most dangerous districts of Bogota. Crack, glue and alcohol abound; prostitution is rife. She gives them a chance to embroider her dresses and strut their stuff on the catwalk.

Dance! – Semyon Wants to Take the Stage
Semyon is a promising ballet pupil in eastern Russia, about to make his debut in “The Nutcracker” in Vladivostok. Even on breaks at home in Siberia, he trains every day – after taking care of the chickens.

Saving the Rhinos – Female Park Rangers in South Africa
Thanks to Leitah Mkabela and her all-female gamekeeper crew, the Black Mambas, the number of poached rhinoceroses in South Africa’s Balule Reserve has been steadily decreasing. Their goal: To leave their children with a country where rhinoceroses can still be seen in the wild.

Seeing the Light – A Doctor Heals the Blind
In Nepal, ophthalmologist Sanduk Ruit has developed a method for treating cataracts, an eye disease that leads to blindness. The operation is quick and inexpensive, so that even the poorest can afford it. It’s set an example for the world.

## SAMPLE EPISODES

**For a Free Future! – Young Hongkongers Rise Up**
17-year-old Zack Ho should really be studying for his final exams. But Hong Kong’s future is so important to him that he’s spending most of his time on the street – protesting against a proposed extradition bill with hundreds of thousands of others.

**Moon Mission – Matthias Maurer Prepares for Space**
Matthias Maurer has always dreamed of being the first German on the moon. Out of 8,500 applicants who share the same dream, he was one of only 10 selected. Now, he’s going through rigorous astronaut training.

**Setting Foot on the Mainland – Joel Wants to go to University**
Joel lives on Santa Cruz del Islote, a tiny island that’s one of the most densely-populated on Earth. Despite the cramped conditions and poverty, most inhabitants stay. Joel hopes to get to the mainland, however, as he wants to study.

**The Puppy Mafia – Europe’s Canine Black Market**
Stefan Klippstein is an expert on the dog trade. For over five years now, the volunteer animal welfarist has been rescuing dogs from smugglers. Millions of dogs are thought to be sold illegally in Europe every year.
Woman Owned and Operated – A Restaurant in Marrakesh
In Morocco, households that find themselves without a man often face financial difficulties. Fatima Zahara knows that only too well. After her father died, her mother could barely feed her family. So Fatima quit school to help support her family.

276 Souls Saved – On Board the “Ocean Viking”
On the rescue ship Ocean Viking, search and rescue coordinator Nick Romaniuk and his right-hand man Tanguy pick up 276 migrants in distress on the Mediterranean. Over three rescue missions they save the lives of people who have all but given up hope.

Return to Auschwitz – The Last Witnesses
Lea Roth, Peter Somogyi and Alex Spilberg were deported to Auschwitz when they were children. Their families were exterminated, but they survived. Together with their descendants, they return to the grounds of the infamous death camp.

Born again – Tarchi becomes a woman
Tarchi Ausavapichayachote is a transgender person. She was born as a boy but identifies as a female. Now, she is having surgery done to get breast implants. She wants nothing more than to feminize her body.

When, if not Now? – Imarn Takes on Racism
Activist Imarn Ayton organizes demonstrations with thousands of protesters. So why hasn’t UK Prime Minister Boris Johnson rung her up? Her hope is to see the anti-racism protests result in effective policy-making.

Beaten by the System – How Workers in Germany are Exploited
Unpaid overtime, cramped living conditions, and no compensation for sickness or injury – tens of thousands of Eastern European meat processing and agricultural workers toil in Germany under intolerable conditions.

Fences, Walls, Barbed Wire – Life in the West Bank
The West Bank: Chaya Tal is one of 430,000 Jewish settlers living among 2.7 million Palestinians. The young German is aware that her presence alone is a provocation for many Palestinians. But that does not deter her.
The little boys and girls proudly pull on their new soccer boots and, seconds later, they're out on the field to train together. Many have experienced terrible things as refugees and live in a precarious situation in a new country. But here on the soccer pitch, they can forget about their worries for a few hours. Their laughter rings out over the field and, after scoring a goal, they all hug each other, regardless of where they come from, whether they're refugees or were born here. And where is this wonderful place? In the Lebanese capital Beirut. And the kids are taking part in 'Soccer Camp Lebanon'.

Lebanon has more refugees relative to the size of its population than any other country. Here Syrian refugees live alongside Lebanese locals and Palestinian refugees who were forced to leave their homes decades ago – sometimes in close proximity. This has created a volatile situation that requires a variety of strategies to build tolerance and mutual trust if social conflict is to be avoided.

'Soccer Camp Lebanon', a nationwide tournament for children and young people, is an initiative of Germany's Goethe Institute and coaches at a local soccer school. Based on faith in the conciliatory power of soccer, it gives 900 youngsters from Beirut and three other Lebanese cities the chance to play soccer together, to escape from their everyday lives and gain new perspectives in the process. At training sessions in mixed teams – boys and girls from Lebanese, Palestinian and Syrian families – and a closing tournament, the children have the opportunity to explore their cultural and social commonalities and differences.

Beirut Parc – Kids Seeking Refuge in Football observes the young people and explores the impact of the soccer camp on their daily lives. The program provides an insight into how the youngsters and their families live in Lebanon – either as locals or refugees – and what role soccer can play in developing new perspectives and the foundation for a peaceful coexistence.
“People like to have a lot of stuff because it makes them the feeling of living forever,” says American social psychologist Sheldon Solomon, who believes today’s materialism and consumerism will have disastrous consequences.

Anyone who fails to satisfy his or her desires in this age of the ego is deemed a loser. But with more than 7 billion people on the earth, the ramifications of this excessive consumption of resources are already clear. Isn’t the deplorable state of our planet proof enough that “The Greed Program,” which has made us crave possessions, status and power, is coming to an end? Or is the frenzied search for more and more still an indispensable part of our nature?

We set off to look for the essence of greed. And we tell the stories of people who – whether as perpetrators or victims or even just as willing consumers – have become accomplices in a sea change in values.
Trash is a symbol of our times. The amount we generate and the way we deal with it speak volumes about our consumption patterns and level of prosperity – and also about social inequality. The rich consume much more than the poor and produce much more waste. But what some people throw away, others need to survive.

Godwin Ochieng lives in Dandora, a poor suburb of Nairobi, Kenya, where one of the largest dumpsites in Africa is located. He spends his days combing through endless piles of garbage, brought in by the truck-load from the city’s wealthier districts, in the hope of finding something to sell: for him, the mountain of trash is a lifeline. Meanwhile, halfway around the globe in one of the world’s richest and most expensive cities, Pierre Simmons combs the streets of New York for cans he can sell to recycling companies. Both men live in countries where the gap between rich and poor is vast. But the economic and social disparities between the US and Kenya are also huge. Economists Lucas Chancel and Kate Raworth warn against the consequences of huge imbalances at both the national and international levels. They argue that they poses a great danger to our entire system of values, to our understanding of democracy and to our economy.
Political murders in Belarus: For the first time a witness has spoken out in an exclusive interview. Twenty years ago, three prominent members of the opposition disappeared without a trace. Back then rumors began to circulate that they had been assassinated by a death squad.

Were the three men Yuri Zakharenko, Viktor Gonchar and Anatoly Krasovsky, all members of the opposition, abducted and murdered by a hit squad in 1999? This is the rumor that has circulated ever since. Yet the presumed contract killings under the authoritarian leadership of President Alexander Lukashenko have never been proven. Now a key witness has come forward to shed light on the matter. At the time of the killings, Yuri G. was serving in a special unit of the Ministry of Internal Affairs. Now he has revealed insider knowledge of the crime. He depicts the precise sequence of events, from the kidnappings to the disposal of the bodies. The former elite soldier names the culprits and admits to being an accessory to the murders. His information leaves little doubt that in 1999 government agencies in Minsk brutally eliminated the leaders of the opposition in Belarus. How do the relatives of the deceased react to this disclosure? What does it mean for the already tense relationship between Belarus and Europe? And what is it like to live with such guilt?
Between India and Pakistan

The Sikh Dilemma

India and Pakistan traditionally have hostile relations, but there is hope on one front, at least. In order to enable the Sikhs from India to make a pilgrimage to one of their holiest shrines, a “peace corridor” has been opened between the two countries.

Sikhs constitute the fourth largest religious community in India, but find themselves are caught between India and Pakistan, between Hindus and Muslims. The majority of Sikhs worldwide live on the Indian subcontinent. The hostile relations between India and Pakistan since partition in 1947 meant that for decades Sikhs were unable to visit their holiest shrine.

Despite ongoing political tensions – especially concerning Kashmir – 73 years after their separation, India and Pakistan have fulfilled a promise that was made 20 years ago: on the occasion of the 550th birthday of the founder of their religion, Sikhs in India can now use a new border crossing to make a pilgrimage to the mausoleum of Guru Nanak in Kartarpur, Pakistan – four kilometers behind the border. The Kartarpur Corridor was opened on schedule by the prime ministers of the two countries – albeit not in a joint ceremony. Both spoke of a new “Peace Corridor”. The opening of the corridor on 9 November 2019, the anniversary of the fall of the Berlin Wall, was no coincidence; Indian prime minister Narendra Modi directly compared the two historic events. This documentary accompanies an Indian Sikh who goes to Pakistan for the first time as part of a very special pilgrimage, while for outsiders also providing a better understanding of Sikhs as well as India and Pakistan.
In 2007 oil fever gripped Ghana after one of Africa’s largest oil fields was found off its coast. Hopes ran high that the newly discovered oil would boost the nation’s economy and benefit the population.

Oil, the lubricant of the global economy, was in short supply. It was widely believed that wherever new oil reserves are found, they come with a promise of financial security for the people of that nation.

When oil was found 65 kilometers off their coastline, Ghanaians immediately thought the same. The year 2007 marked a turning point for a nation in the grip of poverty. Drilling was set to begin in 2010. And it was said things were going to be managed better than in Nigeria, a country that extracts oil but has to import its fuel.

The documentary explores the impact of the new oil industry on a sleepy coastal region where most people earned a living through fishing or rubber cultivation. What would change? Would the oil turn out to be an opportunity for a region that had been underprivileged or a curse as in the case of Nigeria? Filmmaker Elke Sasse spent more than a decade documenting developments in three small villages in Ghana. Nigerian artist Ebele Okoye, who also created the animations in this documentary, comments on the stories of local people from her own perspective.
Stolen Soul
Africa’s Looted Art

European museums showcase their international collections with pride, but they often brush aside questions about how some of the artefacts came to be in their possession. Those stories can sometimes be brutal and bloody, particularly in the case of items plundered and stolen by European colonial rulers, for the most part in Africa. In the 19th and the first half of the 20th century, hundreds of thousands of African cultural assets were brought to Germany and other European countries. Many Africans view these objects as ‘stolen souls’ leading a bleak existence in ethnographic museums far from home. Some German experts would still rather see the artefacts as being of ‘unknown provenance’. What does the future hold for these works of art? Shouldn’t African nations have control over their own cultural heritage? Artefacts in the spotlight in recent years include priceless bronzes from Nigeria, an ornate ship’s prow from Cameroon and the Witbooi Bible from Namibia. Will these objects find their way back home from Germany? Why is it so difficult to liberate Africa’s ‘stolen souls’? Young Africans say it is important for them to reconnect with artefacts of such significance in their cultures.
Judith Kerr, Aeham Ahmad, Saša Stanišić, Nneka Egbuna and Antonio Skármeta come from four different continents and have one thing in common: They all fled war, hardship or persecution and started over in a new and unfamiliar place. Culture became their key to integration. Books, films and music helped pave the way.

"Isn’t it wonderful to be a refugee?" ten-year-old Judith Kerr shouted across the rooftops of Paris in 1934. She and her family had fled Nazi Germany one year earlier. Escape was a great adventure for her, and her parents didn’t let her sense their fear. Today, the world-famous writer ("When Hitler Stole Pink Rabbit") lives in London and says: “For me, England was my home at the end of the war. But it wasn’t for my parents. They never belonged anywhere.” It’s a story typical of many refugee families.

Aeham Ahmad, “the pianist amid the rubble” of the Yarmouk refugee camp in Damascus, keeps wondering why he of all people survived while so many others didn’t. Saša Stanišić has become a renowned German-language author after fleeing the Bosnian War in 1992 at the age of 14. Musician Nneka Egbuna who fled the violence in her family in Nigeria as a teenager, lives in Lagos, Hamburg and Paris but isn’t truly at home anywhere - “home” to her is a feeling. Author Antonio Skármeta was no longer allowed to work at home in Chile after Augusto Pinochet’s coup d’état in 1973, and lived in exile in West Germany.
Life Links
Sharing Realities, Changing Perspectives

Life Links sheds light on issues that affect young people around the globe: on what holds them back, what cramps their style and how they nonetheless manage to master their lives. In each episode three Life Links reporters meet young people in different parts of the world. Their personal experiences show how different yet similar young people’s realities are.

864843 001
Who Am I – Finding Myself
Ka-yeon escaped from North Korea to the neighboring South – and is now trying to fit in. Alina lives on the outskirts of Paris, France and has always experienced rejection because she is a Roma. Amin in Cologne, Germany considers himself German, though his roots are Egyptian. He is always confronted with people who insist on knowing where he is “really” from.

864843 002
Drug Trap – Breaking Free
Gilda from Bolivia would much rather be a teacher than a coca farmer. She is forced to pick the leaves from which cocaine can be made. Dominik from Germany started taking drugs when he was a teenager and his life went downhill from there. Now he’s in prison for aggravated assault. Emma hasn’t had a sip of alcohol for three years. But even now that she’s sober, she still struggles because her fellow Finns like to drink a lot.

864843 003
Deal with Me – Seeking Acceptance
David is proud to be Jewish. As the stigmatization of minorities seems to have become socially acceptable in his native Hungary, he is trying to fight the trend. Ali has been a refugee almost all his life. Hoping for a future without discrimination, he left Iran and fled to Germany where he’s struggling for acceptance. Leonidah lives in Kenya and has albinism. People with her condition face persecution and discrimination. Yet Leonidah wants to be accepted for who she is and what she looks like.

864843 004
Blame My Parents – Bearing the Burden
In Romania, Andrea has to take care of her younger sister all by herself. Their mother lives and works in western Europe, so she can support her family. Jean Claude in Rwanda doesn’t know his father. His mother, an ethnic Tutsi, was raped by several Hutu militiamen during the genocide in 1994. Robin in Germany was still a student when his father died. His life changed from one day to the next when he had to take over the family business.

864843 005
For Christ’s Sake – Ordain Me!
Jacqueline from Germany feels called to Catholic priesthood. The only problem: she’s a woman. Petrus is a member of the Suriyani, a Christian minority in Turkey. He wants to become a priest, but his religion isn’t officially recognized in his country. M is a Methodist in the United States and believes that sexuality and gender are fluid concepts. She feels called to the ministry but has been turned down by her church.

864843 006
Head Above Water – Call of Duty
Ships make for some of the toughest workplaces on earth. It’s hard work, long hours and little pay. Paul comes from a family of fishermen, but he’s one of the last young men wanting to do the job in Germany. Jeroen from Holland, like his colleagues, faces countless obstacles: shipwrecks, piracy, dangerous working conditions and lots more. Alamgir works with his bare hands to dismantle ships in Bangladesh – a dangerous and backbreaking profession. But he has no choice but to keep going.
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**Classified: World War II**

During World War Two, lies, propaganda and disinformation were the order of the day. What do we now know about the machinations of those involved, kept secret from the public for decades after the end of the conflict? What were the crimes that one simply didn't speak of, even if one was aware of them? What were the events that historians were only able to find out about years after they happened? New facts are coming to light all the time, whether about espionage, diplomatic contacts or economic ties. Classified: World War II tells the stories from this terrible war that aren't common knowledge.

364900 001  **Hitler's Money Launderers: Swiss Banks**  
For Nazi Germany, looted gold was a key source of World War Two funding. Banks in neutral Switzerland earned a fortune converting the gold into foreign currencies, which the Nazis then used to acquire raw materials. The banks have never been held to account for their actions.  
Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, M, LR

364900 002  **The Vatican's Fatal Silence**  
Catholicism and Nazism may seem incompatible with one another, yet the Vatican and Pope Pius XII played an unholy role with respect to Hitler and the Nazi dictatorship in Germany. Pius decided to remain silent in public about the crimes of the Nazis, instead of taking a stand as a moral authority.  
Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, IFE, LR

364900 003  **The Commandant's Wife – A Story of Despotism and Guilt**  
Ilse Koch, the wife of the commandant of the Buchenwald concentration camp, led a comfortable life, even as the prisoners starved and died agonizing deaths. Although she played no official role there, she was feared for her cruelty and capriciousness.  
Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, IFE, LR

364900 004  **Hitler's Mountain of Treasures**  
George Clooney's The Monuments Men relates a Hollywood version of efforts by the Allies towards the end of World War Two to find and recover art treasures stolen by the Nazis. One trove the Nazis were about to destroy so it would not fall into the hands of the victors was rescued at the last moment. But who was actually responsible for saving the works?  
Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, IFE, LR

364900 005  **The Dead Man Who Had Hitler Fooled**  
In 1943 the Allies were planning to invade Sicily but wanted Nazi Germany to believe they intended to invade Sardinia and Greece instead. So they thought up a disinformation manoeuver, Operation Mincemeat. It involved the body of a dead man dressed up as a British officer with misleading fake documents in his pockets. The Germans fell for the ruse.  
Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, IFE, LR

364900 006  **Codename Ramsay – The Soviets' Top Spy in Tokyo**  
Richard Sorge, a Soviet military intelligence officer with a German father and a Russian mother, is considered one of the most successful spies of the 20th century. He provided Stalin with reports on the war plans of the Axis powers. The fact that Stalin didn't always believe him cost the lives of millions of people. As for Sorge's own life, when he was arrested in Tokyo, Moscow did nothing to save him.  
Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, IFE, LR

364900 007  **Japan's Attack on Manchuria**  
The roots of the Second World War in Asia lie in the conflict between Japan and China, which escalated into a full-scale war in 1937. But even as early as 1931, Japan attacked and occupied the Chinese territory of Manchuria. The pretext was a staged event, which became known as the Mukden Incident. The secret operation and disinformation campaign was devised and led by a Japanese military officer named Ishiwara Kanji, who was probably acting independently of the government.  
Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, IFE, LR
**Pervitin – The Wehrmacht’s Secret Weapon**

In the “Blitzkrieg” against Poland and France, German soldiers appeared to be unstoppable. We now know this was because they were consuming vast quantities of a wonder-drug called Pervitin, introduced in 1938 as a stimulant and mood-enhancer. Its active ingredient still makes headlines today, as an illegal drug with devastating side effects: methamphetamine, or crystal meth. In the short-term, it improves performance and concentration and dulls anxiety, appetite and sensitivity to cold. But in the long-term, it inflicts huge damage on a person’s health, as well as being highly addictive. Did Nazi Germany’s military machine run on drugs?

**Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, M, IFE, LR**

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**Zyklon B – The Holocaust’s Poison Gas**

Mass murder in Nazi killing centers was in part carried out with the poison gas Zyklon B. It had been developed as a pesticide 20 years earlier and was manufactured by a subsidiary of I.G. Farben. The conglomerate had close ties before and even during the war to the US chemicals group DuPont. A German business consultant named Erwin Respondek with contacts in both industrial giants became a spy for the United States. Did he inform Washington about the use of Zyklon B to kill humans?

**Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, IFE, LR**

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**The Hunt for Nazi Uranium**

For the Allied powers in World War II, Germany’s efforts to develop an atomic bomb was a source of great alarm. The Allies were determined to be the first to have the bomb and to thwart the Nazis, so they launched a secret mission to locate Germany’s uranium sources and to identify the scientists working on the project.

**Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, IFE, LR**

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**The Nuclear Arms Race – Its World War II Beginnings**

From mid-1942, the US mobilized more than 100,000 people in a program to build an atom bomb. This endeavor was driven by the fear that Nazi Germany was developing its own such weapon with unprecedented destructive power. At the same, the Soviet Union launched its own atomic bomb project. Spies kept both sides well-informed of the other’s progress. The bitter contest for nuclear supremacy marked the beginning of the Cold War, even before the end of World War II.

**Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, LR**
**Hollywood and the War**

When the US entered World War Two in 1941, Americans accustomed to isolationism had to be convinced that this was the right move. To do this, the government in Washington turned to the movies. As a result, the Hollywood dream factory, focused on entertainment and profit, became a patriotic institution. Renowned directors, some of them refugees from the Nazis, dedicated themselves to documentaries and filmed on the frontline. What motivated them, how did they tread the fine line between reality and propaganda? From a modern perspective, not only is their unique footage an important historical resource, it also presents Hollywood in a new light.

Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, IFE, LR

**The Salvation of Paris**

Paris, one of the most beautiful cities in Europe, in flames, totally destroyed, reduced to a heap of rubble: a crazy vision that Adolf Hitler wanted to see realized when it became clear in August 1944 that the German Army would have to give up the French capital. It was incumbent upon the German commander of the city, General Dietrich von Choltitz, to carry out this order. He had already played a role in the extermination of the Jews in eastern Europe. Nevertheless, he defied the orders of the Führer, and became known as the Nazi general who spared Paris. But what do the facts tell us? Did von Choltitz have the military resources to carry out destruction on such a massive scale? Was his decision ethically motivated, or did he just want to save his own skin before the arrival of the Allied forces?

Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, IFE, LR

**Babies for the "Master Race"**

One of the Nazis’ goals was the salvation and supremacy of what they termed the “Nordic race”. The annihilation of those they deemed inferior was just as much part of the grand plan as the establishment of homes for the birth and post-natal care of “racially valuable” and “genetically healthy” children, some of them the product of extramarital relationships between women and members of the SS. These children would be taken away from their parents and raised by families who were adherents of Nazism. The long-term goal was the formation of a kind of Nazi elite. The homes were run by an association called “Lebensborn”, or “Fount of Life”. More than 20,000 “Lebensborn” children were born in Germany and other European nations between 1936 and the end of the war. Their fate bears tragic witness to the Nazis’ inhumane ideology.

Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, IFE, LR

**Hitler’s Death and Stalin’s Secret**

Once the Red Army had surrounded Berlin in mid-April 1945, the Soviet dictator Joseph Stalin ordered his men to capture his German counterpart Hitler alive at all costs. But this was not to be, because the Führer committed suicide in his bunker on April 30. His corpse was then burned. Thanks to a Russian interpreter and a German dental assistant, both of them women, the Soviets were able to identify Hitler’s remains. Nevertheless, Stalin publicly maintained that Hitler’s body had not been found. He also blamed his allies for supporting the Nazi leader’s apparent escape. What were his intentions? And what happened to the two women who thought they had helped to establish the truth?

Documentary, 30 min., 2020, HD; Arabic, English, Spanish; LR
It was Hitler’s invasion of Poland that triggered World War Two in Europe. This assault by National Socialist Germany, which contravened international law, began on 1 September 1939 when German troops entered Poland without warning. It ended on 6 October that same year when the last remaining Polish forces capitulated.

The commonly accepted theory is that the war began when the German warship Schleswig-Holstein shelled a Polish garrison on the Westerplatte peninsular in the city of Gdansk. In fact, however, a German air force bomber squadron had already reduced the small Polish town of Wielun to rubble.

The town’s unsuspecting residents were taken by surprise as they lay sleeping in their beds. Wielun was a town without any military presence or strategic importance. It was almost completely destroyed in three bombardments.

Hitler’s Assault is without precedent in television history. It is the first German-Polish co-production to document the events that started World War Two. The bombing of Wielun forms the dramatic framework of the film, which is told from both sides – German residents of the border region and soldiers on the one hand, and Polish eyewitnesses on the other. 70 years on, they talked about their personal recollections of how the war began. Renowned historians also discuss the events of August and September 1939.
The Cold War set in even before the Second World War had ended. The divergent ideologies, interests and goals of the former allies, temporarily suspended in the battle against the Axis powers, became all the more evident after victory was sealed. Barely two years after the end of WWII in 1945, two politically and economically distinct blocs faced each other, led by the two superpowers the US and the Soviet Union.

The conflict was called the Cold War because the NATO and Warsaw Pact alliances were not engaged in direct combat with one another. The battlefields were propaganda, espionage, the arms race and numerous proxy wars.

The economic implosion of the Soviet Union heralded the end of the Cold War. The collapse affected dependent communist dictatorships and eventually brought down the entire socialist bloc. The fall of the Berlin Wall in 1989 is a powerful symbol of this historic turning point.

But we are still far from knowing everything that happened during the Cold War. In the bitter wrangling, both sides resorted to dubious means, some of which are still classified or unknown to this day. With the help of documents and personal stories, we can gradually put together a more truthful account of this global conflict.

364920 001
A Nazi Cog in the Cold War Machine
After World War Two, Klaus Barbie, a German war criminal, was able to evade punishment and escape to Bolivia, where he lived under a false name. As a member of a network of former Nazis, he began a second career as torturer and agent in the service of brutal military dictators, powerful drug barons and arms dealers. Although sought internationally for his crimes, he was also protected – by western spy agencies who used him to further their own interests during the Cold War.
Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, IFE, LR

364920 002
Berlin – Divided City of Spies
During its 40-year division, Berlin was one of the major flashpoints in a bitter battle between the capitalist and communist camps. A clandestine war raged on both sides of the physical border made of barbed wire and concrete. Thousands of agents from West and East watched each other’s every move, carried out industrial espionage and sabotage and attempted to destabilize the other side. Their methods were often brutal; for spies, the divided city of Berlin was dangerous territory.
Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, LR
364920 003
Cuba Crisis – The Unknown Historical Context
From the mid-1950s, the United States and the Soviet Union were locked in an unprecedented arms race that peaked with the Cuban Missile Crisis: Following the Soviet decision to station mid-range ballistic missiles on Cuba, Washington threatened a nuclear response in 1962. The confrontation was de-escalated just in time to avoid war. But what few people know is that there was another contributing factor: the earlier stationing on the Murge plateau in southern Italy of American nuclear missiles – within striking distance of the Soviet Union.
Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, IFE, LR

364920 005
Afghanistan 1979: The War that Changed the World
In December 1979, the Soviet Army marched into Afghanistan. The ensuing war tore the country apart, cost countless lives, ended a period of détente between the US and the Soviet Union, and triggered devastating long-term developments. It altered the political balance in the Middle East and Central Asia, accelerated the demise of the Soviet Union and was one of the causes of Islamist terrorism. But little is known about the background to the conflict. Was the Soviet Union aware of the potential impact and geopolitical consequences of its intervention?
Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, IFE, LR

364920 004
Vietnam: Secret Diplomacy During the War
The Vietnam War raged for decades. Fearing the spread of communism, the United States initially joined the conflict in secret, later openly and with increasing ferocity in the fight against North Vietnam and its Chinese and Soviet sponsors. After US public opinion turned against the war in response to heavy losses and reports of frontline brutality, peace talks began in Paris in 1968. A breakthrough was achieved in separate, secret talks between US National Security Adviser Henry Kissinger and Le Duc Tho, a member of North Vietnam’s politburo, which resulted in the 1973 Paris Peace Accords and the withdrawal of US forces.
Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, IFE, LR

364920 006
Deceive and Provoke: The Reagan Method
Upon his election as US President in 1981, Ronald Reagan moved to redefine America’s Cold War strategy: attack, not defense. His secret “deception committee” planned secret service operations against Soviet-controlled territories. At the same time, Reagan backed demonstrations of strength intended to intimidate and humiliate the Soviet Union. Reagan knew that this approach would torpedo western Europe’s policy of détente and bring the world to the brink of nuclear war.
Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, IFE, LR
Walled in! The Inner German Border

524730 001
Walled in!
The computer animation, depicting the Berlin Wall and the border between East and West Germany, illustrates the oppressive reality of the border region as it seeks to answer the question: “What was the Wall really like?”

Today, only fractions of the no-man’s land and the Wall itself remain. The computer animation connects the dots – making the perils of the border region visible. For the first time, historians and television producers have created a detailed reconstruction of the no-man’s land as it looked at the start of the 1980s, including new views of the border fortifications.

With startling imagery, the animation recreates what was once a divided Germany for those who know it today as just another piece of distant history, helping younger generations better understand the suffering of people in Berlin and throughout Germany, divided for decades by the border between East and West.

Animation, 11 min., 2009, HD; Arabic, English, French, German, Portuguese, Russian, Spanish; WW, VoD, M, IFE

524730 002
Making of “Walled in!”
To recreate the border region in as much detail as possible, animators generated more than 130,000 images from historical models, in a high-definition computer process that took some 100,000 hours to complete. Every object had to be created as an individual graphical element using polygon shapes. The Church of Reconciliation, located in the death strip, for instance required some 500,000 polygons. The Making of Walled in! tells the backstory of the striking animation, including the intensive effort required to build a virtual replication of the Berlin Wall.

Documentary, 11 min., 2009, SD; Arabic, English, French, German, Portuguese, Russian, Spanish; WW, VoD, M, IFE
The Promise of the West

The Berlin Wall was one of the most infamous symbols of the Cold War and the division of Germany. For some people living behind the Iron Curtain, the pull of the West was so strong that they were willing to risk their lives to cross the heavily guarded border between East and West Berlin. Hundreds were killed trying to flee, but many others managed to make it to the West by using ingenious and spectacular methods of escape.

564713  001
Just Get Over There! – Kicking for the Class Enemy
Falko Götz – star on the football pitch for many years and former coach to German Bundesliga club Hertha BSC. Few people know that Götz took the decision of a lifetime at the age of 21. He left his family, his home, and his country, the German Democratic Republic. Falko Götz tells the whole story of his flight and its consequences. Did he find the freedom he was looking for?

564713  002
Flight to Freedom
Three brothers, three escapes, three incredible stories. Ingo, Holger and Egbert Bethke fled East Germany one by one in dramatic style. In this film the brothers meet for the first time in eighteen years to talk in detail about their escapes, about what happened, and what might have happened.

564713  003
Sailing to Freedom
The Russian combat helicopter dived towards the little boat at top speed. When it was almost on top of the craft, the pilot pulled the nose up and turned away. The three men in the boat thought they had made it and continued heading north-west towards Denmark. What reads like a scene from an action novel was a daring escape bid that took place in 1986.

564713  004
Veiled Plans
As the daughter of a diplomat, Kerstin Beck saw more of the world than most East Germans. She lived in Iraq and Vietnam, and went to Soviet-occupied Afghanistan as an exchange student when she was 23 after hatching a plan to cross the Hindu Kush and enter Pakistan. From there, she was able to fly on to West Germany.

564713  005
Risking Everything
When Berit Geißler was 21, she and her family escaped the GDR by hiding in the back of a caravan belonging to a holidaying Swiss couple. They then crossed from what was then Yugoslavia to the West, with Berit locked into a water tank and her husband and baby sewn into a mattress.

564713  006
Escape Through the Sewers
Dieter Wohlfahrt was 15 when he left the GDR and moved to West Berlin. Years later, he took advantage of the fact that his Austrian nationality allowed him to cross between West and East Berlin to help East Germans escape through the sewerage system. During a rescue attempt in 1961 he was shot and killed by GDR border guards. Karl-Heinz Albert was with him at the time. He’s never come to terms with his friend’s death.

When the Berlin Wall fell in 1989, it marked the end of an era. How did people adjust to their new lives?

564713  007, 564713  008
The Harvest – The Aftermath of East Germany’s Fortified Border
The fall of communism in 1989 turned life in a small East German village upside down. Twenty years on, most of the inhabitants were still there, but their lives had been transformed. This epic report from deep in the heart of the former GDR provides fascinating insight and is compelling as a study of personal hopes and fears, joy and suffering.
The Berlin Wall, Our Family and Us

It’s been 30 years since the fall of the Berlin Wall, but differences between eastern and western Germany still remain. Franz Hildebrandt-Harangozó and his sister Antonia Hildebrandt were both born after 1989 and grew up in a united Germany.

They study in Berlin and live near Bernauer Strasse, a street where the Berlin Wall once split the city in two. Their grandparents watched the Wall go up in 1961 and decided to stay in East Berlin; their mother fled to the west in 1989, shortly before the Wall came down. Franz and Antonia want to find out why traces of Germany’s division still exist to this day. As the two talk to their family and explore the former East Germany, the legacy of Germany’s division into two states comes to light. What did East and West look like back then, and what has since changed?
History
45 Min.

384846 001
Tito’s Murder Squads – The Killing of Yugoslav Exiles in Germany
Before the fall of the Berlin Wall, around 30 opponents of the Yugoslav regime were murdered in West Germany – most exiled Croats assassinated on orders from Belgrade. German prosecutors believe former high-level intelligence agent Josip Perkovic was responsible for at least one of the killings, and he’s now been indicted in Munich. In a documentary as exciting as any spy thriller, Philipp Grüll and Frank Hofmann look into this and other cases.
Documentary, 45 min., 2015, HD; Arabic, English, German, Spanish; WW, VoD, M, IFE

384846 002
“Learn Polish!” – The East German Opposition and Solidarity
In the early 1980s, the courage displayed by members of the Solidarity movement in Poland gave East German opposition figures hope for reform in their own country. There were attempts at support – for example, the hunger strike by some 300 prisoners at a Stasi prison after martial law was proclaimed in Poland. But there were few direct contacts. Our film tells the stories of opposition activists then and now.
Documentary, 45 min., 2015, HD; Arabic, English, German, Spanish; WW, VoD, M

384846 003
The Rebels – Regime Change in East Germany
In 1989, communist East Germany was in uproar, with its citizens increasingly demanding freedom of expression, free elections and political reforms. Involved in illegal peace and civil rights groups, young activists like Catrin Ulbricht, Katrin Hattenhauer and Jochen Lässig faced interrogation and imprisonment. But myriad individual acts of courage grew into the rebellion that spelled the end for East Germany’s communist dictatorship.
Documentary, 45 min., 2015, SD; Arabic, English, German, Spanish; WW, VoD, M
Transit Camp Friedland, Part I and II
For millions of people, arrival at the Friedland camp in Lower Saxony marked the beginning of a new life – or at least some respite from a life on the run. The British military government opened the camp for German refugees and returning soldiers in September 1945. Today, Friedland is a reception center for asylum seekers and refugees. Many have abandoned everything back home and risked their lives to reach Europe. We accompanied some refugees during their stay in the camp and also talked to people who came to Friedland in the early days. All had dramatic stories to tell. “When I meet children from Syria or elsewhere in Friedland today, I am always meeting myself,” says Annelie Keil, who arrived there as an eight-year-old child in 1947. How different are the feelings, experiences and aspirations of the people in this place where so many decades of escape stories intersect?
Documentary, 02 x 45 min., 2015, HD; Arabic, English, German, Spanish; WW, VoD

The Scent of Home – Encounters in Little Hanoi
It smells of coriander, mint and fish sauce. The Dong Xuan wholesale market in Berlin’s Lichtenberg district is like a mini-version of Hanoi in Germany. The stalls are a meeting place for East and West, Germans, immigrants, tourists and locals alike. “Dong Xuan means spring meadow,” explains Mai-Phuong Kollath, who came from Vietnam to the former East Germany as a contract worker in 1981. Here she buys fresh herbs for her spring rolls. Retailers like Raghbir Singh buy clothes wholesale here. He arrived in West Berlin from Punjab as a student in the summer of 1989. The Sikh is now a grandfather. His children and grandchildren were born in Berlin and only know a unified Germany. Businessman Suat Bakir was eight years old when he arrived from Turkey with his parents. “German reunification was like a wedding to which the immigrants were not invited,” he says. We also meet Elisa Dosse from Mozambique, who lives with her husband in the eastern German city of Dessau. One of her best friends was murdered by neo-Nazis in 2000. They all have their own stories to tell, and all of them are closely linked to Germany. We visit them at home, in Dessau, Hamburg and Rostock, and accompany them to a place where Germany is exotic and different: a place that feels and smells like home.
Documentary, 45 min., 2015, HD; Arabic, English, French, German, Portuguese, Russian, Spanish; WW, VoD, M
The science magazine Know it! History takes a fresh look at historical events and buildings, archeological research and cultural phenomena, and makes use of vivid re-enactment.

The clips present historical figures such as Cleopatra, queen of Egypt; Cixi, empress dowager of China; the Carthaginian general Hannibal; the Italian artist and polymath Leonardo da Vinci; and Catherine the Great, empress of Russia.

The clips consider epochs such as the Babylonian Empire, the era of Viking rule or the Golden Age of Islam in medieval Spain, as well as turning points in history – including the emergence of the Chinese Empire, the birth of the Roman Empire and the battle of the Incas against the Spanish conquistadors.

They also present buildings and structures such as the symbolic tomb of the Egyptian god of the afterlife Osiris, the Mayan city of Chichén Itzá, the Dome of the Rock on Jerusalem's Temple Mount, the Kremlin in Moscow and the Taj Mahal in the Indian city of Agra.

Other clips show archeologists at work: Searching for the wrecks of galleys off the Turkish coast, investigating ancient gold-extraction practices in south-eastern Europe, or as they find out more about the lives of people in the early Bronze Age.
Fake, Stolen – Sold!

There’s a lot of money to be made from art – legally and illegally. Speculators invest in works of art in the hope they appreciate more quickly than property or shares. Experts say that the third largest illegal trade worldwide is in art, behind drugs and arms. Top forgers make a fortune, and many in the international art world turn a blind eye to fraud if it is profitable. Criminals steal works in order to demand a ransom from their owners. Fake, Stolen – Sold! shows just how much criminal energy and human resourcefulness are devoted to making money from art – and how the police and judiciary, scientists and the media seek to put a stop to their game.

The Big Bluff – Lucrative Forged Art Scams
German master forger Wolfgang Beltracchi had the art world fooled for 35 years. He specialized in recreating lost works by famous artists. He told his clients that the works came from the Jäger Collection. There was indeed a Herr Jäger, but he never had an art collection.

Real or Fake? – How Investigators are Catching On
Sometimes it’s paper that’s been made to look old using coffee or tea. Sometimes it’s a substance in the paint that didn’t exist when the original would have been created. Scientists have developed a variety of methods to unmask art forgers.

The Mystery of the Fake Mummy
A “Persian mummy” is discovered in Pakistan. The find turns out to be a fake, one that cost the life of a woman. Investigators set out to discover who the woman was, and who killed her.

Thieves in the Temple – Behind the Scenes of the International Art Market
A thousand-year-old statue looted during the Cambodian civil war is to be auctioned at Sotheby’s. The auction house deploys all the legal tricks in the book to prevent the artifact from being returned to Cambodia. But after a lengthy court battle Sotheby’s relents, fearing damage to its reputation, and agrees to give the statue back.

The “Spanish Master” – Magnificent Copies of Ancient Sculptures
The art world has dubbed him the “Spanish Master” – a forger active about two decades ago who created a series of ‘antique’ bronzes, which had many collectors, archeologists and art historians fooled. He has never been identified. It is not even clear if it was one individual or a whole team.
Mention culture, and what usually springs to mind is famous writers and composers, great painters and sculptors, celebrated actors and singers. But culture encompasses much more: street musicians and graffiti artists, samba and tango virtuosos, masters of caricature and satire. Culture is vibrant and diverse, international and able to unite nations and peoples.

364795 006
**Drawing With Flowers – Nature Artist Nils-Udo**
Drawing with flowers, painting with clouds, writing with water – this is the motto of Nils-Udo. The pioneer of the ‘land art’ movement finds his materials in the natural world: stones and twigs, leaves and petals, sand and salt. He processes these elements into pictures, metaphors and symbols – works that are not meant to last forever, but intended for the moment.
*Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR*

364795 012
**Courageous, Strong and Skillful – Folk Artists in Uzbekistan**
Every summer, a troupe of dorboz and polvon – that is, highwire acrobats and heavyweight athletes – draw enthusiastic crowds. They travel through the Fergana Valley from May to September, putting on shows in parks and at private celebrations. To this day, the densely populated region is the heartland of this traditional folk culture.
*Documentary, 30 min., 2014, HD; Arabic, English, Spanish; VoD, LR*

364795 013
**Flowers of Fire – The Art of Pyrotechnics**
The images painted by fireworks in the night sky are called “flowers of fire”. The art of pyrotechnics creates pictures for the moment. But pyrotechnicians also have other talents, creating explosive and dazzling special effects for action movies and stage shows.
*Documentary, 30 min., 2014, SD; Arabic, English, Spanish; LR*

364795 014
**Roden Crater – The World’s Largest Artwork**
The largest artwork in the world has been in production since the mid-1970s in the southwestern United States. Here, light artist James Turrell has been working to turn an extinct volcano, the Roden Crater, into a gigantic sculpture where the sky, light and stars can be experienced like never before.
*Documentary, 30 min., 2016, HD; Arabic, English, Spanish; LR*

364795 002
**Elegance and Passion – The World of Tango**
Tango is rhythm. Tango is passion. Tango is elegance. Once you’ve been gripped by tango fever, you’ll soon forget everything else. The dance originated in the 19th century in Buenos Aires and Montevideo. Today, it’s a worldwide phenomenon. But no matter where its practitioners live, they all share one thing: a burning love for the dance and a desire to “lose themselves” in the music.
*Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR*

364795 003
**New York Graffiti – From Street Art to Collectors Items**
His career began in the Bronx in New York, where he daubed his graffiti on walls for the first time. Since then, the German-French artist who goes by the name of Reso has been active in many countries, inspiring a generation of graffiti artists. He is internationally renowned and his works are shown at mainstream galleries. He still paints with the same passion – but these days, almost always on canvas rather than concrete.
*Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR*
364795 015
**Made in Tokyo – Art, Fashion and Music**
Whether it’s in the fields of art, fashion or music – talented individuals from the Japanese capital Tokyo distinguish themselves through skill and diligence, creativity and ambition, inventiveness and tenacity. For example the pop artist Keiichi Tanaami, the fashion blogger Juno Suzuki and the street musician Megumi Mori.
*Documentary, 30 min., 2016, HD; Arabic, English, Spanish; VoD, IFE, LR*

364795 016
**Berlin’s Klezmer King**
Klezmer was the traditional music of the Jews of Eastern Europe. These days, it’s popular in many other parts of the world. The performances of the passionate musician, comedian and ambassador for Yiddish culture Jossif Gofenberg can get any audience up on its feet.
*Documentary, 30 min., 2016, HD; Arabic, English, Spanish; LR*

364795 017
**Freestyle – Jazz and China**
Shanghai boasts a cool cosmopolitan jazz scene. A number of musicians here are developing their own Chinese-influenced jazz style, encouraging improvisation and breaking with a tradition of performing scores exactly as written.
*Documentary, 30 min., 2016, HD; Arabic, English, Spanish; VoD, IFE, LR*

364795 018
**Polar Circle Rock – Iceland’s Vibrant Music Scene**
Icelanders love making and listening to music. They see it as a way of expressing what makes them different. That’s why some experts say Iceland has almost as many different musical genres as it does inhabitants!
*Documentary, 30 min., 2016, HD; Arabic, English, Spanish; VoD, IFE, LR*

364795 019
**What a Circus – The Wonderful World of the Artists**
The Charles Knie Circus is one of Germany’s newest circuses. It was only founded in 1995 but has already earned itself an excellent reputation. The ensemble is made up of international performers and strives for one thing above all else: perfection.
*Documentary, 30 min., 2016, HD; Arabic, English, Spanish; LR*

364795 020
**Masters of All Styles – Art Reproduction in Berlin**
Whether Renaissance, Baroque or Rococo – Evgeni, Mikhail and Semyon Posin know how to reproduce any style to perfection. In their art studio in Berlin, the three Russian brothers copy masterpieces from all epochs. Their reproductions are signed, to ensure that they do not pass as forgeries.
*Documentary, 30 min., 2016, HD; Arabic, English, Spanish; VoD, IFE, LR*
The Art of Space

Green oases in the desert sands. Cool high-rise blocks and mythical gardens. Floating cities and underwater settlements. Skyscrapers and towers. Architecture in a category of its own, employing the most up-to-the-minute construction designs and traditional composition in natural spaces. From the breathtaking to the bizarre, the series The Art of Space shows the incredible variety of spatial experimentation being conducted today. It shines the spotlight on the risks and opportunities presented by the ever-changing face of our world.

Purists at Work – An Intelligent House
The design is clear and simple. But the façade of this particular house conceals some phenomenal technology. For example, the owner may be away on holiday, but he can still communicate with people trying to visit him at home. Advanced control systems allow for energy-saving and intelligent interaction between the house and its human inhabitants.

Up in the Clouds – Life in Chicago’s Hancock Center
The John Hancock Center is one of the world’s tallest structures and draws half a million tourists every year. About 5,000 people live in this Chicago landmark and they rarely need to leave it. They have everything they need under one roof – offices, a post office, a bank, a car park, a television station, fitness center, swimming pool, and plenty of shops.

Très, très chic! – A Tour of Europe’s Most Beautiful Designer Homes
Designers and architects spend their lives styling spaces for others. But what do their personal spaces look like? What is important to them, how do they put their own individual stamp on their personal sphere? Join us on a breathtaking trip across Europe, for an intimate glimpse of the most unusual homes and exclusively designed living spaces that hover somewhere between dream and reality. One thing is certain – it all promises to be très, très chic!

Nothing But Glass – A Far-Sighted Concept
Anyone building on a south-facing hillside with a stunning view should open the house up to the light and the landscape and keep it closed to the north. We visit just such a house, with a thirty-meter facade of glass overlooking a beautiful valley.
564704 012
Old Without, New Within – A House Inside a House
Deep in the Bavarian Forest lies an old, weather-beaten farmhouse. It was small, humble, warped, cramped and totally dilapidated; its history stretches back 170 years. Then it was remodelled. The integration of concrete cubes into the existing framework created a house inside a house, a living space where new design finds its place within the original structure.
Documentary, 30 min., 2010; Arabic, English, Spanish; LR

564704 019
Nature Is Future
Awareness of the need to save energy is growing in Arab Mediterranean nations. That, in part, is in response to climate change and rising energy prices. More and more money is now being spent on the construction of low-energy housing, rather than badly insulated concrete buildings. Prototypes are being developed in many countries.
Documentary, 30 min., 2011; Arabic, English, Spanish; LR

564704 022
The Fagus Factory – Walter Gropius’ Timeless Factory Building
In 1911, the German businessman Carl Benscheidt commissioned a new factory from the man who would later found the Bauhaus. With his Fagus Factory in Alfeld, Walter Gropius wrote architectural history. The innovative design broke with all tradition and created working conditions that were exemplary at the time. The factory is an important example of early modern architecture and has been included on UNESCO’s list of world heritage sites.
Documentary, 30 min., 2012; Arabic, English, Spanish; VoD, IFE, LR

564704 026
Singapore – City of Gardens
The city state of Singapore is just 700 square kilometers in size. Building plots are expensive. But almost 50 percent of the metropolis is actually green – Singapore has no less than 300 parks. Trees and grass are a feature on every street and around residential blocks. This is the result of a meticulous and strictly implemented urban planning concept aimed at making Singapore a city for living, working and playing.
Documentary, 30 min., 2012; Arabic, English, Spanish; LR

564704 027
Building with Light – A Masterpiece of Organic Architecture
The small German town of Löbau is home to one of the most stunning examples of Modernist architecture, Haus Schminke, a villa designed in the early 1930s by Hans Scharoun. The house, full of light and life, is a historical monument of global repute.
Documentary, 30 min., 2013; Arabic, English, Spanish; VoD, IFE, LR

564704 028
Gateway to the City – Railway Station Architecture
Railway stations are public places, symbols of mobility and a stage for displays of emotion: farewells and reunions, homesickness and wanderlust. They provide travelers with their first impression of a city. How does railway station architecture pay heed to the building’s manifold functions – both in the past and the present?
Documentary, 30 min., 2013; Arabic, English, Spanish; VoD, LR

564704 029
Bunkers for Sale – Visions for Relics of the Past
Germany wants to sell its stock of bunkers. But who is going to be interested in buying such problematic structures – windowless, difficult to heat and prohibitively expensive to demolish? Innovative architects are working on new ideas to make the bunkers a more attractive prospect.
Documentary, 30 min., 2013; Arabic, English, Spanish; LR
564704 031
**Eurozone HQ – The New European Central Bank Building**
The European Central Bank HQ is set to be yet another eyecatching feature of Frankfurt’s skyline. It comprises new twin polygonal skyscrapers and a huge market hall from the 1920s that will become the main entrance and public area. The architects are Coop Himmelb(l)au of Vienna.  
**Documentary, 30 min., 2013, SD; Arabic, English, Spanish; LR**

564704 032
**Many Concepts and One Plan – Eight Builders Under One Roof**
Eight clients and two architects working on a single project: This may sound complicated, but it has its advantages. For example, it can reduce the costs for connecting the utilities. Even when there is a need for close consultation, individuality need not be sacrificed. Each client will end up with a lovely home.  
**Documentary, 30 min., 2013, SD; Arabic, English, Spanish; LR**

564704 033
**Wild Beauty: Berlin’s New Center – A Tour of the Government Quarter**
Government buildings, parliamentary chambers and corporate offices have filled holes in the German capital made by World War Two, plots that remained undeveloped while Berlin was a divided city. On a tour of the new government quarter, urban planners and architects point out some of the things most of us miss.  
**Documentary, 30 min., 2013, SD; Arabic, English, Spanish; LR**

564704 034
**Vienna’s Old Town – A Living Monument**
Vienna’s historic center has been a UNESCO World Heritage site since 2001. And that represents quite a challenge for all concerned: how to respect the constraints on construction in a protected historic area while addressing the needs of those living in this city of over a million people. For architects, urban planners and the conservation authorities in the Austrian capital, this means a perpetual balancing act between preservation and progress.  
**Documentary, 30 min., 2013, SD; Arabic, English, Spanish; VoD, LR**

564704 036
**Treasure in the Debris – Old Doors, Beams and Roof Tiles**
More and more people are upcycling and reconditioning used building materials for their homes. Old tiles, metal fittings, doors and floorboards can be full of character and often tell a story, making them an attractive addition to contemporary decor. In fact, some derelict buildings are the scene of what can only be described as full-scale treasure hunts. These days, materials such as beams and doors can fetch a high price.  
**Documentary, 30 min., 2013, SD; Arabic, English, Spanish; LR**

564704 037
**Life on a Houseboat – Realising the Dream of a Floating Home**
The two young architects Amelie Rost and Jörg Niederehe won a highly sought-after berth in the northern German city of Hamburg with a creative design for a houseboat. They put their heart and soul into the realisation of their dream of a life on the water. We filmed the entire process, from the construction of a pontoon in a Hamburg shipyard to the moment the couple moved into their houseboat.  
**Documentary, 30 min., 2013, SD; Arabic, English, Spanish; VoD, IFE, LR**

564704 039
**Summer Architecture – Lake Wörth Villas**
Lake Wörth in southern Austria was a popular holiday resort for well-heeled guests as far back as the mid-19th century. Starting around 1850, many charming villas, mansions, bath- and boathouses were built. A distinctive Lake Wörth style emerged – a mix of regional romanticism, art nouveau, baroque and English country-house architecture.  
**Documentary, 30 min., 2013, SD; Arabic, English, Spanish; VoD, IFE, LR**
564704 041
The Work-Life Balance – A House for Three Brothers
Not only do the Mühl brothers work together, they also wanted to live together with their families. So they embarked upon an unusual construction project: Their office as a base with three townhouses on top, offering both privacy and togetherness.
Documentary, 30 min., 2014, SD; Arabic, English, Spanish; LR

564704 042
My Unique Home – Perspectives on Off-Beat Living Spaces
Architects and craftsmen, dreamers and visionaries open the doors to their very special homes. They talk about what motivated them to put down roots in their chosen location. And what they invest in terms of energy and nerves to create their very personal living spaces.
Documentary, 30 min., 2014, SD; Arabic, English, Spanish; LR

564704 044
Logistical Adventure – Relocating an Old Farmhouse
What do you do when you find your dream house, but it’s in the wrong place? You move it. An old Bavarian farmhouse is dismantled bit by bit. Each beam, brick and door is painstakingly numbered and transported to the new location, before being reassembled as before.
Documentary, 30 min., 2014, SD; Arabic, English, Spanish; LR

564704 045
Creative Spaces – From Life Vision to Dream Home
These homes reflect the diverse approaches to life of the people responsible for their conception: A man realizes his dream of living at lofty heights by constructing a huge tree-house. And a couple prepare for a sociable old age by turning a former winery into a house to accommodate several generations.
Documentary, 30 min., 2014, SD; Arabic, English, Spanish; LR

564704 047
From Zurich to Tokyo – In Search of New Ideas for Housing
Tokyo may have 13 million residents, and Zurich may only have 400,000 – but the two cities have one thing in common: both are densely populated, expensive and in need of new approaches to housing. For example, variable units that can be adapted to the different phases of the residents’ lives. Or what are being called ‘cluster’ apartments with small private areas and large communal spaces.
Documentary, 30 min., 2015, HD; Arabic, English, Spanish; VoD, IFE, LR

564704 048
A Life Less Ordinary – People and Their Houses
Two German families, two approaches to designing a home. The Pradels commission a new energy-saving house made with modern materials. The Schwarz family, on the other hand, have created their new home in an old barn with thick stone walls.
Documentary, 30 min., 2015, HD; Arabic, English, Spanish; LR

564704 050
Tadao Ando – Master of Minimalism
Tadao Ando of Japan is a self-taught architect, who is revered worldwide for his work. His buildings are in dialog with their surroundings. The strict geometry of his constructions contrasts with the organic forms of their natural settings. Ando works with a limited range of materials such as wood, glass and concrete.
Documentary, 30 min., 2015, HD; Arabic, English, Spanish; VoD, IFE, LR

564704 051
Concrete – A Material in Flux
Ten billion tons of concrete are produced each year. It is a defining feature of the man-made environment. Architects love its versatility and strength. But concrete is still regarded as a cheap building material by many. People who develop new kinds of concrete, who use concrete, and who live in concrete structures, talk about their experiences.
Documentary, 30 min., 2015, HD; Arabic, English, Spanish; VoD, LR
564704 052
**Less is More – Living in Tiny Houses**
Some people choose to live in a tiny house because they want to lead a simple life. Others can't afford anything larger. Nowadays there is even a tiny house movement. One of its founders is Jay Shafer from California. His own living space measures just 10 square meters, and his tiny house designs are enjoying great success.
*Documentary, 30 min.,* 2016, HD; Arabic, English, Spanish; VoD, IFE, LR

564704 053
**Japanese-Style Weatherproofing – A House of Fire and Glass**
For centuries, the Japanese have used charred cedar wood to clad houses. The process makes the siding last lon-ger – cheaply and without the use of any chemicals. The method – Yakisugi – has in the meantime found its way to other parts of the world. In Germany, Simone and Siegfried Ottinger wrapped their dream house in Japanese-style charred wood.
*Documentary, 30 min.,* 2016, HD; Arabic, English, Spanish; LR

564704 054
**Extravagant and Luxurious – Living in Dream Locations**
Who doesn’t dream of living in a beautiful home in a gorgeous location – a cozy farmhouse or a Baroque mansion, perhaps, preferably with a glorious view? Many people would love to take a peek inside other people’s grand houses. A few owners have obliged and opened their doors to our camera teams.
*Documentary, 30 min.,* 2016, HD; Arabic, English, Spanish; LR

564704 055
**Surrounded by Nature – Architecture in the Mountains**
Tourists, nature enthusiasts and winter sports fans are all drawn by the beauty of mountains. Hotels and roads, lifts and ski slopes are built in the midst of spectacular mountainscapes. There is a growing sensitivity on the part of architects about integrating new constructions into their surroundings.
*Documentary, 30 min.,* 2016, HD; Arabic, English, Spanish; VoD, LR

564704 056
**An Extraordinary Design – The House with the Diagonal Roof**
Sometimes, architectural designs fly in the face of building regulations. The Edelmann family wanted their new house to have a flat roof, but the municipality demanded a gable roof. The architects eventually came up with a creative solution that provided more space and higher ceilings than the Edelmanns had ever dreamed of.
*Documentary, 30 min.,* 2015, HD; Arabic, English, Spanish; LR

564704 057
**In Harmony with the Environment – The Buildings of Álvaro Siza**
Álvaro Siza is Portugal’s best-known living architect and a recipient of the prestigious Pritzker Prize. The vivid, sculptural quality of his work has earned him international recognition. Siza always considers the surroundings and social context of the buildings he designs.
*Documentary, 30 min.,* 2015, HD; Arabic, English, Spanish; VoD, IFE, LR

564704 058
**Sustainable and Desirable – Future Urban Visions**
All over the world, architects are working on prototypes of sustainable buildings as they might appear in the cities of the future. Run-down housing complexes are being brought up to current energy-efficient standards with new materials. One project nearing completion in the Arabian desert is an eco-city powered entirely by renewable energies.
*Documentary, 30 min.,* 2017, HD; Arabic, English, Spanish; VoD, IFE, LR

564704 059
**Immersed in Nature – A Rural Residential Idyll**
On their days off, the Kohlmaier family leave their home in Hamburg to spend time in their country cottage beside a river. Another couple have created their very own paradise in a 200-year-old farmhouse.
*Documentary, 30 min.,* 2017, HD; Arabic, English, Spanish; VoD, IFE, LR
564704 060  
**Fernando Abrúña Charneco – Pioneer of Eco-Friendly Architecture**
For 40 years, Puerto Rican architect Fernando Abrúña Charneco has been meeting the challenges of climate change with innovative designs. When he started out in the 1970s, he was derided as a crank. His Absent House doesn’t have a roof or depend on public water and energy supplies.
**Documentary, 30 min., 2017, HD; Arabic, English, Spanish; VoD, IFE, LR**

564704 061  
**Seamless Assimilation – A Modern House in an Old Town**
The German town of Bamberg boasts a captivating mix of medieval and baroque architecture. When they were commissioned to build a modern flat-roof house close to the old town center, the architects Johannes Müller und Stephan Häublein designed a simple unadorned structure with lots of glass that complements rather than mimics the older buildings near by.
**Documentary, 30 min., 2017, HD; Arabic, English, Spanish; VoD, IFE, LR**

564704 062  
**Build Your Own City – Video Games Influence Urban Planning**
Laying out residential districts and public spaces is usually the work of urban planners. But how can local people get involved when their neighborhood is to be revamped? One starting point is to play videogames such as Minecraft or Block’hood. They serve as a playful introduction to urban planning, and can help make it a democratic process.
**Documentary, 30 min., 2017, HD; Arabic, English, Spanish; VoD, IFE, LR**

564704 063  
**The Fascination of Wood – Rethinking Traditional Timber**
For a long time wood has had a bad reputation as a building material. But preconceptions that it rots and burns easily have now been rendered obsolete: Wood just has to be treated right. Furthermore, it is not only suitable for the construction of individual houses and smaller buildings. These days, wood can also be used for apartment buildings and high-rises.
**Documentary, 30 min., 2017, HD; Arabic, English, Spanish; VoD, IFE, LR**

564704 064  
**Beyond the Mainstream – Radical Living Concepts**
Islands made of garbage, capsules in trees, or a house that can be carried around in your bag: all over the world, architects, builders and artists are dreaming up new ideas for living spaces. These should, if possible, be kind to the environment and fulfil our need for mobility, flexibility and freedom.
**Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, IFE, LR**

564704 065  
**Shelter on the Slopes – Mountain Huts in the Alps**
When it comes to turning in for the night, hikers in the European Alps have a variety of shelters to choose among, ranging from traditional wooden structures to futuristic cubes. The Berliner Hut in Tyrol was built in 1878, at a time in which Alpinism was becoming fashionable in Europe. In 1997, it became the first Alpine shelter to be placed under preservation order.
**Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, LR**
564704 066
**Combining Aesthetics and Functionality – The Architect Otto Wagner**
The architect and urban planner Otto Wagner had a great impact on the appearance of the Austrian capital Vienna. His buildings marked a departure from the ornate and fussy style of historicism. He deployed new materials and created stunningly bold geometric designs. He was both a master of art nouveau and a pioneer of modernism, a rigorous champion of functionalism. He was decades ahead of his time.

**Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, IFE, LR**

564704 067
**Antti Lovag: Master of Organic Forms**
The Hungarian architect Antti Lovag called his curvaceous residential structures a “rebellion against the right angle”. In southern France, he realized his vision of living spaces in harmony with nature and the human body with the “Maison Bulles”. Antti Lovag’s radical design approach was even extended to the furniture.

**Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, IFE, LR**

564704 068
**Creativity and Comfort: Making Dream Homes Come True**
The owners of these buildings aren’t afraid to take on a challenge: The Finck-Sixt family built their dream home on a miniscule plot of land. The renowned architect Peter Ippolito created a true gem in the form of a house with a floor plan shaped like a slice of cake. And the Blümigs turned an old tobacco barn into a loft flooded with light.

**Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, IFE, LR**

564704 069
**Between Europe and the US: In the Footsteps of the Architect Ely Jacques Kahn**
The architect Ely Jacques Kahn helped shape the New York skyline, building close to fifty skyscrapers there over the course of his half-century career. He was influenced in his work by contemporary European architects, in particular Viennese modernism.

**Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, IFE, LR**

564704 070
**Room With a View: The Fascination of Towers**
Whether it’s a water tower, castle tower or observation tower, there’s something very appealing about these highly visible and often striking structures. Many bear witness to history; some have been repurposed as unusual homes; one was recently built to test high-tech elevators.

**Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, IFE, LR**
564704 075
**The Architecture of Uniformity – What Future for Shopping Malls?**
The iconic malls of the United States are experiencing a dramatic decline. One third of the nation’s shopping centers have now shut their doors for good. Online trade is just one of the reasons. Another factor is the uniform design of the malls and the standardized stores and products. New ideas are urgently needed for these outdated temples of consumption.

**Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, IFE, LR**

564704 076
**A Logistical Feat – Bridge Building in the Port of Hamburg**
The port of the northern German city of Hamburg is home to a giant: the old Rethe Lift Bridge. It’s a key connector for rail and road traffic in one of Europe’s largest shipping hubs. But now the bridge, which dates from 1934, needs to be replaced: by a bascule bridge set to be the biggest in Europe. Port operations need to continue uninterrupted during its construction.

**Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, IFE, LR**

564704 077
**Strolling Among Sharks – The Spectacular Architecture of the Nausicaà Aquarium**
The French town of Boulogne-sur-Mer hosts the largest public aquarium in Europe. Visitors to the Nausicaà National Sea Center can marvel at creatures native to all the world’s oceans. The latest tank contains 11,000 cubic meters of water and has a glass underwater tunnel more than 18 meters long, so visitors can literally stroll among sharks, manta rays and other wonders of the seas.

**Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, LR**

564704 078
**It’s All in the Detail – Quirky Concepts for Individual Living**
An old forester’s lodge is transformed into a vibrant, modern villa. A heated pool with palm trees brings Caribbean flair to a family home in southern Germany. And in a house without any doors, rooms can be created at whim with sliding walls. Often it’s details such as these, combined with strong-willed home-owners set on realizing their ideas against all the odds, that result in a very special ambience.

**Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, IFE, LR**

564704 079
**Venice in Trouble – That Sinking Feeling**
Venice is without compare: the city was built in the middle of a lagoon on more than 100 islands connected to one another by more than 400 bridges. Canals serve as streets. The people that built Venice developed unique techniques to erect palaces, churches and houses on unstable ground and protect them from the water. But shipping, mass tourism and more frequent flooding are all damaging the centuries-old structures. What can architects and engineers do now to stop Venice disappearing into the sea?

**Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, LR**
564704 080
Up in the Treetops – Living the High Life
For many, to have a hut up in the branches of a tree is a childhood dream. Treehouses open up new perspectives and are highly fashionable – and not just as holiday accommodation. More and more architects are creating prototypes for innovative, minimalist living in the midst of Nature. They can be very comfortable, supplied with electricity and water. Primarily in areas close to towns and cities, tree- and stilt houses aim to provide an alternative to conventional living.
Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, IFE, LR

564704 081
Architectural Mavericks – Coop Himmelb(l)au
The bold designs of the Vienna-based architectural practice Coop Himmelb(l)au provoke strong – and mixed – reactions. The architects enjoy international success. In their avantgarde designs, roofs become clouds and houses become crystal sculptures. They put up slanting walls, juxtapose horizontal and vertical features, explode surfaces and lines and make angular structures smash into roofs and facades like meteorites.
Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, LR

564704 082
Behind Prestigious Facades – Villas Past and Present
Villas designed by great architects are perhaps the most exclusive places to live. They are intended to convey the wealth, lifestyle and power of their owners. In southwest Germany there are many villas, both classical and modern in style, with colorful back stories. Nowadays, designing a villa often means adding smart technology as well as splendid gardens and a swimming pool.
Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, IFE, LR

564704 083
Tokyo – Building on Unstable Ground
Tokyo is hit by earthquakes and typhoons several times a year. Architects and urban planners aim to design buildings to withstand the forces of nature. Today, Tokyo is home to the world’s most earthquake-resistant structures with ingenious motion-absorbing features, supporting carbon fiber rods and steel frames. Rooms are suspended from these frames allowing them to move when a quake strikes. Beneath the city, cavernous spaces have been created to take in water in the event of a typhoon.
Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, LR

564704 084
Rising Water Levels – Architecture Responds to Climate Change
Rising sea levels present a global threat to human habitats. The onus is on architects and urban planners to come up with solutions – and some of them look spectacular. Floating platforms supporting buildings, parks or entire cities, for example.
Or underwater towns!
Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, LR

564704 085
Second Life – Building with Recycled Materials
The construction process consumes huge amounts of energy and raw materials – and once a building has reached the end of its useful life, it is usually torn down and the rubble discarded. This seems irresponsible at a time of ever dwindling resources. That’s why architects nowadays need to use more materials that have already been recycled or that can eventually be recycled.
Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, LR
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564704 086
Gems of Architecture and Landscape Art – The Lucca Villas
Many very old villas nestle in the hills surrounding the Italian city of Lucca. With their magnificent gardens, the residences displayed the wealth and social status of their original owners. The giardini segreti, or secret gardens, are masterpieces of Baroque design.
Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, LR

564704 087
New Concepts for Public Spaces – The Architect Boris Podrecca
Boris Podrecca does not limit himself to any particular style. The Vienna-based architect loves variety and the interplay of form, material and color. Podrecca's special interest lies in the design of public spaces. Whether it be in Istanbul, Belgrade or Vienna, he has created stunning locations for everyday interaction within the urban landscape.
Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, LR

564704 088
The Architecture of Hospitality – Bar and Restaurant Design
Bars and restaurants need to be welcoming places. The moment they enter, guests should feel relaxed and want to stay a while. And that's down to the architecture and the ambience it creates. These bars and restaurants in New York, Berlin, Amsterdam, Vienna and London have all nailed the winning formula – each in their own very individual way.
Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, M, IFE, LR

564704 089
Innovative and Iconic – The New Skyscrapers
High-rise buildings tend to be thought of as nondescript, featureless and dull. But it doesn't have to be that way. A number of spectacular new buildings offer proof – for example the two green towers of the Bosco verticale in Milan, or the HoHo timber high-rise structure in Vienna. New building materials and technologies such as 3D printing enable an almost limitless diversity of form to create structures that are perfectly tailored to residents' needs.
Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, M, IFE, LR
Wang Shu – New Builds with a Historical Flavor
Wang Shu’s buildings are a counterweight to the prevalent forms of architecture in China’s urban construction boom. He salvages rubble from demolition sites to create new structures, such as the Xiangshan Campus in Hangzhou and the Ningbo History Museum. His approach translates traditional building methods and materials into contemporary architecture. In 2012, Wang Shu became the first architect in China to win the prestigious Pritzker Prize.

Dramatic Natural Backdrops – Building in the Swiss Alps
How to create innovative works of architecture while remaining respectful of traditions and the landscape? Great architects such as the Pritzker Prize winners Norman Foster and Peter Zumthor certainly know how. Zumthor built the Vals thermal baths out of local stone and set them directly into the hillside. The complex is a masterpiece of modern Alpine architecture.

Our Dream – A House with a Garden
A family commissioned a new house and a new garden such that the two are as one. They wanted the garden to reflect the strict geometry of the house and yet be a lovely place to relax and play – and the living areas indoors to be clearly structured but also warm and inviting. It was a challenging brief for the architects.

Dinner is Served – Creative Spatial Concepts for Restaurants
Anyone would be more than happy to enjoy a dinner in spaces like these – or a cocktail at the very least. In these bars and restaurants, architects and designers have managed – in exemplary fashion – to create an ambience of comfort, exclusivity and coolness. Wherever they are in the world, these venues are customized to the client and the location.

Building with Straw – For Natural Longevity
Natural materials are experiencing a boom in the construction industry. Take straw, for example. An eight-storey apartment building made of wood in eastern France is entirely insulated with bales of straw. They ensure excellent thermal and acoustic insulation – and a pleasant interior climate.

Danish Design – Ecological and Functional
The Danish capital Copenhagen is home to a large number of highly original and ecologically-sound buildings: For example, Green Lighthouse, which is Denmark’s first carbon-neutral public building, and The Mountain residential complex. Danish architects are showing the world how building can be both environmentally friendly and unconventional.

Arno Brandlhuber – The Appeal of the Abandoned
The architect Arno Brandlhuber pushes the boundaries of the sustainability principle, preferring to work with existing buildings. His ingenious and imaginative designs transform even structures that at first appear unsalvageable into appealing spaces for working and living. When conceiving his prize-winning buildings, he pays particular attention to material minimalism and the social aspects of architecture and urban planning.
Today, more than half the world’s population lives in cities. By 2050, the figure will have risen to more than two thirds.

Cities produce huge amounts of greenhouse gases and garbage, and are at the root of many of the world’s environmental problems. Energy, water and raw materials are in increasingly short supply. What can we do to halt this trend?

The series Ecopia looks at exciting projects that address key questions: How should we live and work in the future? How should we shape our public urban spaces? How can green architecture provide new impetus for urgently needed ecological reforms?

School buildings made of locally-sourced clay in Burkina Faso, with a sophisticated roof construction and a passive ventilation system that uses no electricity. A university campus in South Korea that has been partially sunk into the ground to blend in with the landscape of an existing park. And a virtually planned science lab in Germany that is carrying out research into work environments of the future. These three sustainable projects from Africa, Asia and Europe in the education sector invite imitation.

The number of skyscrapers currently at planning or construction stage has never been greater. These buildings are becoming steadily more luxurious, imposing, taller and more robust. But architects are increasingly required to consider the environmental impact of their designs. The key question here is how to build in a manner that is simultaneously effective, efficient and ecologically sound. A sustainably built high-rise block costs around 10 percent more than a conventional one. But in view of rising energy prices, this investment pays for itself in just a few years. When assessing how to improve the green credentials of our towns and cities, the skyscrapers of the future are representative of the need to consider ecological and economic principles in equal measure.
Modern Culture Temples
Museums, concert halls, theaters and libraries enjoy high status throughout the world. They are all landmarks of a town or city and define its cultural identity. As well as being important factors in the competition to attract international tourists, they also provide local people with a place to gather and exchange ideas. And if their architectural design is spectacular and avant-garde, these buildings hold a very special appeal.

Tourism Goes Green
The tourism industry is viewed worldwide as an important economic factor with considerable growth potential. But more and more people are concerned about the environmental impact of their holidays. This has led to more sustainable architecture for tourist facilities. For example, in the east African nation of Rwanda, work is underway on two hotels distinguished by their innovative ecological approaches, cooperation with local partners and a design that reflects local traditions. On the Indonesian island of Bali, designers have created a holiday complex that aims to combine luxury with ecological principles. Materials have been sourced from the region; the ceilings are made of bamboo from certified plantations. The water recycling quota within the complex is at 80 percent, and most of the staff have been recruited from nearby villages.
The Cranachs and Medieval Modern Art

Two artists who embodied the ideal of the Renaissance man were Lucas Cranach the Elder (1472–1553) and his son Lucas Cranach the Younger (1515–1586). They were among the most successful painters of the 16th century, working as court painters and immortalizing Martin Luther and the Reformation in their paintings. They also ran printing workshops, were paper wholesalers, had a pharmacy license and were mayors of the renowned university city of Wittenberg. In Cologne, the Cranachs’ work is being digitized – a treasure trove for professionals and art lovers. The Cranach Digital Archive (CDA) makes it possible to zoom in on even the tiniest figures or the fine networks of cracks in painted faces. Our film follows in the Cranachs’ footsteps and provides an insight into the lives, work and times of the famous family of painters.

Words Against Silence

Indonesia’s Courageous Writers

With its 17,000 islands, 800 languages and 300 ethnic groups, Indonesia is a nation of superlatives. And one that is still searching for a common identity. After 350 years of Dutch colonial rule, decades of regional independence wars and a military regime that cost the lives of a million people, the country has yet to look its past squarely in the eye. For many years, a number of courageous writers have been agitating for this process to begin, by tackling subjects that still remain shrouded in silence: As a student in the 1990s, Linda Christanty from Jakarta joined the movement to topple Suharto. Azhari Aiyub from Banda Aceh writes about the region’s past struggle for liberation and coping with the aftermath of the tsunami. Oka Rusmini lives on the island of Bali. She describes the constraints of the Hindu caste system. Through their work, all three give a voice to the weak.
Ai Weiwei Drifting

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Documentary,  
01 x 60 min.,  
2017, HD,  
English  
WW, VoD, M, IFE

384857 004  
Documentary,  
01 x 45 min.,  
2017, HD,  
Arabic, English,  
German, Russian,  
Spanish  
WW, VoD, M, IFE

Ai Weiwei is one of the most provocative artists of our time. At home in China, he was subjected to surveillance, detention and house arrest. He was able to leave in 2015 and now lives in Berlin. In his recent work, he takes Europe to task for what he considers its disastrous refugee policy. He turns his despair and anger into art and protest.

A solitary rubber dinghy floats in the Aegean between Turkey and Greece. Ai Weiwei cowers inside the boat. He cannot swim. What is the message? “We are all refugees,” the artist says. He has created memorials in museums and public spaces out of boats, lifejackets and clothes abandoned on Europe’s beaches.

The film gets close to Ai Weiwei, illuminates his work, and also gives a rare glimpse into his private life – with his mother in Beijing, with his son and partner in Berlin. Nevertheless, he remains a mysterious figure in many respects. Just who is Ai Weiwei?
For years, a talented fraudster smuggled counterfeit antiques onto the art market. No one knew who the person was but workshops in southern Europe aroused suspicion. Experts have therefore named the fraudster the “Spanish master.” The documentary follows German archaeologist Stefan Lehmann, who’s been on the shark’s tail. Around 40 counterfeits have been discovered so far, but he thinks it’s only the tip of the iceberg. Lehmann hasn’t made himself popular, as the subject of counterfeiting tends to get swept under the rug within the art trade and museums. A Swiss collector was the first to break the silence. He gave Lehmann access to a bronze head of Emperor Augustus, which he had bought for several hundred thousand dollars in New York. It's an exciting case for Lehmann. Will his examinations prove that the head is fake? Auction houses and galleries know exactly what they're selling, according to Christoph Leon, an art dealer from Basel who's working with Lehmann. He says the market is full of fakes because antique sculptures fetch high prices among investors. This film follows a trail of dirty dealings and gives an insight into the secretive world of the antiques trade.
The Fate of Books in the Digital Era

For centuries, the book has been the vehicle and symbol of knowledge and intellect. But it has now been caught up in the digital revolution. Reading from a screen has become widespread. Online retailers of E-books are replacing bookstores, and putting publishers under pressure. Data about E-reading habits are being captured and analyzed, leaving readers vulnerable to manipulation. What is the value of the book in the digital age? How different are the approaches in Germany, where movable type was invented, and in the US, the pioneer of digitalization?

Global Beethoven
Cello and Horsehead Fiddle

What does it sound like when Germany’s National Youth Orchestra (BJO), plays music by the Chinese-Mongolian avant-garde composer Zulan? Zulan, who comes from Inner Mongolia, composed an opulent piece for the BJO and her own ensemble Mongolism. It’s called Amila and describes the dance of the shaman that gives mankind a new soul. While the BJO’s role is to set the scene, recreating the natural world, the shrubs, the mountains, Mongolism’s role is to relate the story. The film charts the journey of Zulan and the orchestra, beginning with the first encounter in Germany. Then there is the BJO’s concert tour of China, the second meeting with Zulan in Beijing and the first rehearsal of her music. And finally, the premiere of Amila at the 2015 Beethoven Festival in Bonn, where the German National Youth Orchestra and Mongolism perform together on the same stage for the first time.

Documentary, 01 x 30 min., 2016, HD; Arabic, English, German, Spanish; WW, VoD, M, IFE
Peter Lindbergh
Creator of the Supermodels

Peter Lindbergh has taken pictures of countless supermodels and stars, and has become a star in his own right for his artistry and boldness as a photographer. His approach to fashion photography is very individual – and has been hugely influential. He establishes a very personal relationship during photo shoots. His talent at getting people to open up and at capturing them at a single, particular moment, is what makes his pictures so special. Vogue magazine selected his iconic photo of supermodels in white shirts as the most memorable image of the 1990s.

Lindbergh has a particular fondness for black-and-white photography, which he feels often conveys a particular kind of melancholy. His photos blend an avantgarde aesthetic with the unpretentious style of the down-to-earth person that is Lindbergh. The result: realistic portrayals that allow for the odd flaw.
Cities Reinvented

Before long, most of the world’s population will be living in cities. If megacities are to be in a position to tackle the challenges represented by overcrowding, overburdened infrastructure, energy provision and climate change, appropriate structures need to be established. Whatever is planned or built today will determine whether cities will be good places to live in the future or whether they will collapse under the strain. The series shines a light on innovative architectural and urban-planning projects in New York, Tokyo and Singapore that can be considered exemplary responses to some of those challenges.

001 New York: Time for an Upgrade
Manhattan may be one of the world’s liveliest and richest places, but it is a slender island just 21 kilometers long and very crowded. Its buildings have been getting taller and taller. Many buildings from previous centuries need to be upgraded or replaced. The infrastructure is also severely strained. So large-scale eco-friendly redevelopment is on the cards, as is the creation of neighborhoods that are pleasant places to live and work. New York will need to stand its ground as cities compete for the best and the brightest.

002 Tokyo: The Urban Village Concept
The Greater Tokyo Area is the world’s most populous metropolitan region, and it is continuing to grow at a fast pace. The cost of housing is astronomical. This forces hundreds of thousands of people to commute long distances to work; their daily travel time can be several hours. Urban-planning solutions are urgently needed to prevent Tokyo from choking on its own growth. Strategies include raising density, promoting shared housing and micro-homes, and investing in ‘urban villages’, neighborhoods where people can live, work and spend their leisure time. That would reduce the number of commuters and improve the quality of life.

003 Singapore: Embracing Nature
Singapore is arguably the world’s most modern metropolis. The small island state with a growing population needs to plan land use and construction carefully. It is committed to sustainable development and to maintaining the city’s greenery. The climate is tropical, so ways to keep buildings cool and cool open spaces are a priority. Singapore has become a pioneer in eco-friendly energy-saving urban development. The regulations are stringent: any green space lost when a new building goes up must be replaced somewhere else – for example on the façade or on the roof. The city is creating a new generation of green skyscrapers that harvest rainwater and run on solar power.

Interview partners include:
- Sou Fujimoto, Sou Fujimoto Architects
- Kenneth A. Lewis, Skidmore, Owings & Merrill
- Ole Scheeren, Büro Ole Scheeren
- Kengo Kuma, Kengo Kuma & Associates
- Christoph Ingenhoven, Ingenhoven Architects
- Ken Hasebe, Mayor of Tokyo-Shibuya
- Elizabeth Diller, Diller Scofidio & Renfro
- Charu Kokate, Safdie Architects
- Adele Tan, Singapore Urban Redevelopment Authority
- Lin Bolt & Richard Hassell, WOHA Architects
- Renzo Piano, RPBW Architects
- Prof. Takayuki Kishii, Consultant, Masterplan Tokyo, Nihon University
- Prof. Hideo Takahashi, Urban Meteorologist, Tokyo Metropolitan University
- Yeo Meng Tong, Senior Director Design Research and Development, National Parks Board Singapore
- Eugene Kohn & William Pedersen, Kohn Pedersen Fox
- Satoshi Kurosaki, APOLLO Architects & Associates
Berlin is home to an outstanding treasure trove, the Prussian Cultural Heritage Foundation. It is one of the five largest encyclopedic collections in the world, comprising 19 museums with more than five million objects, a huge library, archives and research institutes, covering a vast range of cultures, artforms and epochs from the Stone Age to the present day.

Scholars and visitors explore this collection for answers to the burning questions facing humankind: How can we tap the resources of the Earth while also living in harmony with it? How can we deal responsibly with our history? How can our cultural heritage help us to understand and shape reality?

Berlin’s museums are not just centers of research and temples of beauty, they also reverberate with countless fascinating stories.
The Search for Perfection

Islamic Garden Design

In Islamic tradition, gardens and leafy courtyards are a foretaste of paradise. They are places to find shade and to rest, places for families and friends to gather. But the typical features of such gardens were developed much earlier: 2,500 years ago, the kings of Persia commissioned magnificent palace gardens, bursting with fragrant flowers and shrubs, cooled by watercourses, pools and fountains, and surrounded by high walls. Pavilions and trellises provided shade and dappled sunlight. The kings’ engineers created underground channels to bring water from faraway sources.

These palace gardens stood in stark contrast to the arid and inhospitable landscape that surrounded them. With their symmetry and opulent vegetation, they were seen as ideal images of nature. It is no coincidence that ideas of paradise in Judaism, Christianity and Islam were informed by such gardens. Whether on a grand scale, as the imposing park of a ruler’s palace, or on a more modest scale as the courtyard of a merchant’s house – this kind of garden spread, along with Islam, to the Arabian Peninsula, Central Asia, North Africa, Spain and the Indian subcontinent. While remaining true to its basic principles, it developed in different ways in each region.

The gardens in Morocco’s oases and coastal towns are often embellished with splendid architectural elements, colorful ceramics and decorative metalwork. In India, under the Muslim Mughal emperors, many impressive parks were laid out, with huge ornamental pools. One famous example is at the Taj Mahal in Agra. In medieval Spain, horticulture flourished during the era of Moorish rule: For centuries, the opulent palace gardens of the Alhambra in Granada were also an inspiration to architects of Christian rulers. And in Arabia, the planners of public parks adhere to ancient tradition to this day: Fountains and streams with rippling water, trees that provide shade, and aromatic herbs are seen as indispensable features in spaces that offer the inhabitants of densely built-up cities relief from the heat and the hustle and bustle of everyday life.
What do escalators in Medellín, Arabic lettering in Amman, story-telling furniture from London, urban farming in Detroit and a co-living complex in Tokyo have to do with the Bauhaus?

The architect Walter Gropius founded the Bauhaus in Weimar in 1919. He brought together some of the most illustrious artists in Europe to create a school that would fuse the fine arts and the crafts. Together, they set out to fundamentally rethink the world and society. Although the Bauhaus school – which later relocated to Dessau and then to Berlin – only existed for a few years, it revolutionized ideas about the organization of modern life.

In 2019, the Bauhaus will celebrate the 100th anniversary of its founding. To mark the occasion, planetfilm has produced a series of three documentaries for Deutsche Welle. The films focus on the influence that the philosophy of the Bauhaus movement still exerts on the globalized society of the 21st century. They also explore historical parallels between 1919 and the present day: Society is facing major upheavals and challenges, just as it did back then.

We meet architects, urban planners, designers and artists from around the globe who, in the spirit of the Bauhaus, want to rethink and change the world. Tatiana Bilbao, for example, is a Mexican architect who has designed an 8,000-dollar house for the poorest members of society. The designer Ahmed Humeid is working on plans to bring order to the traffic chaos of the Jordanian capital Amman. How and where will the world’s burgeoning population live in future? Minimalistically and collectively in tiny spaces, as the German architect Van Bo Le-Mentzel envisages it? Or maybe even on Mars? British star architect Sir Norman Foster has drawn up designs for a settlement there.

Segments on the history and philosophy of the Bauhaus provide context and background to some of today’s most pressing issues.
The series of documentaries

384902 001 The Code
What is the secret of the Bauhaus's success?

384902 002 The Effect
How were Bauhaus principles developed further?

384902 003 The Utopia
A good life for all?

Protagonists include:

Jennifer Goggans, Dancer, USA
Sir Norman Foster, Architect, UK
Mateo Kries, Vitra Design Museum, Germany
Tatiana Bilbao, Architect, Mexico
Yinka Ilori, Furniture Designer, UK
Claudia Perren, Bauhaus Dessau Foundation, Germany
Mio Tsuneyama, Architect, Japan
Martino Stierli, Curator for Architecture and Design at MoMA New York, USA
Sharon Golan-Yaron, Conservation Architect, Israel
Jan Gerner, Typographer, Germany
Annemarie Jaeggi, Bauhaus Archive Berlin, Germany
Amor Muñoz, Artist, Mexico
Christoph & Manuel Goller, Product Designers, Germany
Evamaria Rönnegård, IKEA, Sweden
Alexander von Vegesack, Art Collector, France
Kasia Kucharska, Fashion Designer, Germany
Gary Wozniak, Recovery Park Detroit, USA
Jürgen Mayer H., Architect, Germany
Ahmad Humeid, Designer, Jordan
Van Bo Le-Mentzel, Architect, Germany
These tutorials show viewers how to make all kinds of practical furniture simply, quickly and cheaply. The designs adhere to the fundamental tenets of the Bauhaus movement, which stipulate that they should be useful, aesthetically pleasing and affordable. Architect Van Bo Le-Mentzel explains which materials and tools are required and, by providing step-by-step instructions, makes the entire process accessible to even the most inexperienced DIY practitioners. All the pieces of furniture are inspired by iconic works from the Bauhaus, the most important German design school of the 20th century.

324907 001 **Study Desk**
Open design for a new society

324907 002 **Lounge Chair**
Just what people need

324907 003 **Table Lamp**
New light for new ideas

324907 004 **Wooden Stool**
Less is more

324907 005 **Basic Block**
Standardization and flexibility

324907 006 **Tube Shelf**
Industrial production
Bauhaus Clips

Bauhaus in 60 Seconds
One clip for each of the three Bauhaus films “The Code”, “The Effect” and “The Utopia” to answer the questions at the heart of the episodes.

The Spirit of Bauhaus
Meet three creative individuals who keep the spirit of the Bauhaus alive.

324908 001
What Is Bauhaus?
Bauhaus is composed of many different ideas and values. Harmony, innovation, functionality, creativity, freedom, intuition, community, accessibility and fairness – all this is what Bauhaus is about.

324908 002
Where Can We Find Bauhaus?
Even 100 years after the founding of the Bauhaus school, its effects can still be felt around the world in architecture, fashion, technology, art, dance, industry and typography.

324908 003
Why Care About Bauhaus?
How we utilize the spaces we live in has strong implications for our present and our future. Democracy, humanity, nature – all are under threat and smart design might be the only thing that can save us.

324908 004
Space to Develop: Norman Foster
The world-renowned architect dares to envisage the future. There’s so much space left to develop right here, to optimize our societies, adapt to imminent threats and better our lives.

324908 005
Follow Your Gut: Yinka Ilori
Always on the lookout for vintage furniture that he can up-cycle, Yinka Ilori transforms his find into a functional piece of art, inspired by the traditional Nigerian parables and African fabrics that surrounded him as child.

324908 006
Design = Bauhaus: Jan Gerner
When German graphic designer Jan Gerner traveled to Jordan, he developed the official “Amman font”. It represents both Arabic and Latin lettering equally well and adorns the capital’s many street signs, public vehicles and buildings.

The Bauhaus Philosophy
Our great minds of today find new solutions for tomorrow inspired by the ideas of the Bauhaus. Our shared desire for utopia is what propels innovation and inspires us to pull together.

324908 007
Driving Innovation: Saving Mayan Tradition

324908 008
Form and Function: IKEA

324908 009
A Better Life for All: Elevating the Favelas
Diving into Antiquity – Sunken Ships in the Aegean
On the bed of the Aegean Sea lie the wrecks of ships that in ancient times plied the dangerous waters between Greece and what is today Turkey. By undertaking highly risky dives down to these historic hulks, scientists are trying to find out more about everyday lives in Antiquity.
Documentary, 30 min., 2010, SD; Arabic, English, Spanish; LR

Persepolis – Vision of a World Empire
In the year 520 B.C., the Persian King Darius I started work on the construction of a new capital. Persepolis became one of the most magnificent cities of antiquity. Then in the year 330 B.C. it was destroyed by the army of Alexander the Great, King of Macedonia. Now an Iranian and a German architect have created a virtual reconstruction of Persepolis, using urban-planning software.
Documentary, 30 min., 2011, HD; Arabic, English, Spanish; LR

Naples Underground – The Catacombs of the Old City
The ancient city of Neapolis, founded by the Greeks, is located directly below the old town of Naples. The site can now be accessed via passageways discovered by the Italian cave explorer Enzo Albertini.
Documentary, 30 min., 2011, SD; Arabic, English, Spanish; LR

Subterranean Springs – The Mayans’ Secret Shrines
The Mayan Indians named them dzonot or sacred springs – the water holes in the karstic rock that ensured their survival during droughts on the Yucatan Peninsula in southeast Mexico. The individual cenotes are linked together by a shared groundwater system. The Mayans carried out sacrifices, both animal and human, at cenotes in honor of the rain god Chak.
Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR

The Romans’ Revenge – Battle at the Harzhorn
If the history books are to be believed, the Romans suffered a devastating defeat in Germania in 9 A.D. and never returned. Now evidence of a battle that took place between Germanic and Roman troops in the 3rd century A.D. has been unearthed in northern Germany. Did the Romans attempt a late campaign of retaliation?
Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR

The Glacial Mummy – A Stone Age Crime
Ötzi the Iceman, the world’s oldest preserved mummy, died 5,300 years ago. Discovered by accident in the early 1990s in a melting glacier between Austria and Italy, the body and equipment found with it have provided researchers with great insights into the life of Stone Age man. But the circumstances of his death make Ötzi’s story one of the world’s oldest crimes.
Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR

Unlocking the Past
Wherever people live, they leave traces behind them. Some of these are temporary, others survive the test of time. What we know about the history of humanity we owe to such traces: impressive buildings; magnificent works of art, music and literature; great achievements in the fields of science and technology – but also everyday objects, transit routes, the remains of settlements or ritual sites. All over the world, scientists are investigating the often hidden traces of past eras and cultures. They preserve the remains of the past for the future, and explore the wide range of human activity over many millennia.
The Amber Road – Ancient Trading Route for Magical Stones
In ancient times, amber from the Baltic Sea coastline was a highly-prized substance. The Romans used their extensive network of roads to ensure they gained access to the valuable resin. Numerous archeological finds illustrate this trading route between northern and southern Europe, which also provided the opportunity for cultural exchange.

Documentary, 30 min., 2013, SD; Arabic, English, Spanish; VoD, LR

Ice Age Masterpieces
Ice Age people were perhaps not as different from us as we might think, given the spectacular archeological finds made in a group of caves in southwest Germany. The ornaments, statuettes and musical instruments are among the world’s very oldest known works of art. They are testament to the skills, intelligence and creativity of people living 40,000 years ago.

Documentary, 30 min., 2017, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

Herakleion – Egypt’s Sunken Port City
Archeologists searched for a long time in vain for one of Egypt’s most important port cities, Herakleion on the Nile Delta, submerged in the 7th century. Then finally they made a sensational discovery: Six kilometers off today’s coastline, they found temples, colossal statues and gold jewelry on the site of the once magnificent ancient commercial hub.

Documentary, 30 min., 2013, HD; Arabic, English, Spanish; LR

The Thuringians – An Enigmatic Equestrian Tribe
In the 5th and 6th centuries, the West Germanic Thuringians were one of the most powerful tribes between the Rhine and the Danube. Not much is known about them. But during roadworks in central Germany one of their burial sites came to light. Among the dead were several horsemen. The burial objects provide a rare insight into the lives of people in the Thuringian Kingdom.

Documentary, 30 min., 2013, HD; Arabic, English, Spanish; LR

Tiwanaku – The Eternal City
For 2,500 years, Tiwanaku was at the heart of the Aymara culture on Lake Titicaca in Bolivia. The people who lived here demonstrated astonishing knowledge of architecture, agriculture and astronomy. In the 11th century, a devastating drought forced them to leave the city, which fell into decline. For a long time, it was not known what happened to the survivors of Tiwanaku.

Documentary, 30 min., 2013, HD; Arabic, English, Spanish; VoD, IFE, LR
**The Secret of the Spanish Ship**
Despite its name, the career of the “Triunfante” was far from glorious. In 1795, the Spanish battleship ran aground in the Bay of Roses on the northern Spanish Mediterranean coast and was abandoned. As they examined the wreck, archeologists discovered the man-of-war embodied innovations in shipbuilding technology they had read about but never seen before. So, after more than two centuries, it emerged triumphant after all.

*Documentary, 30 min., 2017, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR*

**Naqa – Uncovering an Advanced Civilization in Sudan**
Naqa was a settlement in the ancient Kingdom of Kush in what is today Sudan. Kushite temples and palaces are evidence of an advanced culture contemporaneous with the Ptolemaic Kingdom in Egypt and the Roman Empire. While the influence of the Egyptians, Romans and Greeks is evident, Kushite culture was distinctive. The archeologists using the latest technology to explore Naqa say the history of the ancient world will have to be rewritten in the wake of their findings.

*Documentary, 30 min., 2017, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR*

**Troy: The Truth behind the Myth**
As the legend would have it, the Greeks were only able to capture Troy because they lured the Trojans into a trap. Pretending to sail away after a long siege, the Greeks left behind a large wooden horse, which the Trojans dragged into their city as a trophy of war. A select group of Greek soldiers were hiding in its belly. Once they’d crept out, the soldiers opened the city gates allowing the Greek army access. It’s a fable familiar to many. But is there any truth in it?

*Documentary, 30 min., 2018, HD; Arabic, English, Russian, Spanish; VoD, M, IFE, LR*

**When Humans Began to Settle**
For a long time, human beings were nomadic hunters and gatherers. 12,000 years ago they started settling in one place, occupying themselves with farming and livestock breeding. This societal upheaval is known as the Neolithic Revolution, a period of radical change that impacts upon our lives to this day.

*Documentary, 30 min., 2018, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR*

**The Cultural Legacy of the Neolithic Age**
Structures erected by Stone Age man were buried over the course of the millennia. The elements have brought their remains to light. But what was the significance of these monumental stone complexes? How did people manage to construct them with the limited technical capabilities of the era?

*Documentary, 30 min., 2018, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR*

**The Djehuty Mystery: Exploring an Ancient Egyptian Cemetery**
Archeologist José Manuel Galán and his team have been researching the story of a man named Djehuty, an important and high-ranking ancient Egyptian official during the rule of the female pharoah Hatshepsut. Their excavations at the Dra Abu el-Naga necropolis near Luxor have yielded astonishing insights into life 3,500 years ago.

*Documentary, 30 min., 2018, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR*

**The Last Frozen Tombs on Earth**
The last frozen tombs on Earth are located in the Altai Mountains of Mongolia. The permafrost protects the secrets of the Eastern Scythians who lived here 3,500 years ago. But global warming could scotch archeological exploration and destroy the last remaining evidence of an ancient culture. Who were the Eastern Scythians and what did they leave behind?

*Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, M, IFE, LR*

**The Mystery of Ethiopia’s Megaliths**
Several thousand phallic stelae are distributed across a large area in southern Ethiopia. Some of them are up to eight meters tall and weigh several tonnes. The only thing researchers know for certain is that these monumental objects date from between the 10th and 13th centuries AD. But who made them and put them there? What purpose did they serve? Archeologists are carrying out excavations at several sites in southern Ethiopia in a bid to solve the mystery.

*Documentary, 30 min., 2021 HD; Arabic, English, Spanish; VoD, M, IFE, LR*
364763 036
The Treasure in a Celtic Tomb
An Iron Age Celtic prince was buried in Lavau in northern France two and a half thousand years ago. The discovery of his grave proved sensational because of the magnificent treasures buried with him. These included a chariot, gold jewelry and decorated banquet utensils. Some of the burial objects were of Greek and Etruscan origin, which means they must have been transported thousands of kilometers before being buried alongside the dead man. What do they tell us about the Celts’ power structures, trading relations and funerary rituals?
Documentary, 30 min., 2021 HD; Arabic, English, Spanish; VoD, M, IFE, LR

364763 037
Between Desert and Oasis: The Pre-Islamic Culture of Oman
The Rub‘ al Khali or “Empty Quarter” is the largest sand desert in the world. It’s hard to imagine humans ever settling in such an inhospitable place. But around five thousand years ago in today’s Oman, people lived in the desert’s few oases. Who were they? How did they adapt to the increasing aridity? The archeological excavation of a monumental tower in Salut tells us a great deal about their water management system. And finds from the Mudhmar temple complex show that water was also a key element in pre-Islamic ritual practices.
Documentary, 30 min., 2021 HD; Arabic, English, Spanish; VoD, M, IFE, LR

364763 038
Druids: The Celtic Priests of the Iron Age
The Druids were religious leaders and dignitaries who passed on their secret knowledge in purely oral form. This makes it difficult to study their beliefs and practices, allowing plenty of scope for myths about mistletoe, magic potions and human sacrifice. Archeologists began a thorough investigation of the Celtic priests’ status, roles and actions just a few years ago. Their insights challenge the portrayal of the Druids in popular culture as bearded wise men in white robes cutting down mistletoe with a golden sickle. Archeological finds in Europe paint a different picture and even suggest that Druids weren’t just men.
Documentary, 30 min., 2021 HD; Arabic, English, Spanish; VoD, M, IFE, LR

364763 039
Neanderthals – Our Distant Relatives
Neanderthals walked the Earth before homo sapiens, living on the vast ice-covered plains of the Eurasian continent. This archaic human subspecies withstood dramatic environmental flux for 300,000 years. The most recent archeological finds and paleontological studies show that Neanderthal populations survived because of their ability to adapt. How smart were the Neanderthals? Were they capable of structured thought? Did they have languages? How did they live, before eventually becoming extinct after intermingling with homo sapiens around 40,000 years ago?
Documentary, 30 min., 2021 HD; Arabic, English, Spanish; VoD, M, IFE, LR
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<td>globetrotting</td>
<td>564850</td>
<td>Documentary</td>
<td>13 x 30 min.</td>
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<td>Life's a Beach!</td>
<td>564820</td>
<td>Documentary</td>
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<td>By the River, by the Water</td>
<td>564787</td>
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<td>Exploring Germany</td>
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<td>Along the Rhine</td>
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European architecture stands out through an almost unparalleled pluralism of style. The striking buildings of the modern era are characterized sometimes by structural achievements or the innovative use of materials, sometimes by a special language of form. In view of such architectural variety, it is impossible to talk in terms of a pan-European style. Yet constants and popular stylistic devices can be identified. In postmodern architecture everything seems possible: from geometric cubes to organic domes, from neo-classical stylistic creations to futuristic constructions.

To a certain extent, the latest examples of postmodern European architecture pay homage to the old rule “form follows function”, which dominated all schools of architecture and design in the early 20th century.

We proudly present Euromaxx Architecture showcasing the most important and exciting and also the most controversial European buildings of the 20th and 21st centuries.

S A M P L E  E P I S O D E  3 0  M I N U T E  V E R S I O N

Libraries of the Future
Libraries don’t have to be stuffy, boring places. In Europe, more and more are becoming hubs for communication and culture. With impressive architecture to boot! For example, libraries in Bilbao, Stuttgart and Tilburg in the Netherlands.

Minimalistic Living: Le Cabanon
Le Cabanon, built as a holiday cottage in 1952, is a minimalist living module designed to meet the needs of the architect Le Corbusier. It’s seen as model for today’s tiny houses.

Alpine Architecture
Designing houses for the mountains involves special challenges. Werner Tschoß’s straightforward and modern houses seem to float or segue into the slopes.

The Gantry – London’s Creative East
The former broadcast center for the 2012 Summer Olympics in London has become a technology park called The Gantry. Its proprietors have a special concept enabling them to offer attractive, affordable office space.

A Night in an Ice Hotel
Every year, the original Swedish “Icehotel” has to be built again from fresh snow and ice. It’s the oldest hotel of its kind in the world. Guests have been coming here to spend a frosty night since 1989.

A City of Many Colors
The architecture of many cities is dominated by gray functional structures. Young photographer Paul Eis counters this dreary sight by coloring the buildings facades digitally in his images – with impressive results.
Euromaxx Design

Design is the process by which nearly all objects—from cars to paper clips, from clothing to chairs—acquire a certain form and function. But design involves more than just shaping and styling: good design is a complex process in which different and often contradictory requirements have to be met to ensure that objects function in the desired way. Design is only good when aesthetic, ergonomic and ecological aspects, durability, function and comfort harmonize and complement one another.

Euromaxx Design presents the most important and exciting creations on the European design scene. It portrays star designers, shows emerging trends and pays tribute to traditional design. The individual reports of our successful series Euromaxx Design introduce the latest creations from the automotive industry, from furniture designers, glassworks and material and jewelry studios and visit trade fairs, exhibitions and presentations.

SAMPLE EPISODE 1 | 30 MINUTE VERSION

**Almost Real: Balloon Birds**
Terry Cook’s work is a far cry from the kind of balloon animals you’re likely to see at a children’s birthday party. The Scottish artist photographs his balloon birds in nature, and they look as real as can be.

**Surreal Photo Compositions by Tessa Dóniga**
Tessa Dóniga made her name with her photo series “Break/Fast”, which takes the word ‘breakfast’ literally. The images portray everyday objects in surrealist contexts. Tessa Dóniga lives and works in Madrid.

**Furniture or Art?**
ONE stands for the prototype, ELEVEN stands for the limited edition. The Berlin design studio has garnered widespread acclaim and won top design awards.

**Catwalk to the Kitchen**
High-end restaurants ensure everything is tastefully coordinated, from the interior decoration to the table settings. Now, the overall look includes staff uniforms. An agency in Paris specializes in fashion for restaurant employees.

**Magical Machine Creations**
Pietro Proserpio, a retiree living in Portugal’s capital Lisbon, builds entire worlds with a little junk and lots of imagination—bringing them to life with complex technology. His machines have enchanted thousands.

Lyrical Glass Art by Simone
Simone Crestani’s works draw their inspiration mainly from nature. But he’s got his own, very personal style. His work is described as fragile elegance, balance and poetry. Every object is handmade.
Sample Episode 2 | 30 Minute Version

Upcycling: All-Natural Sustainable Luxury Design
Feathers, eggshells, tobacco leaves and seashells can be upcycled into luxury products. The London design studio “Nature Squared” uses resources that would otherwise usually end up in the rubbish bin.

Lost Places: Abandoned Houses in the Alps
Award-winning landscape photographer Stefan Hefele is drawn to ruins and deserted places. He wanders with his camera through the Alps in search of ruins, desolate villages and abandoned factories.

Miguel Chevalier’s Digital Supernova
Miguel Chevalier, a digital light art pioneer, lit up Rodez Cathedral in the south of France with his installation “Digital Supernova”. To create it, he worked closely with an astrophysicist and former NASA employee.

The Natural Art of Laura Ellen Bacon
Laura Ellen Bacon of England creates large-scale abstract sculptures using willow switches. Her works embrace building facades and walls and populate nature with willowy contours and shapes.

Insect Artist Cedric Laquieze from Amsterdam
Insect artist Cedric Laquieze recycles unusual materials to make enchanting fairy figures. His creatures are made of bug carcasses: butterfly wings and beetle husks. His sculptures bring the insects back to life.

Bosnian Furniture Company Zanat
The Bosnian furniture company Zanat from Konjic crafts hand-made furniture out of wood. The carving technique they use is more than 100 years old, and was added to UNESCO’s Intangible Cultural Heritage list in 2017.
Euromaxx on Vacation invites you to spend your vacation with us. Let us be your guide on a tour of the most beautiful destinations, glamorous locations and tranquil regions Europe has to offer. From Andorra to Zagreb – you will be enchanted by these diverse and fascinating places. Among the many exciting cities we explore are Copenhagen, Lisbon and Barcelona. We offer all kinds of information and insider tips about the places we visit. Euromaxx on Vacation is guaranteed to infect you with the travel bug.

**Wish You Were Here: 150 Years of Postcards**
The first postcard was sent in 1869. And the short greetings are still popular today. Even in the age of text messaging and WhatsApp, snail-mail cards are still keeping us up-to-date and spreading cheer.

**Davos Travel Tips from Meggin Leigh**
Reporter Meggin Leigh takes a whirlwind tour of the Swiss resort village Davos. Highlights include a visit to the Parsenn ski area and an evening chilling out in the icy Igloo Bar.

**A Berlin Monument With History**
The Brandenburg Gate is more than just another historic highlight in the German capital. It has become a symbol of how Germany was divided and is now reunited. And it’s the big photo opportunity in Berlin.

**The Tabernas Desert**
Andalusia in southern Spain is home to the Tabernas Desert. It’s the driest region in Europe and boasts a breathtaking natural landscape. And it’s long been a favorite backdrop for western films.

**Hiking for Beginners**
Hiking used to be considered a little dull. But times have changed. Now, an increasing number of people are interested in exploring the great outdoors. There are even mountain treks for total beginners.

**A Green Haven of Tranquility and Tolerance**
Famous German writer Johann Wolfgang von Goethe once sang the praises of the Garden Kingdom of Dessau-Wörlitz. Created in the 18th century, the park is now a UNESCO World Cultural Heritage site.

**What Romans Think of Rome**
The eternal city and its ancient monuments are a major tourist magnet. And the Romans’ pride in their city’s long history is often quite apparent. Many residents earn livings as city guides, restaurers or bar proprietors.
A Perfect Day on the Lido in Venice
The long sandy beaches on the Lido in Venice are loved by locals and tourists alike. Each year the island welcomes Hollywood stars who come for the Venice Film Festival.

Photographing Lavender in Provence
Fields of lavender in bloom are beautiful. Tourists flock to southern France to relish their colorful glory and fragrance. Tours are offered to those who want to take photographs of the loveliest spots.

Sleeping in a Store Front: Vienna’s Graetzl Hotel
If you delight in finding unusual accommodation, Vienna has just the thing for you. There, previous businesses have been transformed into hotel rooms. You could find yourself spending the night in a former tailor’s or cobbler’s shop.

Skijoring: Skiing Through Snow with Horses
If you like both skiing and horses, then Skijoring is made for you. In this unique winter sport, a person on skis is pulled by a horse.

Dive in History – Underwater Tourism as a Future Trend
Sightseeing under water is becoming increasingly popular. The new tourism concept is called Dive in history. Countries such as Italy and Greece are making their underwater archaeological treasures accessible to tourists.
Euromaxx à la Carte

564679
Magazine,
93 x 30 min.,
2006–2020, HD, SD;
English

40 x 30 min.,
Arabic, Russian

33 x 30 min.,
Spanish

5 x 30 min.,
German

WW, VoD, M, IFE

We travel around Europe to trace the manifold roots of European cuisine and to show how Europe’s culinary heritage is reworked and refined by the continent’s top chefs. They give us an insight into their skills as they turn regional specialties into gourmet delights. For Euromaxx à la Carte they demonstrate European gastronomy at its finest in their award-winning restaurants.

It’s all here – from new Scandinavian cuisine to hearty Bavarian dishes. For dessert, each program focuses on a special subject, such as the delicate craft of the chocolatier or top wines from France. Euromaxx à la Carte takes your taste buds on a European tour.

SAMPLE EPISODE 1 | 30 MINUTE VERSION

The Enduring Success of ‘Dinner in the Sky’

The gondola serving a gourmet dinner was first hoisted 50 meters above the ground in 2006. It’s served meals in 55 countries since then, to rave reviews. Now, it’s back in Belgium, where the idea first got off the ground.

Tasty Lamb Goulash Gheimeh Bademjan from Iran

Rice is the most important side dish to accompany Gheimeh Bademjan, a lamb goulash made with eggplant and yellow split peas. And no one cooks rice like an Iranian, says restaurant owner Saeed Sanatpour.

Wine From the Greek Mainland

Wine has been cultivated in Greece for over 4,000 years. Simple wines are traditionally served in taverns here, but now stylish wine bars are competing. And a new generation of vintners is taking over the market.

Revolutionary Cuisine: Mikkel Karstad

Mikkel Karstad is one of Denmark’s most unusual chefs. He says there’s no excuse for companies to provide their workers with bad canteen food – and he’s set out to change that.

A Dish to Cook at Home: Koshary from Cairo

Egypt’s national dish, Koshary, is a mixture of macaroni noodles, chickpeas and tomato sauce. It inspired the name of Michael Landeck’s Berlin delicatessen. The Koshary Lux serves original Egyptian dishes.
From the Forest to the Dinner
Roast pine cones, deep-fried lichens, mountain pine pesto: forest products are inspiring many chefs these days. Barbara Untermarzoner calls her creations “forest cuisine”. She collects her ingredients in the woods.

A Cookery Class for 1,000 Chefs
Too many cooks spoil the broth? Not in Marseille, where 1,000 amateur chefs took part in a cookery class to learn how to make a typical Provençal starter, with instructions from a master.

Speculoos: The Taste of Christmas
In Europe, speculoos, a spicy cookie with cinnamon and clove, is what makes Christmas complete. The “Maison Dandoy” bakery in Brussels has been keeping the tradition alive for nearly 200 years.

Portugal: Sustainable Gourmet Cuisine
Chef João Oliveira combines the distinctive cuisine of his native northern Portugal with Mediterranean specialties. That’s why he deliberately chooses varieties of fish that don’t usually feature on gourmet restaurant menus.

Tantan Ramen Soup from Japan
Ramen is not just any noodle soup. Ramen, the name for Japanese noodles made of wheat flour, salt and water, are made from scratch at Yosuke Sumida’s Cocolo Ramen restaurant in Germany’s capital Berlin.

Gourmet Cuisine for All
Anthony Sarpong opened his restaurant “Anthony’s Kitchen” in the town of Meerbusch, near Düsseldorf, in 2015. It’s since received a Michelin star. Now, Sarpong is sharing his favorite recipes in a book called “Anthony’s Kitchen”.
Euromaxx

Europe to the max – Euromaxx. The name says it all. Experience the richness and variety of Europe. Fascinating colorful reports bring alive the new Europe. See how people live across the continent, from Portugal to Ukraine, Finland to Italy.

Europe is always on the move. A source of new ideas and a motor for change. But Europe’s traditions are also flourishing and being updated for life in the 21st century. Europe’s values of tolerance and its diversity make it an exciting mix of cultures and temperaments. Arts and entertainment, fashion and glamour, design and architecture. Europe is all this and much more. And so is Euromaxx.

Vibrant and alive – Euromaxx gets up close to the action and captures the fast pace of modern Europe. Come and discover the Europe of today. Stay right up to date with the latest fashion and be the first to know about tomorrow’s trends. We’ll keep you informed about all the latest news from the worlds of fashion, food, travel, art and architecture to name but a few.

Euromaxx, unique clips packed full of Europe for your show reflecting the continent’s constantly changing cultural landscape. Euromaxx – Europe to the max!
Global Living Rooms

Our own four walls say a great deal about us, our history and our culture. Global Living Rooms allows us a glimpse into the homes of artists, farmers, managers, presidents and their families. People all over the world throw open their front doors and invite us to spend some time with them – whether it be in Thailand, Kyrgyzstan, Ethiopia or Belize. Please come in!

524864
Clips,
37 x 02–04 min.,
2016, SD;
English, German,
Spanish
WW, VoD, M, IFE

524864 001
Eric Massé – Mexico City, Mexico

524864 002
The Ramirez Family – La Técnica, Guatemala

524864 003
The Anthamatten Family – Saas-Fee, Switzerland

524864 004
The Bermejo-Sanchez Family – Agulo, Spain

524864 005
Lydia Jakimowna – Pesmog, Russia

524864 006
Jim Lowry – Dublin, Ireland

524864 007
Norbert and Elizabeth Wirsching – New York, US

524864 008
The Fredericks Family – Saint Lucia, Caribbean

524864 009
The Scheubner Family – Berlin, Germany

524864 010
Oxana – Kiev, Ukraine

524864 011
Korio and Naarkirobi – Seneto, Tanzania

524864 012
Dalpat Singh Naruka – Rajasthan, India

524864 013
Paddy – Liverpool, Great Britain

524864 014
Rumen Leonidov – Sofia, Bulgaria

524864 015
Laurie – Lincoln, US

524864 016
Valentina – Naryan-Mar, Russia

524864 017
Nguyen Tuan Bao – Hanoi, Vietnam

524864 018
Christina – Maputo, Mozambique

524864 019
Joy and George – Baylys Beach, New Zealand

524864 020
Clara de la Rosa – Sabana Mula, Dominican Republic

524864 021
Maramatscho Asisow – Khorog, Tajikistan

524864 022
Maria Candelaria Gabriel – San Juan Comalapa, Guatemala

524864 023
Ana Valerie Mandri – Tuxtla Gutiérrez, Mexico

524864 024
Arnold Cruickshank – St. George’s, Grenada

524864 025
Beth and Tom – Nashville, US

524864 026
Raphael Kariuki – Nairobi, Kenya

524864 027
Maria Campos – San José, Costa Rica

524864 028
Quy Van Nguyen – Hanoi, Vietnam

524864 029
Anjali Nambissan – New Delhi, India

524864 030
Edmilson Felix de Lima – São Paulo, Brazil

524864 031
Eri Katayama – Tokyo, Japan

524864 032
The Ojha family – Kathmandu, Nepal

524864 033
Nora Djemouni – Rabat, Morocco

524864 034
Gabriel Calaforra – Havana, Cuba

524864 035
Ivette Cob – Sarteneja, Belize

524864 036
Paulina Bibi – Taveuni, Fiji

524864 037
Gomati Devi Dohara – Belvadi, Nepal
Food can break down boundaries and connect people all over the globe. It also tells stories about the world's diverse cultures. An omnipresent phenomenon in our globalized world is fast food, or light bites on the go. When it comes to snacks, every region has its own specialties. The snack is a reliable barometer of a nation and its people.

Whether it's tapioca in Brazil, falafel in Lebanon, dal baati in India or maandazi in Kenya, ... whether it's a mobile cookshop, a hawker's tray or a hotdog stand: Global Snack guides the hungry through the maze of light-bite possibilities, wherever you happen to be.
524856 031
Mumbai, India – Pav Bhaji

524856 032
Tel Aviv, Israel – Sabikh

524856 033
Katmandu, Nepal – Bara

524856 034
Panama City, Panama – Patacónes

524856 035
Port Louis, Mauritius – Mie Noodles

524856 036
Buenos Aires, Argentina – Churrasco

524856 037
Cusco, Peru – Sopa de Moraya

524856 038
Vienna, Austria – Käsekrauner

524856 039
Porto Seguro, Brazil – Tapioca

524856 040
Mount Abu, India – Dal Baati

524856 041
Aberdare Range, Kenya – Maandazi

524856 042
Negros Oriental, the Philippines – Shakoy

524856 043
Bologna, Italy – Panzerotti

524856 044
Tel Aviv, Israel – Kzizot

524856 045
Gall, Sri Lanka – Dal Vada

524856 046
Niamey, Niger – Brochettes

524856 047
Boca de Camichín, Mexico – Oysters

524856 048
Sète, France – Tielle

524856 049
Copenhagen, Denmark – Hot Dogs

524856 050
Príncipe – Moqueca

524856 051
Stockholm, Sweden – Herring

524856 052
Tunis, Tunisia – Safha Toun

524856 053
Sarajevo, Bosnia – Burek

524856 054
Munich, Germany – Vegan Kebabs

524856 055
Belém, Brazil – Açaí with Fish

524856 056
Thessaloniki, Greece – Gyros

524856 057
Abidjan, Ivory Coast – Alloco

524856 058
Quang Binh, Vietnam – Banh Loc

524856 059
Berlin, Germany – Deluxe Fries
Sao Paulo, Brazil – Pao com Mortadella
Lake Skadar, Montenegro – Eel Risotto
Jaipur, India – Omelettes
Anguilla, Caribbean – Barbeque
Rufisque, Senegal – Sweet Beignets
Chetumal, Mexico – Tacos al Pastor
Cayo District, Belize – Grilled Meat with Rice
Santa Cruz, Tenerife – Pommes Frites
New Delhi, India – Parathas
Bosnia and Herzegovina – Cevap
Oxford, Britain – Fish and Chips
Sulaymaniyah, Iraq – Shiftna
Colombia – Arepas de Huevo
Uganda – Chapati
Hong Kong à la Carte
Hong Kong has to be the number one metropolis for dining out. Whether the food is steamed, simmered, fried or glazed, the chefs here don’t restrict themselves to traditional Chinese methods. Many Hong Kong restaurants are the scene of exciting experimentation, even with the most unusual ideas in modern molecular cuisine.
Documentary, 30 min., 2014, HD; English, Spanish; LR

Vienna, European Capital of Desserts
The art of pastry making holds a particular significance in Vienna. Even in the 16th century, the imperial court employed a master confectioner. To this day, visitors from all over the world come to the Austrian capital to enjoy its famous pastries and chocolates.
Documentary, 30 min., 2014, HD; English, Spanish; VoD, LR

Perfect Cuisine, Japanese Style
Japan is crazy about fish – and the fresher the better! Not only does it have to taste good, it has to be aesthetically presented on the plate. Japanese food is a marriage of two art forms: cooking and design, united in the desire for perfection.
Documentary, 30 min., 2014, HD; English, Spanish; LR

A Culinary Tour of Sicily
Sicily has been invaded and governed by numerous rulers over the centuries, each of them leaving their mark on the cuisine of the Italian island: The Greeks, Phoenicians, Arabs, Normans and not least the Spanish, who brought cocoa beans from South America. To this day, Sicilian chocolate is manufactured using ancient Aztec methods.
Documentary, 30 min., 2014, HD; English, Spanish; LR

Vietnam's Healthy Cuisine
The cuisine of Vietnam is delicious and very healthy. Highlights of the nation’s culinary palette include light rice paper rolls, noodle soups and seafood – served with all kinds of fresh herbs. Vietnam is also a paradise for fans of tropical fruit.
Documentary, 30 min., 2014, HD; English, Spanish; LR

Appetite for Tel Aviv
A culinary exploration of Tel Aviv yields a host of surprising taste sensations. People living in this vibrant Mediterranean metropolis are known for their high-spirited lifestyle, and the local cuisine is similarly exuberant, linking the flavors of East and West. Tel Aviv has the potential to become a major magnet for gourmets.
Documentary, 30 min., 2015, HD; English, Spanish; LR

What culinary surprises does the party metropolis Tel Aviv have up its sleeve? What’s special about the famous Singaporean chilli crab? To what does South Tyrolean cuisine owe its sophistication? Foodstuffs and dishes reveal a great deal about history, cultural influences and traditions in their respective region. The ingredients, presentation, aroma, taste and color of our foods are as diverse as the landscapes and climates of our world. Come with us on a culinary voyage of discovery. Bon appétit!
The Alsatian Gourmet Experience
Wherever you might be in the eastern French region of Alsace, you’ll never be far from haute cuisine. The finest goose pie, partridge in cognac sauce, desserts that melt in the mouth – many starred chefs are at work in Alsace, which borders Germany. As well as diners, the region also attracts those keen to look over the shoulder of one of these masters and learn some of the secrets of their trade.

Documentary, 30 min., 2015, SD; English, Spanish; LR

Pizza – The Global Fast Food Hit
The first big waves of migrants from southern Italy reached the US in the 19th century. The Neapolitans arrived with the recipe for their national dish – pizza. It wasn’t long before the new dish had captivated the taste buds of the New World. Today, it’s not just a case of the Americanized version returning to Europe and competing with the original Italian fare. Pizza is also the most popular fast food in the world.

Documentary, 30 min., 2017, HD; English, Russian, Spanish; VoD, IFE, LR

Barbecue – Meat Cooked to Perfection
It was invented by the French, perfected by the Americans and introduced to the rest of the world – the barbecue. But we’re not talking about a few sausages and burgers out in the garden. A real barbecue involves cooking the meat for hours in the hot smoke of a wooden fire, then serving it with a variety of sauces to suit all tastes. Barbecue fever has now spread to the inhabitants of other continents. Like the typical oven, known as a smoker, the strictly regulated barbecue competitions from the US are also catching on.

Documentary, 30 min., 2017, HD; English, Russian, Spanish; VoD, IFE, LR
Centuries ago, Buddhist monks in China allowed soya milk to curdle, and named the resulting “cheese” tofu. The Japanese continued to develop it into its present soft form. Soya products are intrinsic to Asian cuisine. Tofu, miso soup and soya sauce are now regarded as key components of a healthy diet all over the world. And beyond the borders of Asia too, tofu is increasingly being regarded as a foodstuff in its own right, rather than just a substitute for meat.

Documentary, 30 min., 2017, HD; English, Russian, Spanish; VoD, IFE, LR

Spaghetti, tortellini, ravioli – a success story initiated by the Arabs. The idea of drying pasta products was theirs, and they brought it to Italy during the Middle Ages. This meant that pasta was no longer just for the domestic kitchen. It became an industrial product that could be preserved and transported, in a variety of forms to appeal to all tastes. From that point on, the success of pasta knew no bounds.

Documentary, 30 min., 2017, HD; English, Russian, Spanish; VoD, IFE, LR

The humble sausage handmade by Viennese butchers is steeped in legend, anecdotes and a multitude of questions. Why do the Viennese call the wiener a frankfurter? How did it evolve into today’s hot dog? And what do an emperor, a countess and even a pope have to do with the sausage from Vienna? Although the wiener is a common snack food pretty much everywhere these days, its story is far from over. As the old German saying goes: “Everything has an end – only the sausage has two.”

Documentary, 30 min., 2017, HD; English, Russian, Spanish; VoD, LR
From street food at the Raohe Night Market to gourmet cuisine: eating in the Taiwanese capital Taipei offers a wide variety of experiences. The city's food reflects the many different cultures that have influenced Taiwan over the centuries. Few other cities in Asia offer such a concentration of delicious dishes to be sampled in one location.

Two reporters guide us through Taipei's diverse restaurant landscape. DW correspondent Tsou Tzung-Han was born in Taiwan and knows pretty much everything about the country's culinary history and specialties. Lifestyle presenter Meggin Leigh discovers the nation and its food together with her host. Together they explore the kitchens of Taipei and describe the history of Taiwanese cuisine: what's on the table, why does it taste so good and how did it get here in the first place?

Tzung-Han Tsou is absolutely certain: "Nowhere else does one eat as well as here."
Animal Encounters

Can there be such a thing as a spiritual affinity between animals and humans? The men and women in our Animal Encounters would probably say yes. They have all felt a profound connection with certain animals, a relationship that has stayed with them ever since their first meeting. The devotion with which they commit to the welfare of their protégés, the trust that these animals demonstrate and the wordless form of understanding between them are often an enigma to outsiders.

564825 002
Masters of the Eagle
Among the nomadic Kazakhs of Mongolia, the berkutchi are a respected group of men who hunt with golden eagles. The skills needed to train the birds are passed down from one generation to the next. Aralbay and his female eagle have been hunting together for many years. He removed it as a chick from its nest and tamed it.
Documentary, 30 min., 2014, SD; Arabic, English, Spanish; VoD, IFE, LR

564825 003
At the Elephant Orphanage
In Kenya, keepers at the David Sheldrick Wildlife Trust lovingly raise baby elephants, most of whom were orphaned when poachers killed their mothers. For all of those concerned, this is more than just a job. The men bottle feed the babies every three hours and are there when traumatised calves are plagued by nightmares.
Documentary, 30 min., 2014, HD; Arabic, English, Spanish; LR

564825 004
Film Stars in Fur and Feathers
Animal trainer Christoph Kappel has an eye for a movie star, and instantly knows whether an animal will make the grade. He employs gentle methods to groom and coach his furry and feathered protégés for the big screen. Once on the set, Christoph Kappel shields his animal stars from stress with calmness and serenity.
Documentary, 30 min., 2014, SD; Arabic, English, Spanish; LR

564825 006
Searching for Sky the Bear
The Swiss-Canadian bear researcher Reno Sommerhalder released five young grizzlies into the wild in Kamchatka, Russia. Years later, he returns to find out what has become of his favorite female, Sky. Has she survived in the wilderness?
Documentary, 30 min., 2014, SD; Arabic, English, Spanish; LR
There is a species of kangaroo in Australia that lives in trees. Tree-kangaroos are nimble climbers, but occasionally one may fall or lose its young as it jumps from branch to branch. Jeffrey and Dorothy are tree-kangaroos who were found abandoned as babies. Their prospects for survival were dim, until they found a human foster mother in Margit Cianelli.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; LR

Eight-year-old Berta from Peru is a member of the Q’ero ethnic group. It is traditional within this community for children to adopt a newborn alpaca, as a way of teaching them early about the meaning of responsibility. The first few weeks of their partnership present Berta and her little alpaca with huge challenges, which lay the foundations for a life-long bond.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; LR

Kermode bears, also known as spirit bears, are extremely rare. Related to the more common black bear but with a striking white coat, the spirit bear is revered for its special powers by indigenous people in western Canada. Clover is an orphaned spirit bear who was raised by zookeeper Angelika Langen with lots of tender loving care. Once he was grown, she released him, to try to ensure the survival of the species in the wild.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; LR
564825 012
My Animal Protégé
At Schönbrunn Zoo in Austria – the oldest zoo in the world – 70 keepers tend to the needs of around 8,000 animals. Many dedicate their entire lives to the care of their protégés. They watch as their animals are born and grow up, grow old and die. Sometimes they are even witness to the extinction of a species.
Documentary, 30 min., 2015, HD; Arabic, English, Spanish; VoD, LR

564825 013
The Girl and the Elephants
Sixteen-year-old Chandani has an ardent wish: She wants to follow in her father’s footsteps and become a mahout, or elephant rider. But in her homeland Sri Lanka, this is a job exclusively for men. Nonetheless, Chandani’s father decides to give her a chance, and puts her in charge of the elephant calf Kandula.
Documentary, 30 min., 2015, HD; Arabic, English, Spanish; VoD, IFE, LR

564825 014
Conserving India’s Wildlife
In India’s Kaziranga National Park, wildlife populations are under threat from poaching and disease. Efforts to protect them need the backing of the local population, but elephants and rhinos cause damage to farmland, and people are afraid of tigers and leopards. Phulmoni Gogoi and her husband Prasanta Boro run an animal clinic where they fight for the lives of every single patient, as well as educate people about the creatures themselves.
Documentary, 30 min., 2018, HD; Arabic, English, Russian, Spanish; VoD, LR

564825 015
For Love of the Leopard-Spotted Horse
The Knabstrupper is a Danish breed of horse with an unusual leopard-spotted coat. 350 years ago, the stallions were considered as precious as gold and favored by royalty. Today, the breed is threatened with extinction. Heinz Hackmann is devoted to their conservation.
Documentary, 30 min., 2018, HD; Arabic, English, Russian, Spanish; VoD, IFE

564825 016
Too Slow for This World – Sloths in Costa Rica
Sloths are just that - slothful in everything they do. They are becoming misfits in their own world in Costa Rica as forests are razed, construction encroaches, and cars speed by along broad highways. Encar Garcia and Sandro Alviani have created a little refuge for these languorous animals.
Documentary, 30 min., 2018, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

564825 017
Immo the Hunter and Harry the Stag
Harry is a red stag and a foundling. The professional hunter and forest educator Immo Ortlepp is raising him. Immo wants to train Harry to be a tracking stag. A tracking animal leaves traces in the forest that are used to train hunting dogs. But first, Immo has to win the wild creature's trust.
Documentary, 30 min., 2018, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

564825 018
Jenny and her Flying Foxes
The fruit bats of northeastern Australia are dropping like flies. Fruit farmers used to cull the voracious creatures, but nowadays a mysterious illness causes them to fall out of the trees in large numbers and die a painful death. Jenny Maclean has turned her home into a fruit bat clinic.
Documentary, 30 min., 2018, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

564825 019
Lotta Learns to Swim
Dirk and Rosi Fussbahn are rearing Lotta by hand. Their children, and even their dogs, love the orphaned baby otter and do their bit to help. But young otters are afraid of water and need to be coaxed into swimming. That is now Dirk's job.
Documentary, 30 min., 2018, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR
Faith Matters

Faith provides many people with a framework for life and a moral code. This series offers insights into matters of faith, with reports on contemporary Catholic and Protestant communities around the world. The main focus is on the purpose of existence, Christian values and social responsibility, as well as contributions Christians make to society, culture and the arts. Faith Matters portrays the everyday life of Christians; it reports on the latest events in the Christian community and on the work of churches in Germany and worldwide.

564675 100
Saving the Amazon – Brother Ludwig’s Fight for Forests
The Amazon River’s water level has dropped 12 meters. Brother Ludwig is relieved that the rains haven’t started yet and that he can still visit the fishing families on dry land. Although they have been living on a tributary of the Amazon for three decades, these families are going to be displaced by an enormous harbor project. The people here don’t officially own the land, so they are being evicted. Brother Ludwig and his colleagues are fighting on their behalf so that they might at least receive some compensation.

564675 101
One Step at a Time – Prosthetics for the Poor in Albania
Albania is one of the poorest countries in Europe. What little medical care is available remains unaffordable for many people. German orthopedic technician Daniel Müller works for the Christian charity Emergency Care Albania. In Pogradec, close to the border with Macedonia, he is the only one who can provide patients with prosthetic replacements for limbs they have lost.

564675 102
The Archbishop: A German Clergywoman in Sweden
October 31, 2016, saw a special event in the Swedish city of Malmö. The Protestant and Catholic churches jointly celebrated the 500th anniversary of the Reformation. Pope Francis was in attendance, and his host was the head of the Church of Sweden, Archbishop Antje Jackelén.

564675 103
Cologne Cathedral: A Work in Progress
Cologne Cathedral is one of the most popular tourist attractions in Germany – and one of the largest structures of its kind in the world. It took six centuries to build, but the cathedral has never really been completed. Restoration and reconstruction work is constantly underway – at a number of workshops nearby.

564675 104
Germany’s Growing Coptic Church
Bishop Anba Damian may be the head of the Coptic Church in Germany, but he is remarkably down-to-earth. Despite the many challenges of his job, he still finds time for a game of football. His seat is in a former Cistercian monastery in the town of Höxter.

564675 105
Brother Severin and the Lost Music of the Chiquitanos
When Severin Parzinger graduated from high school in 2010, he volunteered for a year of community service with the Divine Word Missionaries in Bolivia. An enthusiastic musician, Parzinger took an audio recorder with him and started notating the music of the native Chiquitanos. Now he has become a Divine Word missionary himself and has returned to Bolivia to continue his work.
564675 106
500 Years After Luther – Reformation on the Road
Seventeen meters long and weighing 33 tons, a "storymobile" is travelling around Europe to mark the 500th anniversary of the Protestant Reformation. Project leader Johannes Göring and his crew of 15 volunteers will work with local Protestant communities to revive the spirit of the Reformation – a major task at a time when church attendance is down across Europe.

564675 107
Pilgrims' Progress – Soldiers at Lourdes
Lourdes in southwest France is one of the most popular pilgrimage destinations in the world. In May each year, thousands of military personnel from almost 50 countries flock to this Marian shrine. The pilgrims in uniform pray and sing – but they also find time to relax and make friends.

564675 108
In the Spirit of Luther – The Francke Foundations
Some 300 years ago, the Lutheran pastor August Hermann Francke founded a charity school in Halle-on-the-Saale, about 200 kilometers southwest of Berlin. Today that foundation is an impressive complex of institutions – a veritable town within a town, providing accommodation and employment for more than 4,000 people.

564675 109
Inter-confessional Churches in Germany – Divided and yet United
Today there are about 60 inter-confessional churches in Germany, i.e., churches shared by Catholics and Protestants. In most cases, the "marriage of convenience" has evolved into a genuine sense of community – places where the future of ecumenism is practiced.

564675 110
Lutheran Archbishop in Russia – An Immense Challenge
Most Russian Lutherans are ethnic Germans. Although services are now conducted in Russian, the "Our Father" is still prayed in the language of Luther. The Evangelical-Lutheran Church of Russia has some 40,000 members and is headed by 34-year-old Dietrich Brauer, the youngest archbishop in the Lutheran World Federation.

564675 111
Luther’s Legacy in Namibia – Evangelization and Genocide
As the Lutheran World Federation celebrates 500 years of Protestantism, Namibians remember a grim chapter of their history. Missionaries set sail for the future German colony of South West Africa in 1840, fired with the ideals of the Reformation. But their message of humble service prepared the way for economic exploitation – and a conflict that ended in genocide.

564675 112
No Heaven Without Hell
The internationally acclaimed Berlin Radio Choir has joined forces with American theater director and visual artist Robert Wilson for a production that marries Martin Luther's writings and translations with the music of Johann Sebastian Bach. Wilson's theater of images evokes both anxiety and hope in a timeless statement that places Luther among the great thinkers of history.

564675 113
Women in the Driving Seat – Revolution at the Vatican
When Pope Francis appointed Barbara Jatta director of the Vatican Museums in 2016, it caused a sensation. Some even described it as a mini-revolution. But Barbara Jatta is not the only woman to hold an influential position at the Vatican. Are we seeing the end of male domination in the Catholic Church?

564675 114
A Dynamic School – "Bold – Protestant – Tolerant"
The Evangelische Schule Berlin Zentrum is renowned for its innovative approach to learning. Pupils take lessons in such unusual subjects as 'responsibility' and 'challenge'. The aim is to help students become engaged and independent-minded citizens committed to shaping the society they live in. The school welcomes students from a wide range of backgrounds.
The Moravians of Suriname
The Moravian Church is one of the oldest Protestant denominations. Since the 18th century it has been sending missionaries to many parts of the world. The church is especially strong in the former Dutch colony of Suriname on the northern coast of South America. The Moravian community there has organized the 2018 World Day of Prayer, a global ecumenical movement led by Christian women.

The Secret of the Cross
Since its very beginning, the paradox of the cross has disturbed and even offended people. The cross unites two irreconcilable opposites: a deeply cruel death and divinity. It refers to the life, death and resurrection of Jesus Christ. It is at once bleak and a symbol of hope. For 2,000 years, the cross has been the symbol of Christianity. And its message is a deeply moving mystery.

The Monks' Legacy – On Reichenau Island
A thousand years ago, the Benedictine abbey on the island of Reichenau was a center of scholarship. The monks created some of the finest illuminated manuscripts ever produced. But in the early 19th century, the religious community was expelled. In spite of secularization, the islanders struggled to preserve the monks’ legacy and today Reichenau is a UNESCO World Heritage Site.

Mediaeval Beauty – The World of Uta of Naumburg
Finally declared a UNESCO World Heritage Site, Naumburg Cathedral is one of Germany’s finest churches – significant not only for its architectural splendor but because it contains a portrait of one of the great beauties of the Middle Ages: Margravine Uta von Ballenstedt. The statue was carved by a mediaeval stone sculptor who, in spite of his fame, is known to history only as the Naumburg Master.

goRome! The International Pilgrimage of Altar Servers
“Mega, awesome, cool!” That was twelve-year-old Linus’s comment. He is one of 60,000 Catholic altar servers from across the world who made the pilgrimage to Rome this year to see the pope. With the Eternal City sweltering in temperatures around 40 degrees Celsius this summer it wasn’t always “cool.” But nothing could stop these kids.

Coffee – The Good, the Bad, Fair Trade
More than even beer, coffee is the most popular drink in Germany. Every German drinks about 300 liters of it a year. Many of them try to square enjoyment with a clear conscience by buying fair trade coffee. It costs more than normal coffee but the “Fairtrade” seal means that farmers in Africa or Latin America receive a greater share of sale proceeds than they would from normal coffee companies.

Theologian, Archaeologist, Maverick – Dieter Vieweger
Dieter Vieweger is a Lutheran theologian and an archaeologist. He has been Director-General of the German Protestant Institute of Archaeology in Jerusalem since 2005. With his infectious enthusiasm for unravelling the past, Professor Vieweger succeeds in fascinating young and old with his exploration of the Holy Land’s 5000-year-old history.

Death is Part of Life – A Lutheran’s Quest for Meaning
The Lutheran pastor Nikolaus Schneider held the highest office in the Evangelical Church in Germany, but his life has often been clouded by death. Aged 22, his daughter, Meike, died of leukemia. He preached at the memorial service for the victims of the crowd disaster at the 2010 Love Parade in Duisburg. Then his wife was diagnosed with cancer.
‘Sign of Solidarity’ – A Hospital Ship on the Amazon
The Papa Francisco is the best-equipped hospital ship in Brazil’s Amazon Region. She was launched in August 2019. Her mission is to serve more than 1,000 isolated communities along the world’s longest river – villages where there is no hospital and no doctor.

Silent is the Grave – The Changing Landscape of German Cemeteries
Burial sites in all cultures speak loudly of the prevailing values and beliefs of the societies that design them. Germany’s cemetery culture is unique. But it is currently changing. Many Germans are no longer choosing the time-honored cemetery for their final resting place; more and more people are seeking alternatives to the traditional family grave.

Helping People Help Themselves – 50 Years of Kolping International
It started half a century ago with a campaign to provide vocational training for young Brazilians. Today the Catholic social services association Kolping International is a worldwide network with some 400,000 members in more than 60 countries.

The Female Peacemakers – 50 Years of “Religions for Peace”
Religions for Peace (RfP) is an association of people representing members of diverse religions in more than 100 countries. This independent organization is committed to mediating in religious conflicts worldwide. RfP will be fifty-years-old in 2020. The endeavors of these women is only now receiving international recognition.

Rabbi Schudrich’s Miracle – Jewish Life in Poland
Jewish culture festivals, kosher restaurants, Klezmer bands and Jewish schools. This is Poland today – a country that had been crushed by Nazi Germany; its Jewish population almost entirely exterminated in Auschwitz-Birkenau and lesser-known German concentration camps. The revival of Jewish life here is little short of a miracle.

NoonSong – Concert and Church Service in Berlin
NoonSong has been called “thirty minutes of heaven.” A choral concert, but also a church service. Thirty minutes of sacred music. Each NoonSong is unique. Every Saturday, it features beautiful a cappella singing selected from centuries of Christian music. The choral ensemble ‘sirventes berlin’, which includes some of Berlin’s finest professional singers, performs at these events.

Building a Church – Catholics in Cuba
Twenty years ago, Pope John Paul II visited Cuba. He was the very first pontiff to do so in the island’s history and his visit marked a thaw in the Communist regime’s relations with the Vatican. In the optimism those days ushered in, the small Catholic parish in Guiteras, a suburb of Havana, planned to build a church. But it never got off the drawing board. Not until Pope Francis re-ignited the community’s hopes and aspirations when he visited in 2015.

The Miracle of Flores – The World’s Largest Seminary
The churches of Europe are pretty empty generally. But in Indonesia, with its mainly Muslim population, Christian seminaries are overwhelmed with applicants. On a hill in the middle of the jungle on the island of Flores lies the world’s largest seminary. More than 1000 students study at Ledalero, and at least 600 of them are candidates for the priesthood.

Provost in Jerusalem – A Lutheran in the Holy Land
Emissary, pastor and director: Life in the Holy Land is a life full of tension for Wolfgang Schmidt – invigorating, but also exhausting. A life full of tension – that’s how Wolfgang Schmidt, the Provost in Jerusalem, describes his ministry in the Holy Land.
Oberammergau Passion Play – The Plague and Covid-19
The history of the Oberammergau Passion Play reaches back to the seventeenth century, when a plague known as the Black Death swept through Europe. In 1633 the residents of this Bavarian village vowed to present a play depicting the suffering and death of Jesus Christ every ten years if they were spared extinction. Oberammergau has kept its word for more than 400 years. But in the end, the village that the plague made famous had to bow to the corona pandemic. Bowed but not broken, the villagers are determined to fulfil their vow and stage the Oberammergau Passion Play in 2022.

Religious Resistance – Christians Against Far-Right Vigilantes
A vigilante group calling itself “First Class Crew – Steele Boys” takes over the streets of Steele each week, a suburb of Essen in western Germany. Sometimes the vigilantes are twenty-strong; other times as many as one hundred. Most of them are Rockers or Rowdies, and their presence strikes fear into the hearts of law-abiding residents. Steele is not even a dangerous area; the crime rate has been dropping steadily over the past ten years. But now these so-called militias have also started threatening anybody opposed to them – on the Internet and in public. For they are being met with courageous opposition from a counter-group calling itself “Steele Stays Mixed.” Residents, churches, clubs, political parties and unions have united to protest either in silent marches or with singing against the far-right.

The Cup and the Covenant – Wine and Catholicism
Wine has been part of civilization for more than six thousand years. On religious holidays and on the Sabbath Jews pronounce a blessing over cups of wine. For the ancient Greeks and Romans wine also had symbolic significance; it was poured out in libations to the gods. The Book of Genesis names Noah as the first winegrower. After rescuing humans and animals during the Great Flood he is said to have planted the first vines on Earth. The parables that Jesus of Nazareth told are full of references to vineyards, grapevines and wine. The Catholic Mass, a religious commemoration of Jesus’ death and resurrection, is based on his actions during the Last Supper, when the savior is said to have taken wine, blessed it, and given the cup to his disciples saying, “Take this all of you and drink from it. This is the cup of my blood, the blood of the new and everlasting covenant . . .” In this report we take a look at the cultural and spiritual significance of wine in the Catholic tradition.
Repaying the Desert – An Unusual Environmental Project
In their quest to get close to nature two German women have made two fourteen-day tours into the Sahara. It was a great experience, but at what cost to the environment? They were troubled afterward by the damage caused by flying from Germany and driving through the desert. Now they want to repay the Sahara. Together with 15 other desert enthusiasts they are planting a palm grove in Morocco.

Different, Amen – Evangelical Youtube Stars
Stefanie and Ellen Radtke are the Youtube stars of Germany’s Lutheran Church. The two female pastors from Eime, in the state of Lower Saxony, are a same-sex couple. With their Youtube channel “Anders Amen,” which roughly translates as “Different, amen,” they’ve always been controversial ministers. Their aim is to reconcile LGBTQ people and the church.

Eco-Friendly Monks – Plankstetten’s Green Abbey
Running a monastery these days includes having good business sense. Plankstetten Abbey, in Bavaria, has a community of only twelve brothers, but the monastery is thriving. St Benedict’s motto was “Pray and Work.” Between prayers, these Benedictine monks run a highly successful organic farm.

Open to Everybody
The Catholic Church of St Theodor and St Elisabeth in the western German city Cologne is located in a district known as a social flashpoint. The parish priest, Father Franz Meurer, views building community as his top priority. Not just in the Church but in daily life. He has established a second-hand clothing store, a furniture and bicycle warehouse and a food bank – all open to everybody.

The Artist Who Saves Churches
The artist Moritz Götze grew up in East Germany, in an atheistic environment. However, shortly after the collapse of communism in 1989 he helped turn a church ruin into a cultural center and conserved what was left of the historic building.

New Life in Old Walls – Village Churches Bearing Witness to History
Anyone driving through eastern Germany may be surprised by the number of old churches east of the River Elbe. Almost every small village has one. Many of them are fieldstone churches built more than 800 years ago.
Black people have been living in Germany for around 400 years, and today there are an estimated one million Germans with dark skin. But they still get asked, "Where are you from?" Jana Pareigis is all too familiar with this often latently racist question. When she was a child, the Afro-German TV presenter also thought her skin color was a disadvantage. "When I was young, I wanted to be white", she says. Pareigis takes us on a trip through Germany from its colonial past up to the present day, visiting other dark-skinned Germans to talk about their experiences. They include rapper Samy Deluxe, pro footballer Gerald Asamoah and Theodor Michael, who lived as a black man in the Third Reich. They talk about what it’s like to be black in Germany – and what needs to change.
Facets of Life

Facets of Life documentaries and reports cover culture and education, business and science, historical and contemporary events as well as sports and leisure. A wide variety of issues are investigated in depth and presented in an informative format, making for 45 minutes of captivating television.

584798 001
In Search of a Lost Childhood – The Cruel Fate of Bruno Schulz
For a short time around the turn of the millennium, everyone in Europe was talking about the Jewish Polish painter and writer Bruno Schulz. A German documentary film maker had discovered frescoes that Schulz had been ordered to paint for an SS officer in a villa in Drohobycz, in what is now Ukraine. A short time later, representatives of Yad Vashem removed parts of the pictures and took them to Israel where they are now on display. But what do we really know about Bruno Schulz? He was born in Drohobycz in 1892 and shot there by a Nazi officer in 1942. He created images and stories often set in a fantastical, fairytale realm. He could so easily have been forgotten, but now his literary oeuvre has been translated into 30 languages, a successful Polish group is named after him, and in the town of his birth, artists from all over the world gather to perform his work.

Documentary, 45 min., 2012, SD; Arabic, English, German, Spanish; WW, VoD, M, IFE

584798 002
Traces of the Past – German-Jewish Cultural Heritage Worldwide
300,000 German Jews fled their home country during the Nazi era and were forced to rebuild their lives in exile. Their Jewish-European culture gradually blended with that of their adoptive home. “We tried to assimilate the best bits of everything,” says the physicist Ernst Wolfgang Hamburger, who lives in Sao Paulo. Some refugees returned to Germany and brought with them aspects of their host countries, such as Berlin resident Sonja Mühlberger, who spent her childhood in the Chinese city of Shanghai. Donna and Brian Swarthout from the US have come to live in Germany, the land of their ancestors, and to become German citizens.

Documentary, 45 min., 2013, HD; Arabic, English, German, Spanish; WW, VoD, M, IFE

584798 003
Get Lucky – Young, Skilled, Enterprising
Marta Pérez has a dream. A young trained nurse from Vigo, she wants to start working in her chosen profession at last. IT expert Dimo Urumov from Plovdiv also spent ages looking for a job in his home country, as did actress Mara Vlachaki from Athens and Paulo Rodrigues, an engineer from Lisbon. Like many other academics and skilled workers from Southern and Eastern Europe, they have few prospects of finding work in their home countries. As a result, hundreds of thousands have come to Germany, where employment stands at record levels but demand for skilled workers is increasing at the same time. Our documentary follows the four from Spain, Bulgaria, Greece and Portugal as they move to Germany and watches them take their first steps in their new lives. Will their hopes and expectations be fulfilled? Will they find their fortune?

Documentary, 45 min., 2014, HD; Arabic, English, German, Spanish; WW, VoD, M, IFE

584798 004
A Ray of Light – The Lebanon Project
Every summer, young people from Europe volunteer at a summer camp in the Lebanese mountains, where they help disabled people enjoy an unforgettable if brief holiday. The disabled people involved in the Lebanon Project spend the rest of the year in institutions, often in poor conditions.

Documentary, 45 min., 2015, SD; Arabic, English, German, Spanish; WW, VoD, M, IFE
584798 005
\textbf{A Special Relationship – Germans in Israel. Israelis in Germany}

26-year-old Shahak Shapira lives in Germany – even though he has experienced anti-Semitic hostility first-hand, and despite the fact that members of his family were killed in the Holocaust. Moreover, his grandfather died in the Munich massacre, the terrorist attack on the 1972 Olympic Games. Israeli singer Rilli Willow has also settled in Germany. Her great-aunt died in Auschwitz but Rilli married a German and now lives in Berlin. German chef Tom Franz converted to Judaism, has an Israeli wife and lives in Tel Aviv. German writer Sarah Stricker also lives and works in Israel. They are four examples of a new generation of Israelis and Germans who have stepped out of the shadow of the past to prove it’s possible to live together in peace and friendship.

\textit{Documentary, 45 min., 2015, HD; Arabic, English, German, Spanish; WW, VoD, M, IFE}

584798 006
\textbf{90 Minutes for Israel and Germany – Football between Tel Aviv and Berlin}

These days Bayern Munich and its various world cup-winning German stars even have fans in Tel Aviv. And when Israeli international Almog Cohen, who now plays for Ingolstadt, steps on the pitch at his former club Nuremberg his German fans wave Star of David flags. Meanwhile, Michael Nees is helping to build the future of Israeli soccer as coach of the country’s under-21 team and as technical director of the Israel Football Association. When West Germany and Israel established diplomatic relations 50 years ago, all this would have been unthinkable. Football continues to play a significant role in normalizing ties between the two countries. What is it like to be a Jewish player in Germany? And how does a German coach in Israel cope with the burden of German history and the Middle East conflict?

\textit{Documentary, 45 min., 2015, HD; Arabic, English, German, Spanish; WW, VoD, M, IFE}

584798 007
\textbf{Generation 25 – Children of German Reunification}

25 years after German reunification, we take a look at the generation born in the years 1989 and 1990, a watershed period in German history. Carefully selected portraits show young men and women who have not experienced their nation divided, or the Cold War. They talk about identity, success, career, love, family and life in the digital world. The key focus of the program is how it was to grow up in a country that was fusing itself back together, and their own individual view of Germany.

\textit{Documentary, 45 min., 2015, HD; Arabic, English, German, Spanish; WW, VoD, M, IFE}
Cities are more than just a concentration of houses and people. Great cities have a very special appeal – not just for their residents, but also for visitors from all over the world. It is a joy to explore their beautiful buildings and public spaces, museums, galleries, shops and restaurants. Cities are also places where people go to realize their dreams, to live and to work. A Window on ... takes a look at some of the most fascinating cities in the world – as seen through the eyes of people fortunate enough to live in them.

564805 005
Los Angeles
California Dreamin’: City of dreams and dreamers on the US Pacific coast
Documentary, 30 min., 2013, HD; Arabic, English, Spanish; LR

564805 009
Asmara
Eritrea’s fascinating capital: African lifestyle and European architecture
Documentary, 30 min., 2013, SD; Arabic, English, Spanish; LR

564805 011
Edinburgh
Charming and idiosyncratic: The Scottish capital
Documentary, 30 min., 2013, SD; Arabic, English, Spanish; LR

564805 012
Prague
The Czech Republic’s “Golden City” on the Vltava River: Rich in culture and history
Documentary, 30 min., 2013, SD; Arabic, English, Spanish; VoD, IFE, LR

564805 014
New York
Manhattan and the beaches of Long Island: America’s glittering metropolis
Documentary, 30 min., 2016, HD; Arabic, English, Spanish; VoD, IFE, LR

564805 015
Rome
The “Eternal City”: Modern life amid ancient walls
Documentary, 30 min., 2016, HD; Arabic, English, Spanish; LR

564805 016
Bangkok
Thailand’s exuberant capital: The hub of Southeast Asia
Documentary, 30 min., 2016, HD; Arabic, English, Spanish; VoD, IFE, LR

564805 017
Saint-Louis
The cultural heart of Senegal: “The Venice of Africa”
Documentary, 30 min., 2016, HD; Arabic, English, Spanish; VoD, IFE, LR

564805 018
Istanbul
The city that straddles two continents: Turkey’s pearl on the Bosphorus
Documentary, 30 min., 2016, HD; Arabic, English, Spanish; LR

564805 019
Hamburg
Germany’s largest port: Gateway to the world
Documentary, 30 min., 2016, HD; Arabic, English, Spanish; VoD, IFE, LR
Melbourne
Australia's cult metropolis: Cosmopolitan and creative
Documentary, 30 min., 2016, HD; Arabic, English, Spanish;
VoD, IFE, LR

Marseille
The oldest city in France: Mediterranean beauty
Documentary, 30 min., 2016, HD; Arabic, English, Spanish;
VoD, IFE, LR

Hong Kong
China's global city: Tolerant, freedom-loving and defiantly modern
Documentary, 30 min., 2016, HD; Arabic, English, Spanish;
VoD, IFE, LR

Dakar
The dynamic capital of Senegal: transport and trade hub for West Africa
Documentary, 30 min., 2019, HD; Arabic, English, Spanish;
VoD, IFE, LR

Copenhagen
From fishing village to metropolis with vision: the green future of the Danish capital
Documentary, 30 min., 2019, HD; Arabic, English, Spanish;
VoD, IFE, LR

Havana
Among crumbling mansions and fashionable stores: Cuba's capital on the path to a new era
Documentary, 30 min., 2019, HD; Arabic, English, Spanish;
VoD, LR

Barcelona
Proud Catalan metropolis on the Mediterranean: symbiosis of culture and beach life
Documentary, 30 min., 2019, HD; Arabic, English, Spanish;
VoD, IFE, LR

Zurich
Vivacious, international and rich: Switzerland's largest city in the heart of Europe
Documentary, 30 min., 2019, HD; Arabic, English, Spanish;
VoD, IFE, LR

Shanghai
Luxury, smog and skyscrapers: China's art and business metropolis
Documentary, 30 min., 2019, HD; Arabic, English, Spanish;
VoD, IFE, LR

Isfahan
Ancient city of kings in the heart of Iran: Between tradition and individualism
Documentary, 30 min., 2020, HD; Arabic, English, Spanish;
VoD, IFE, LR

Amsterdam
Life on the canals: Bridges, locks and gabled houses in the Dutch capital
Documentary, 30 min., 2020, HD; Arabic, English, Spanish;
VoD, IFE, LR
**PLACES**

564805 031
**London**
Arts capital, financial hub, home of the Queen: Britain's vibrant metropolis
*Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, LR*

564805 032
**Tel Aviv**
Israel’s “Hill of Spring”: International, liberal and full of joie de vivre
*Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, IFE, LR*

564805 033
**Paris**
Beautiful, magical, grand and cozy: A trip through old neighborhoods of the French capital
*Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, LR*

564805 034
**Vancouver**
Between mountains and the sea: Canada’s metropolis for nature-loving urbanites
*Documentary, 30 min., 2020, HD; Arabic, English, Spanish; VoD, IFE, LR*
564805 035
**Singapore**
Hypermodern, multicultural and a great place to live: southeast Asia’s green city-state
**Documentary, 30 min., 2021**, 4K; Arabic, English, Spanish; VoD, M, IFE, LR

564805 036
**Venice**
Italy’s legendary lagoon city on the Adriatic: life with and on the water
**Documentary, 30 min., 2021**, HD; Arabic, English, Spanish; VoD, M, IFE, LR

564805 037
**Sarajevo**
Mosques, churches and synagogues: Bosnia and Herzegovina’s diverse capital
**Documentary, 30 min., 2021**, HD; Arabic, English, Spanish; VoD, M, IFE, LR

564805 038
**Porto**
Bright facades and artistic ceramics: Portugal’s colorful trade hub and port city on the Atlantic
**Documentary, 30 min., 2021**, HD; Arabic, English, Spanish; VoD, M, IFE, LR

564805 039
**Ljubljana**
The cultural and economic heart of Slovenia: Youthful, laid-back and creative
**Documentary, 30 min., 2021**, HD; Arabic, English, Spanish; VoD, M, IFE, LR

564805 040
**Algiers**
From palaces to steep alleyways: Algeria’s enigmatic capital
**Documentary, 30 min., 2021**, HD; Arabic, English, Spanish; VoD, M, IFE, LR
Railway Stories

Railways have always linked places and people. A train journey is a very special way to get acquainted with a country and its inhabitants. Our Railway Stories are set on legendary routes and lesser-known lines, in old rolling stock, luxury carriages and high-speed trains. The stories present people for whom the railway can be many things: an employer, a means of transport or a tourist attraction. The routes lead through landscapes of spectacular beauty and rich in history all over the world.

564872 001
Along the St. Lawrence Seaway: With the Ocean Train Through Canada
A train journey in Canada is a very special experience: the legendary Ocean Train operates the breathtakingly beautiful route between Montreal and Halifax on the Atlantic coast. Long sections of the 1,200-kilometer trip run alongside the mighty Saint Lawrence River and places of great significance in Canadian history.
Documentary, 30 min., 2017, HD; Arabic, English, Portuguese, Spanish; LR

564872 002
On the Adventurers' Trail: With the Gem Express Through Brazil
Glittering precious stones, adventurers in search of the big find, a Samba queen and Ouro Preto, the gold diggers' town with its Baroque center - all this awaits travelers on the Brazilian Gem Express from Belo Horizonte to the port city of Vitória north of Rio de Janeiro.
Documentary, 30 min., 2017, HD; Arabic, English, Portuguese, Spanish; VoD, IFE, LR

564872 003
A Magical Train Journey: On the West Highland Line Through Scotland
Railway enthusiasts agree that the West Highland Line is one of the most stunning routes the world has to offer. The train snakes its way from Glasgow through the Scottish Highlands to the sea. It traverses spectacular countryside along the way: high moorlands, bleak mountains, deep-blue lochs and craggy coastlines.
Documentary, 30 min., 2017, HD; Arabic, English, Portuguese, Spanish; VoD, IFE, LR

564872 004
A Historic Route: With the Mandalay-Lashio Express Through Myanmar
The Mandalay-Lashio Express connects the humid lowlands with the hilly highlands. The route is more than a century old. Every day, many monks, traders, travelers and smugglers use the historic train service from the metropolis of Mandalay to the northeast of Myanmar.
Documentary, 30 min., 2017, HD; Arabic, English, Portuguese, Spanish; LR

564872 005
A Cruise on Railway Tracks: With the Shongololo Express Through Southern Africa
Shongololo is the Zulu word for a long brown millipede, and it has become the name of a train route. The Shongololo Express travels through South Africa, Zimbabwe, Mozambique and Swaziland. It also has minibuses onboard for excursions to places including the Etosha National Park and the Namib Desert.
Documentary, 30 min., 2017, HD; Arabic, English, Portuguese, Spanish; LR
A Trip to Icy Climes: With the Polar Express Through Siberia

The Yamal Peninsula in Siberia extends far into the Arctic Ocean. It is home to a small community of nomads and their reindeer. The Yamal Polar Express was only inaugurated in 2011. The railroad is owned by the Russian energy concern Gazprom, which uses the route to transport material and workers to the Bovanenkovo natural gas field.

Documentary, 30 min., 2017, HD; Arabic, English, Portuguese, Spanish; VoD, IFE, LR

Andean Train Adventure: With the Tren Crucero Through Ecuador

One of South America's most spectacular train routes runs between Guayaquil on the Pacific Ocean and the Ecuadorian capital Quito. The luxury Tren Crucero has just 54 seats and is the only train that travels the entire 450-kilometer route. A highlight of the trip is the Nariz del Diablo or Devil's Nose, a massive wall of rock. The Tren Crucero navigates the valley by making a series of zigzags and hair-raising horseshoe bends.

Documentary, 30 min., 2017, HD; Arabic, English, Portuguese, Spanish; LR

From the Past to the Present: Time Travel Through South Korea

A railway trip through South Korea takes in a culture that's thousands of years old. It also serves as a reminder of the painful history of this divided nation. The capital Seoul, destroyed in the Korean War, is now a vibrant metropolis. The railway station was built during Japanese colonial rule. With the high-speed Korea Train eXpress, South Korea is showing its modern face to the world.

Documentary, 30 min., 2017, HD; Arabic, English, Portuguese, Spanish; VoD, LR

The Rhythm of Africa: On the Central Railway Line Through Cameroon

This journey on the Central Railway Line leads from Douala, Cameroon's biggest city, to the capital Yaoundé. With a bit of luck, travellers will get to hear some makossa, a home-grown kind of funky dance music. Musicians often play on trains, thereby bringing makossa to every corner of the land.

Documentary, 30 min., 2017, HD; Arabic, English, Portuguese, Spanish; VoD, IFE, LR

Luxury on the Tracks: On the Deccan Odyssey Through Southern India

A journey on the Deccan Odyssey, a palace on wheels, lasts seven days and covers 1,800 kilometers. Starting in Mumbai, the cobalt-blue luxury train travels through the Indian states of Maharashtra and Goa. The route takes well-heeled passengers off the beaten track, past sleepy railway stations and through magnificent countryside.

Documentary, 30 min., 2017, HD; Arabic, English, Portuguese, Spanish; VoD, IFE, LR

On the Trail of Explorers and Gold diggers: A Trip to the Wilds of Alaska

In Alaska, the wilderness begins where the city ends. Most tourists set out to explore the northernmost US state from Anchorage, its only major city. A trip on the Alaska Railroad is a particular highlight. Visitors can experience the unspoiled landscapes from the comfort of the viewing car.

Documentary, 30 min., 2017, HD; Arabic, English, Portuguese, Spanish; VoD, IFE, LR

The Magic of Asia: On a Historic Route Through Sri Lanka

This voyage of discovery leads from the capital Colombo up to Ella in the highlands. The train snakes its way upwards through huge tea plantations. At an elevation of almost 1,900 meters is a place known as Little England, Nuwara Eliya, the highest town in Sri Lanka. A horse-racing track and a golf club are relics of the British colonial era.

Documentary, 30 min., 2017, HD; Arabic, English, Portuguese, Spanish; VoD, IFE, LR

A View of the Panama Canal: A Train Journey from the Pacific to the Atlantic

The Panama Canal is definitely more famous than Panama's railway network. This despite the fact that long before the ships came, trains traversed the country from the Pacific to the Atlantic. Now, people are rediscovering the merits of the railways. It's a cheap way to transport goods, and passenger trains afford a unique view of the Canal.

Documentary, 30 min., 2017, HD; Arabic, English, Portuguese, Spanish; VoD, IFE, LR
On Island Time

Islands often figure in our dreams and fantasies. We are drawn to the idea of white sandy beaches and clear blue water, remoteness and tranquility. Real islands can be tiny coral reefs or huge expanses of land, nation states with large cities and millions of inhabitants; they can be located in tropical climes or in the icy waters of the Arctic. Many secluded islands have developed their own distinctive flora and fauna.

As for their human inhabitants, there is often talk of an island mentality. Many islanders are closely bound up with the ocean, are involved in maritime trade or fishing, and maintain local traditions. We tell of South Sea islands, natural paradises, islands of fire and ice as well as the lives of island dwellers.

564834 001
Hainan – China's Tropical Paradise
With its palm-fringed white sand beaches, Hainan is China’s tropical holiday paradise. In the past, the island in the South China Sea was a place of exile for disgraced state officials. But today it’s visited by around 13 million holidaymakers a year – virtually all of them Chinese.
Documentary, 30 min., 2014, HD; Arabic, English, Spanish; VoD, IFE, LR

564834 002
Usedom – Germany’s Sunshine Island in the Baltic
Usedom, off the German-Polish Baltic coast, is Germany’s sunniest island. Already more than 100 years ago emperors, royalty and aristocrats spent their holidays here. Usedom is best known for its three ‘imperial spa towns’ – Ahlbeck, Bansin and Heringsdorf. They boast magnificent 19th century villas. The beach promenade extends for a total of 12 kilometers, from the German imperial spa towns to the Polish town of Świnoujście – part of the island has been Polish since 1945.
Documentary, 30 min., 2014, HD; Arabic, English, Spanish; VoD, IFE, LR

564834 003
Cape Verde – Creole Culture off the West Coast of Africa
Green mountains, bare rocks and long beaches: Cape Verde is a beautiful island world in the middle of the Atlantic. The fifteen islands, nine of them inhabited, are located off the coast of West Africa.
Documentary, 30 min., 2014, HD; Arabic, English, Spanish; VoD, IFE, LR

564834 004
Elba, Montecristo and Gorgona – Italy’s Tuscan Islands
Tuscany is considered one of Italy’s most beautiful regions. The islands just off its coasts are just as diverse and picturesque as the mainland region itself. They combine many of the region’s attractive features in a small space. Mountains, rocky coastlines and sandy beaches make the main island, Elba, seem like a small continent and yet it’s only thirty kilometers long. The islands of the Tuscan Archipelago have been a popular holiday destination since the 1960s.
Documentary, 30 min., 2014, HD; Arabic, English, Spanish; VoD, LR

564834 005
Saint Lucia – Caribbean Zest for Life Under the British Crown
There are better-known Caribbean islands, but there are few that could compete with the beauty of Saint Lucia. The island measures a mere six hundred and sixteen square kilometers, but it is brimming with a lavish tropical flora and fauna and Creole joie de vivre. Saint Lucia has an eventful colonial history: the island changed hands between the British and the French fourteen times. Today it is a member of the British Commonwealth.
Documentary, 30 min., 2014, HD; Arabic, English, Spanish; VoD, IFE, LR
Dalmatia's Island Garden – Off the Coast of Croatia
Croatia has one of Europe's most beautiful and wild coastlines, with more than twelve hundred offshore islands. Some are several hundred square kilometers in size. Others are tiny and uninhabited. The Adriatic is a paradise for sailors, while the islands themselves have picturesque landscapes and are home to many historic towns and fishing villages.

Documentary, 30 min., 2014, HD; Arabic, English, Spanish; VoD, LR

Big Island – Hawaii and the Ring of Fire
Hawaii is the 50th federal state of the USA. Lying in the middle of the Pacific, the islands are a world of their own. With about 10,000 square kilometers of surface Big Island is by far the biggest island of Hawaii. With the variety of its sceneries, at the same time it shows an oddity: The island represents almost all of the earth's climate zones. Two of the five volcanoes on Big Island are active till this day: Mauna Loa and Kilauea.

Documentary, 30 min., 2014, HD; Arabic, English, Spanish; VoD, IFE, LR

Capri, Ischia and Procida – In Italy's Gulf of Naples
The three islands in the Gulf of Naples – Capri, Ischia, and Procida – could scarcely be more different. Capri is a popular destination for day tourists who come to see the famous Blue Grotto or hope to get a glimpse on the "celebrity island" of some famous face from the silver screen. Procida is the smallest of the three islands in the Gulf of Naples and to a certain extent can still be regarded as a secret tip.

Documentary, 30 min., 2014, HD; Arabic, English, Spanish; VoD, LR

Lofoten and Iceland – Islands in the Arctic Ocean
Lofoten, a Norwegian archipelago, is located in the far north of Europe. The sea, fishing and the tides set the rhythm of the people's lives here. In the winter, when the islands are covered in snow and battered by strong winds, it's the peak season. Between January and April, large schools of cod pass through the archipelago's coastal waters.

Documentary, 30 min., 2014, HD; Arabic, English, Spanish; VoD, IFE, LR
The Canaries – Spain’s Volcanic Archipelago
With their subtropical climate and year-round bathing temperatures, the Canary Islands have been attracting large numbers of tourists for over half a century. Today, nine million foreign visitors come to the archipelago every year. Ever since it became known that the Canaries also have a lot to offer mountain bikers, hikers, and divers, more and more young people have been coming to the islands. With turtles and numerous species of ray and shark, as well as vast numbers of fish, marine diversity around the islands makes them a diver’s paradise.

Documentary, 30 min., 2014, HD; Arabic, English, Spanish; VoD, LR

Rodrigues – In the Shadow of Mauritius
The small island of Rodrigues in the Indian Ocean is surrounded by the bottle-green water of a gigantic lagoon that’s rich in fish. Time seems to have stood still here. Because unlike the neighbouring islands of Mauritius and La Réunion, Rodrigues has no mass tourism. Travellers can only get to the island via a small airport on flights from Mauritius or via a ferry that docks in Port Mathurin three times a month.

Documentary, 30 min., 2014, HD; Arabic, English, Spanish; LR

Mallorca and Menorca – Spanish Mediterranean Sisters
The Spanish Mediterranean islands of Mallorca and Menorca are popular with northern and central Europeans looking for beach holidays. Accessible after just a short flight, the islands offer lots of sand and a pleasant beach climate. That’s why tourism here has developed since the 1960s to become the most important economic factor, and it’s brought prosperity to the islands. But off the beaten track of mass tourism and all-inclusive deals, both Mallorca and Menorca have held on to their original character – in remote and lonely mountain regions, in medieval towns in the interior, at village fetes and most recently in a few places along the coast where old traditions are being rediscovered.

Documentary, 30 min., 2014, HD; Arabic, English, Spanish; VoD, LR

The Maldives – Island Realm in the Indian Ocean
White sand, extensive coral reefs, and water as warm as a bath – for many travelers from all over the world, the Maldives are the epitome of a romantic beach holiday. Comprised of over a thousand islands, the archipelago was only discovered as a tourist destination some forty years ago. Since then, the tourism sector has grown at a tremendous pace, and is now the country’s main source of income.

Documentary, 30 min., 2014, HD; Arabic, English, Spanish; LR
Distant lands, unfamiliar cultures, different customs: globetrotting tours some of the world’s most diverse destinations. From well-trodden tourist routes to remote and isolated regions, to big cities and to unspoiled nature. Always in search of exceptional people and their stories, extraordinary sights and pristine natural beauty.

564850  001
The 1,000 Colors of Brazil
Brazil is a country that feels like a continent. There are ancient forests and vineyards, fabulous beaches and savannahs, untouched nature and megacities with both favelas and elegant suburbs. Its people are united by a common language and a love of music and cultural diversity. We travel to big cities and to wilder corners of this immense country.
Documentary, 30 min., 2015, HD; Arabic, English, Spanish; LR

564850  002
A Highway Through the Heart of Australia
Married couple Rick and Vicky Foote are truckers, and it’s a lifestyle they adore. Every week, they travel along the Stuart Highway through the sparsely populated regions of central Australia from south to north and back again. Places of spectacular natural beauty await them en route, as well as encounters with rakish types and fortune-seekers.
Documentary, 30 min., 2015, HD; Arabic, English, Spanish; LR

564850  003
Dagestan – The Unknown Caucasus Republic
Dagestan is a republic of Russia, though it looks and feels nothing like Moscow or St. Petersburg. This region of the Caucasus Mountains has been settled for millennia. The Romans were there, as well as the Persians, Arabs and Mongols. Dagestan is home to dozens of ethnic groups speaking many different languages and dialects.
Documentary, 30 min., 2015, HD; Arabic, English, Spanish; VoD, IFE, LR

564850  004
Iceland – Nation of Fire and Ice
In Iceland, the forces of nature put on a spectacular show: massive glaciers, powerful waterfalls, seething volcanoes. Mother Nature may appear unwelcoming to humans here, but the Icelanders have come to a beneficial arrangement with her. They extract salt from the sea, bake bread in the hot earth and use the hot springs to heat their greenhouses.
Documentary, 30 min., 2015, HD; Arabic, English, Spanish; LR

564850  005
The Young South Africa
South Africa is often called the Rainbow Nation, because it is home to people of all different skin colors. This coexistence is not always easy, and of course South Africa has a painful history of colonialism, exploitation and racism. We meet young South Africans who are proud of their country and want to leave the past behind and look to the future with optimism.
Documentary, 30 min., 2015, HD; Arabic, English, Spanish; LR
French Lifestyle in the Canadian Province of Quebec
The Canadian province of Quebec was a French colony for a century and a half. The legacy of that era is still evident today: in the language, food and drink of the region. Quebec is also an area of great natural beauty, with many forests, lakes and rivers. The majestic St. Lawrence River is the province's lifeline, and its gateway to the world.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; VoD, IFE, LR

The Rich Culture of Bangladesh
The inhabitants of Bangladesh refer to their nation fondly as “Sonar Bangla”, which means “Golden Bengal”. The majority-Muslim country is home to many Islamic cultural and architectural gems, but also witnesses to its Hindu and Buddhist past. Signs that times are changing can be found everywhere – but perhaps most evidently in the capital Dhaka.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; VoD, LR

Jordan – A Pearl of Sand and Stone
Jordan is a fascinating nation that elegantly upholds both traditional and modern lifestyles. In contrast to the fast pace of life in the booming capital Amman and the flourishing tourist resort of Aqaba on the Red Sea, many Bedouins still lead a traditional way of life in the country’s mountains and desert. Jordan is also home to one of the world’s most magnificent treasures: Petra, the ancient city of the Nabataeans, carved out of the rock.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; LR

New Zealand – Dream Destination in the Pacific
Few travel destinations can rival New Zealand for its beauty and diversity. It has everything from icy glaciers to bubbling volcanoes and lush rainforests. And the people have a reputation for being friendly and welcoming. New Zealand also boasts the steepest street in the world, Baldwin Street in the city of Dunedin – with a gradient of 35 percent.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; LR
Uruguay – Nation on the Silver River
Uruguay is the second smallest nation in South America and is very sparsely populated. Away from the bustling capital Montevideo, people lead their lives with a disarming serenity. The herds of horses and beef cattle on the pampas form the basis of the country’s economic prosperity.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; LR

Bhutan – Kingdom in the Himalayas
Bhutan was almost completely isolated from the rest of the world until the 1960s. But the kingdom between India and China is slowly opening up and emerging as an increasingly popular travel destination. A visit to Bhutan feels like stepping back in time: few places in the world can boast such pristine landscapes and traditional ways of life.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; VoD, IFE, LR
Life’s a Beach!
The World’s Finest Seaside Towns

These are some of the world’s most famous places, their names inextricably associated with a yearning for the sea, sand and sunshine. People have been drawn to these locations on the shores of the world’s oceans for generations. Initially, well-heeled visitors came for the health benefits and to stroll along the promenade. But nowadays, people come to coastal resorts for other reasons – many of them of a sporting nature. Places that began life as simple fishing villages have now become prime real estate with grand villas, exclusive restaurants and chic hotels. But despite the rapid pace of development, much of the old charm still remains.

**564820 001**
**Biarritz – French Sophistication and Sporting Style**
Biarritz is undoubtedly stylish and sophisticated, but it also has a wild side. The luxury hotels and pretty villas lining the clifftops overlook the tempestuous waters of the Atlantic Ocean. French Emperor Napoleon III spent his honeymoon here. These days Biarritz is more relaxed and mellow: it has become a paradise for surfers.

**564820 002**
**Hua Hin – Preferred Destination of Thai Kings**
Hua Hin is Thailand’s oldest seaside resort. The royal family came here to escape the heat of Bangkok in the 1920s, injecting Hua Hin with international flair. The town now hosts a well-known jazz festival every year in June. Local people who used to earn their living fishing or farming now run hotels and restaurants.

**564820 003**
**Usedom – Welcome Escape from the German Capital**
Its proximity to the German capital earned Usedom the nickname "Berlin’s Bathtub”. For more than 100 years, holidaymakers have been drawn to the island’s long sandy beaches. While restored villas and quirky wicker beach chairs are a feature of the resorts on the German side of the Baltic island, beaches on the Polish side are the domain of kite surfers.

**564820 004**
**Forte dei Marmi – Bathing Culture and Italian Dolce Vita**
For generations, Italian aristocrats, tycoons and intellectuals have flocked to Forte dei Marmi in Tuscany. The waterfront is lined with bagni, private beach clubs or bathing establishments complete with bar and changing cubicles, sunloungers and parasols. The atmosphere is relaxed, and guests often remain loyal to “their” bagno throughout their lives.

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Sochi – The Russians’ Number One Spa
Sochi is a Black Sea resort many Russians dream of visiting. It has everything: Sun, palm trees and invitingly warm sea water. Sochi enjoys a long tradition as a health spa resort offering a range of treatments and massage; its beaches are always full during the high season.

Documentary, 30 min., 2013, HD; Arabic, English, Spanish; VoD, IFE, LR

Western Cape – South Africa’s Natural Paradise
Surfers and adventurers have always been drawn to the coastline of South Africa’s Western Cape province, a region characterized by rough winds and rugged landscapes. It all began in Muizenberg, a fishing village discovered by wealthy residents of Cape Town in the late 19th century. Many of their villas and brightly-colored beach huts remain to this day.

Documentary, 30 min., 2013, HD; Arabic, English, Spanish; LR

Essaouira – Morocco’s Windy City
Essaouira is a relaxed, cosmopolitan place with an exotic flair – and cool winds the year round. The port city used to be associated with the hippy era, having played host in the 1960s to the likes of Jimi Hendrix, Bob Marley and the Rolling Stones. These days, people are attracted by the sandy beaches and the great surf.

Documentary, 30 min., 2014, HD; Arabic, English, Spanish; LR
Rivers define the landscape and the lives of those who live along their banks. They supply water, food and construction materials and make the land fertile. Rivers transport people and goods and are the source of many myths and legends. They are places of recreation and the habitat for countless animal and plant species. All over the world, the quantity and the quality of river water are decisive in determining the quality of life. On our journeys along the rivers of the world, we meet people who live with the water and depend on it for their livelihood and we provide insights into cultures and habitats.
The Mekong – China’s Wild River
In China, the Mekong is called Lancang Jiang, or ‘Wild River’. In the north, its torrents have cut deep valleys; an old tea-trading route runs along its banks. Hundreds of kilometers further downstream, the Wild River has been tamed by dams. In the subtropical rainforest to the south, the river provides a habitat for China’s last wild elephant population, numerous species of monkey and even the odd tiger.

The Thames – Pride of England
For many English people, the Thames is much more than just a river – it is a national treasure. It is just 346 kilometers long, but passes through a wide variety of landscapes and is steeped in history and tradition. We follow that route across England, through the London docks, to the once elegant resorts where the Thames flows into the North Sea.

The Ayeyarwady – Myanmar Revealed
Myanmar is only just beginning to admit foreign visitors. A cruise on the Ayeyarwady River affords a first impression of the country’s great treasures. From the golden Buddha statues and temples of the old city of Mandalay, to the 2,200 pagodas and temples of the old royal city of Bagan, Myanmar is starting to reveal its secrets to the world.

The Saint Lawrence – Canada’s Gateway to the World
The Saint Lawrence River links key industrial centers of Canada and the United States with world markets. Huge deep-sea tankers are guided past rapids and sandbanks. Its estuary is the largest in the world. Its waters are home to whales and seals, its banks are a blaze of color in the fall.

The Ganges – India’s Holy River
The Ganges is more than just a river, it is also a deity. Hindus believe its waters have the power to cleanse a person of all sins. At the same time, it is one of the world’s most contaminated rivers, in part because of the booming economy. The Ganges is the face of India, a symbol of both, tradition and modernity.

The Oder River – A Beautiful Boundary in Europe
Isolated beaches, romantic villages and meadows line the Oder. For a long time the river was a symbol of the division of Europe. But what used to be a no man’s land between Germany and Poland is now a haven for rare animals and plants.
Exploring Germany

Germany is one of the world's top travel destinations. It boasts not only outstanding natural beauty, but also a huge variety of historic sights and places of interest. The “nation of poets and thinkers” is also the homeland of inventors and composers, explorers and monarchs who have left their mark on German culture. Retrace their steps and you’ll see many magnificent buildings and learn a great deal about the history of Europe along the way. Germany’s most recent history is represented by, for example, the remains of the Berlin Wall, a symbol of the East-West divide. Away from major cities such as Munich or Berlin, special vacation routes guide visitors to interesting and beautiful places across the country.

564842 001
Berlin – A Constantly Changing Capital
To this day, the character of the German capital is still defined by the Berlin Wall, which divided the city into East and West. Berlin is one of the most captivating cities in the world, and not just because of its fascinating history. It has long been regarded as a multi-cultural, creative metropolis with lots of green space and a night life unrivalled for its diversity and exuberance.

564842 002
Time Travel – Retracing the Footsteps of Famous Germans
We visit some key locations in the lives of influential Germans. We go to Berlin to see sites associated with the explorer Alexander von Humboldt, including the Museum of Natural History. Then it is on to Bavaria, where King Ludwig II built magnificent fairytale castles. We also follow in the footsteps of the composer Richard Wagner, the church reformer Martin Luther and the folklorists, the Brothers Grimm.

564842 003
Munich – Bavarian Metropolis with Tradition
Munich’s contemporary role may be to host big names in the technology and automobile sectors, but the city can also look back on a long and vibrant history. The kings of Bavaria put their stamp on their capital with many imposing buildings and institutions, including world-renowned museums. Munich is also famous for its annual Oktoberfest or beer festival, which is now the largest public festival in the world.

564842 004
Experiencing History – German Division, German Unity
For a taste of communist East Germany and the peaceful revolution that brought it to an end in 1990, one should visit Leipzig, where the revolution began with a series of mass demonstrations, and of course Berlin. The eastern part was the capital of the GDR, the western part enclosed by the Berlin Wall. A visit to Eisenhüttenstadt is also fascinating: it was planned as a model socialist city. The once fortified inner-German border has since been replaced with peaceful nature reserves.

564842 005
Tourist Trails – Following Popular Themed Routes
Germany has more than 150 special vacation routes. It’s a good way to gain a more profound understanding of a particular subject or region. The Castle Road, for example, runs past magnificent palaces and castles, some dating back to the Middle Ages. This edition also features the German Wine Route, the Coal, Steam and Light industrial trail, the European Route of Brick Gothic Architecture, and the German Alpine Road.

564842 006
Wintertime – Snowscapes, Winter Sports and Christmas
Winter holidaymakers flock to the many ski resorts in the mountainous regions of Germany. One of the most popular destinations is the Zugspitze, the country’s highest peak. Another seasonal highlight is a visit to one of the many Christmas markets, such as the Striezelmarkt in Dresden. A region with a distinctive traditional flavor is the Erzgebirge, where craftspeople have been making toys and Christmas decorations for many generations.
Transoceânica
The World's Longest Bus Journey

The three-part documentary series Transoceânica – The World's Longest Bus Journey takes the viewer through the heart of South America. The series follows a bus that travels from Rio de Janeiro to Lima. The bus trip lasts six days and covers a distance of 6,300 kilometers – a journey of superlatives. A voyage filled with contrast: from the Atlantic, it leads initially through a savannah landscape, then through the Earth's largest area of wetland, the Amazon jungle, and finally up to the Andes and the Pacific on the western side of the mountain range. The road movie affords the viewer a glimpse into the soul of South America. It shows the beauty of its nature and the pride of its people, but also some of the negatives: environmental pollution, poverty and crime.

584888 001
The Maiden Voyage: From the Copacabana to Cowboys

584888 002
Crossing Jungle, Barricades and Borders: From Brazil to Peru

584888 003
The Final Stage: Over the Andes to Lima
Along the Rhine

The Rhine is one of Europe's great rivers, and has long been bound up with myth and mystery. Majestic and romantic, scenic and legendary are just some of the adjectives used to describe it. The French writer Victor Hugo called it a "noble river". And the English landscape painter William Turner captured the essence of the romantic Rhine.

No other river in Germany is so steeped in legend. For example, it is said that the Nibelung treasure lies on the riverbed near the town of Worms. Further north, the beautiful Lorelei would bewitch hapless sailors with her song and cause them to capsize their boats. The rock that bear her name is visited by tourists from all over the world.

The Rhine not only has its place in myths and legends, songs and poems, it also plays a political and economic role. Whereas it used to serve as a dividing line between "arch enemies" Germany and France, today it unites the two neighbors now perceived as the motor driving European unity. The river serves as a key transport route between the industrial cities along its course and the North Sea. Its banks are strewn with romantic towns and villages drawing tourists with their quaint alleys, picturesque half-timbered houses and countless pubs selling local wines and beers. Another attraction are the region's many castles, formerly customs posts that brought their owners great wealth and now elegant restaurants and hotels.
524830 001
Upper Rhine
From Neuenburg via Breisach to Neuf Brisach

524830 002
Middle Rhine
From Rüdesheim via Bacharach to Sankt Goar

524830 003
Lower Rhine
From Düsseldorf via Duisburg to Emmerich

524831 001
Konstanz

524831 002
Basel

524831 003
Strasbourg

524831 004
Speyer

524831 005
Mannheim

524831 006
Worms

524831 007
Mainz

524831 008
Rüdesheim

524831 009
Koblenz

524831 010
Bonn

524831 011
Cologne

524831 012
Düsseldorf

524831 013
Duisburg

524831 014
Rotterdam
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Zakayo and Timmy are best friends. Together they undertake a daring journey across Lake Baringo in Kenya to reach an enchanted island. Vi lives in Vietnam; she’s afraid of water because she can’t swim; she decides it’s time to face up to her fears. Everyday problems, commitment to a cause, unusual hobbies, and, time and again, the courage to tackle new challenges: The lives of our protagonists are as varied, interesting and diverse as their home countries. They invite us to take a look: Come and See My World!
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Zakayo and Timmy’s Big Trip (Kenya)
Documentary, 30 min., 2018, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

764826 036
Simon’s Parkour Challenge (Germany)
Documentary, 30 min., 2018, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

764826 037
Thyago, the Drummer (Brazil)
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Samuel and the Lions (Kenya)
Documentary, 30 min., 2018, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

764826 039
Vi and Her Floating Village (Vietnam)
Documentary, 30 min., 2018, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

764826 040
Geilson, the Capoeirista (Brazil)
Documentary, 30 min., 2018, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR
Dragons, rhinos and kangaroos, flute players and wizards... fairytales are universally popular and fire the imagination of children all over the world. Fairytales are passed on from generation to generation – stories that not only entertain, but also serve to preserve tradition and folklore in all cultures.

In our series Once Upon a Time..., we share fairytales from different countries and cultures all over the world. The stories, some of which are well known and others less familiar, reflect the huge wealth and diversity of fables and fairytales.

Lovingly illustrated, they lead us into a world full of adventure and wisdom.

Come with us on a magical trip around the globe:

724772 001
China – The Flute Player

724772 002
Italy – Cola Pesce

724772 003
Poland – Pan Twardowski

724772 004
Afghanistan – Little Ahmad Is Still Awake
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The Power of Sports

Sport is the world’s most popular leisure pursuit, quite apart from major competitions and international leagues. But sport is also much more: It has the ability to connect and inspire people regardless of their age, social status and background. The Power of Sports observes those who seek passion, concentration, team spirit, competition and recognition through sport – people who have succumbed to its fascination.

464835
Documentary,
27 x 30 min.,
Arabic, English,
Portuguese, Spanish
11 x 30 min.,
Russian

464835  001
The Beautiful Game – Amazonia’s Most Eccentric Soccer Tournament
In the world’s largest amateur soccer tournament, the Peladão, 700 teams battle it out for victory and recognition over a period of four months. The competition runs in parallel with a beauty pageant. Each beauty queen is assigned to a soccer team and her success can further the squad’s chances in the overall results, even if it loses.
Documentary, 30 min., 2015, HD; Arabic, English, Portuguese, Spanish; VoD, IFE, LR

464835  002
Arsenal Double Club – Learning Languages through Soccer
A unique initiative in Britain sees talented youngsters aged between 12 and 15 improving not only their performance on the soccer pitch but also their language skills. Arsenal stars such as Lukas Podolski, Per Mertesacker and Serge Gnabry often stop by to offer advice and encouragement. It’s a very special opportunity for kids from a variety of social backgrounds to broaden their experience.
Documentary, 30 min., 2015, SD; Arabic, English, Portuguese, Spanish; VoD, M, IFE, LR

464835  003
Alone Against the Ocean – Crossing the Atlantic in a Rowboat
In the Rames Guyane race, rowers from all over the world attempt to cross the Atlantic using sheer muscle power. The film observes three men as they set out from Senegal, bound for French Guiana, in special rowing boats fit for the rigors of the high seas. In their solo battle against the forces of nature and their own physical limits, one thought should keep them going: The way is the goal.
Documentary, 30 min., 2015, HD; Arabic, English, Portuguese, Spanish; VoD, IFE, LR

464835  004
Training for Life – Brazil’s Social Soccer Projects
The world’s most dangerous slums are found in the city of Rio de Janeiro. For many children and youngsters living in the favelas, everyday life is defined by poverty, violence and a lack of prospects. As well as offering a welcome diversion, soccer can also go some way to addressing the lack of social infrastructure. A coach from the German Soccer Association supports a number of local initiatives, helping kids improve their game and their social skills.
Documentary, 30 min., 2015, SD; Arabic, English, Portuguese, Spanish; VoD, M, IFE, LR
**Skating in the Himalayas – Indian Women Play Ice Hockey**

The region of Ladakh in the very north of India lies on a high plain, and it’s freezing cold there for many months of the year. Ice hockey is a very popular sport, and it’s attracting an increasing number of women. One of the most successful female teams is that of the SECMOL youth program. Ice hockey is an important element of the curriculum for this educational initiative.

*Documentary, 30 min.*, 2015, HD; Arabic, English, Portuguese, Spanish; VoD, IFE, LR

**Soccer in the Mountains – Peru’s Female Kickers**

Women from a Peruvian village in the Andes play soccer at an elevation of 4,000 meters – in full traditional costume and according to their own set of rules. One of the ways they train for their matches against other female teams is to undertake long and strenuous hikes. The effort pays off – their sporting success even helps them to attain political influence in their local community.

*Documentary, 30 min.*, 2015, HD; Arabic, English, Portuguese, Spanish; VoD, IFE, LR

**Surfin’ Persia – Riding the Waves in a Hijab**

Three sportswomen are striving to establish the sport of surfing in Iran. At first, the idea met with criticism in this male-dominated society; but before long entire families were turning out to watch the women surf, dressed in neoprene suits and hijabs. The sport has even found favor with a local member of parliament in this remote corner of southeastern Iran, and the decision has been taken to teach youngsters here how to surf.

*Documentary, 30 min.*, 2015, HD; Arabic, English, Portuguese, Spanish; VoD, IFE, LR

**When Dreams Come True – The Children’s Soccer World Cup**

At the Soccer World Cup for 10- to-12-year-olds, the dream of many youngsters becomes a reality: to be able to run onto the pitch wearing the national strip. For some of the talented players, it’s the first time they’ve ever been abroad. In this contest, team spirit and fairness are just as important as learning to cope with defeat and disappointment.

*Documentary, 30 min.*, 2016, HD; Arabic, English, Portuguese, Spanish; VoD, IFE, LR

**Open Water Race – Australia’s Courageous Swimmers**

Every year, thousands of swimmers from all over the world pit themselves against the tides of the Indian Ocean. In the Rottnest Channel Swim, contestants have to cover a distance of 20 kilometers out in the open sea. Rough waters, unpredictable weather and the enormous distance make this event one of the world’s most dangerous swimming competitions.

*Documentary, 30 min.*, 2016, HD; Arabic, English, Portuguese, Russian, Spanish; VoD, IFE, LR

**Fighting with a Heart – Italy’s Venerable Boxing Master**

For more than 50 years, Lucio Zurlo has been running a boxing studio in a poor and tough neighborhood of Naples. He is a successful coach: several of his protégés have won titles. Though the ‘maestro’, as everybody calls him, is approaching 80, he still personally looks out for his students every day, and has helped many stay away from a life of crime.

*Documentary, 30 min.*, 2016, HD; Arabic, English, Portuguese, Spanish; VoD, IFE, LR
**Tour du Faso – Africa's Greatest Bike Race**

The Tour du Faso is regarded as the friendlier African version of the Tour de France. In temperatures of up to 40 degrees Celsius in the shade, African pros and more adventurous European riders compete over a 10-stage course across the savannah of Burkina Faso. When European perfectionism meets the African fighting spirit, and sand tracks meet high-tech, it quickly becomes clear that anything is possible.

Documentary, 30 min., 2016, HD; Arabic, English, Portuguese, Spanish; VoD, IFE, LR

**Football Made in Germany – The Secret of its Success**

German soccer has long been regarded as a success story, certainly since the national squad won its fourth world championship title. This success is based on a unique system of promoting gifted young players that involves a nationwide network of talent scouts, intensive training at special centers, right through to the U21 national team. A look behind the scenes of the German Football Association’s recruitment and coaching program.

Documentary, 30 min., 2016, HD; Arabic, English, Portuguese, Russian, Spanish; VoD, IFE, M, LR

**Barefoot on the Court – Basketball in the Mexican Highlands**

The Triqui tribe lives in the Oaxaca highlands of southern Mexico. Their main sport is basketball. And although space is in short supply up in the mountains, there’s always room for a small court where players, most of them barefoot, can train for the next tournament. Every year, some 300 children try out for one of the sought-after spaces on the junior coaching program.

Documentary, 30 min., 2017, HD; Arabic, English, Portuguese, Russian, Spanish; VoD, IFE, LR

**For the Love of Baseball – Supporting the Sport in Havana**

Herb Schneider fled Nazi persecution in Austria and found refuge in Cuba in 1941. Two years later he settled in the US. Seven decades on, his young grandson Mica, who is crazy about baseball, finds out that poor kids in Cuba also love the sport but often can’t find or afford the right equipment, so he comes up with an ambitious plan to help.

Documentary, 30 min., 2017, HD; Arabic, English, Portuguese, Russian, Spanish; VoD, IFE, LR
464835 017
**Surfing for a Better Future – A Moroccan Story**
A former Moroccan surfing pro is using the allure of the waves to try to secure a better future for street children. He teaches them how to surf at his beach club, and thereby also imparts values such as environmental awareness and community spirit. But only those who get good grades at school are allowed to join in.

**Documentary, 30 min., 2017, HD; Arabic, English, Portuguese, Russian, Spanish; VoD, IFE, LR**

464835 018
**Bowler or Batsman? – India’s Passion for Cricket**
Many boys and girls learn the techniques of batting and bowling at an early age. But it’s the boys who have a better chance of turning their passion into a career one day.

**Documentary, 30 min., 2017, HD; Arabic, English, Portuguese, Russian, Spanish; VoD, IFE, LR**

464835 019
**For the Love of Baseball – Supporting the Sport in Havana**
The Al Galayel Championship in Qatar is the most important hunting and falconry contest on the Arabian Peninsula. Every year, teams compete against each other in traditional Arab hunting techniques. German national Laura Wrede will be the first woman ever to take part. She has been practicing her camel handling and training with her falcons every day in preparation for the event.

**Documentary, 30 min., 2017, HD; Arabic, English, Portuguese, Russian, Spanish; VoD, IFE, LR**

464835 020
**At Maximum Capacity – Extreme Diving**
Axel and Nik are among the best divers in Germany and thrive on extreme adventures. As one explores a narrow cave complex or searches for a shipwreck, the other aims to break the world record in freediving under ice. Both are acutely aware of their limits, as in diving hubris can be fatal.

**Documentary, 30 min., 2017, HD; Arabic, English, Portuguese, Russian, Spanish; IFE, LR**

464835 021
**Football, My Other Life – Discover Football in Goa**
For girls in India, football can promote empowerment, women’s rights and gender equality. More than a hundred took part in the Discover Football Festival in Goa. Farheen is a Muslim from Mumbai, who is new to the game; Cynthia, a Christian from Goa, who dreams of becoming a professional; and Tsomo, a Buddhist from Tibet. They all love football and have come to Goa to play together.

**Documentary, 30 min., 2018, HD; Arabic, English, Portuguese, Russian, Spanish; VoD, M, IFE, LR**

464835 022
**Surfing and Ice – Riding the Waves in Russia**
Surfers are discovering the extreme charms of the remote Kamchatka Peninsula in the far east of Russia, where the scenery is spectacular, the waves excellent, and the air and water shockingly cold in winter. A dedicated group of Russian surfers is keen to prove to foreign surfers and fellow Russians that surfing is totally cool, literally.

**Documentary, 30 min., 2018, HD; Arabic, English, Portuguese, Russian, Spanish; VoD, IFE, LR**

464835 023
**Soccer Behind Bars – Playing in a Hamburg Jail**
Their pitch may be surrounded by high walls, but a match means 90 minutes of freedom. The team is made up of prisoners. For coach Gerd Mewes, what matters is not the crimes the men have committed but their soccer skills. The prison squad takes part in the local league. The only constraint is they can’t play away games.

**Documentary, 30 min., 2018, HD; Arabic, English, Portuguese, Russian, Spanish; VoD, IFE, LR**
464835 024
For the Love of Soccer – The Rebels From Manchester
When Manchester United was purchased by a billionaire in 2005, a group of devoted fans, dismayed by the commercialization of British soccer, founded their own football club – United of Manchester – under the banner ‘Fans First!’. It’s owned by its fans and is semi-professional. It is proving rather successful, but is there a risk it might lose sight of its original down-to-earth character?
Documentary, 30 min., 2019, HD; Arabic, English, Portuguese, Spanish; VoD, LR

464835 025
With Blowpipe, Bow and Canoe – The Amazonian Olympics
Since 1996, Brazil’s Inter Tribal Council has been hosting national Indigenous Games. They are intended as a celebration of the culture, traditions and spirituality of native peoples. Athletes test their strengths in a variety of disciplines including tug-of-war, shooting with blowpipe and bow and arrow, canoeing and ball games. But above all else, this gathering enables participants to travel, get to meet other ethnic groups and discuss shared interests.
Documentary, 30 min., 2019, HD; Arabic, English, Portuguese, Spanish; VoD, LR

464835 026
The Jersey Hammerheads – Swimming for Self-Esteem
Because it was hard to get their autistic son Mikey into a sports club where they live in New Jersey, USA, Maria und Mike decided to found their own swim team for autistic youngsters. The joint training sessions are invigorating and give them new confidence. The swimmers have already clocked up numerous successes, boosting their self-esteem and helping them manage the challenges of their daily lives.
Documentary, 30 min., 2019, HD; Arabic, English, Portuguese, Spanish; VoD, IFE, LR

464835 027
The Le Mans Challenge – Frédéric Sausset’s Incredible Race
Several years ago, the French entrepreneur Frédéric Sausset was afflicted by a life-threatening infection with multi-resistant bacteria. As the infection spread, his left arm, right hand and both of his lower legs had to be amputated. Despite his compromised physical condition, he decided he wanted to take part in the 24 Hours of Le Mans car race. Against all the odds, he found sponsors and team partners – and completed the race!
Documentary, 30 min., 2019, HD; Arabic, English, Portuguese, Spanish; VoD, IFE, LR
The Bayern Munich Phenomenon

A 1:0 victory by Bayern Munich over Glasgow Rangers in the 1967 European Cup Winner’s Cup final suddenly puts the West German club on the international soccer map. Striker Franz Roth recalls: “The ball came so high over me, the goalkeeper came towards me and at the moment when the defender almost brought me down, I tried to lift the ball over the goalie. He couldn’t get to it and the ball went in under the bar. That was the goal. Fantastic! I kept the trophy overnight on my bedside table and stared at it. All night long...”

In the years that followed, Bayern Munich rapidly grew from erstwhile regional club to one of the most successful and best-known global soccer brands. Not least due to some 60 national and international titles and international star players, Bayern Munich’s current membership stands at almost 300,000. Then there are about 4,300 fanclubs and millions of fans all over the world. “What makes this club so special, isn’t winning the Champions League, it’s not the titles, it’s the inclusive team concept with the fans,” says Raffael, a fan from Puerto Rico.

But at the same time, few clubs manage to polarize opinion in the soccer world like Bayern, a club you either hate or love. Real Madrid once branded it “La Bestia Negra”, a black beast that cannot be vanquished. Jaime Carrasco, a sports reporter for El Mundo says: “There are in the world only two or three teams that have maintained such a continuous will to win over the years. Perhaps Barcelona and Madrid – and definitely FC Bayern.”

Philipp Lahm spent more than two decades “asserting myself in the FC Bayern shark pool”, an effort that eventually earned him the captain’s shirt. Why can so few players resist the call from Munich? And how was a club with such strong southern German roots able to develop such global appeal?

Club President Uli Hoeness says FC Bayern is “for many people something akin to a homeland, a substitute family”. Players, coaches and fans from all over the globe explain the global “Bayern Munich Phenomenon”. The film provides insights into the Bavarian club, its traditions, the way it sees itself, and its visions for the future.
Need to Compete

Fun and excitement – this is what we expect from games and contests. Whether it’s about sport, dexterity or artistic talent – the pleasure is common to almost all the world’s cultures.

Many contests are based on ancient traditions, others are of more recent provenance. But for all their differences, they have one thing in common: they bring people together. Alongside our urge to play, they also fulfill our Need to Compete.

464874 001
Caber, Hammers and Kilts – The Highland Games in Scotland
Highland Games are held every year across Scotland’s rugged north. In what are known as “gatherings”, members of Scottish clans come together to compete in disciplines such as caber tossing and Highland dancing. Although it may at first look rather odd to outsiders, these games have deep historical roots. The traditions go back centuries.

Documentary, 30 min., 2016, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

464874 002
A Racing Driver for a Day – Push Cart Derbies in Jamaica
Push carts are an integral feature of street life in Jamaica. The homemade wooden carts are used to transport goods or serve as mobile snack stands. Once a year, owners spruce up their push carts for a special derby: Who can steer their cart the fastest through the bustling streets?

Documentary, 30 min., 2016, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

464874 003
For the Honor of the Neighborhood – Old-Style Soccer in Italy
Every year in June, the Piazza Santa Croce in the heart of Florence is turned into a sand-covered sports pitch. In a game of calcio storico, teams from the city’s four districts fight for possession of the ball. The rules and costumes date back to the late 16th century. Injuries are not infrequent. What matters is victory, and the honor of representing your neighborhood in the contest.

Documentary, 30 min., 2016, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

464874 004
Betting on Insects – Cricket Fighting in China
Cricket fighting is a traditional Chinese pastime that dates back more than a thousand years. Male field crickets from a small area in the northeast of China are said to be the most combative. The insects are sold at street markets all over the country, and prize fighters can cost up to a thousand Euros. The battles take place in small transparent boxes. Spectators place bets and, nowadays, can follow the action on a large screen. The cricket that throws its opponent out of the ring three times is declared the winner.

Documentary, 30 min., 2016, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR

464874 005
Fireworks for the Gods – Rocket Festivals in Thailand
People living in Isaan province in northeast Thailand gather every year to celebrate the Bun Bang Fai festival: huge homemade rockets are fired into the sky to impress the gods. In return, it is hoped the gods will then start the rainy season, which is crucial for the harvest. Festival participants spare no effort or cost in making their brightly decorated rockets, some of them more than five meters long. People believe that the owner of the highest-flying rocket can be certain of winning the gods’ favor.

Documentary, 30 min., 2016, HD; Arabic, English, Russian, Spanish; VoD, IFE, LR
Chasing the Rush

You do have to be just a little bit crazy to do this kind of thing: Extreme sportsmen and women are not content with regular challenges. They need to push themselves to the limits of their physical and mental capacity, and sometimes even beyond those limits. The pains and strains, the dangers and fears that would deter most mere mortals, serve only to spur them on and provide them with the incentive to continue. For them, the greatest satisfaction comes once the challenge is over, when they are able to say: “I did it.”

464782
Documentary, 03 x 30 min., Arabic, English, Spanish

464782 005
Bavarian Rodeo
The tradition of ox racing in the southern German town of Haunshofen is certainly no Olympic discipline, but it does have one thing in common with the Games in that it takes place every four years. Each rider has his own training methods, which can only be put to the test on race day itself. That is when success depends entirely on whether the oxen decide they want to run or not.

Documentary, 30 min., 2011, SD; Arabic, English, Spanish

464782 006
Hooked on Adrenaline
What is it that drives adrenaline junkies to take ever greater risks? Psychologists, researchers and emergency medics have no clear answer to that question. Some people, they say, seek out risk to compensate for their monotonous everyday lives. Others use it to escape the fact that their biographies are somewhat lacking. One thing is certain: When some people seek out a challenge, then it has to be an extreme one.

Documentary, 30 min., 2011, SD; Arabic, English, Spanish

464782 007
Jumps from Dizzying Heights
They jump from buildings, bridges and cliff tops and only open their parachutes on the way down. BASE jumpers are practitioners of what is perhaps the world’s most dangerous sport. They themselves fully expect that one of their risky jumps might one day cost them their lives, but they are not put off by that prospect. “When your time’s up, your time’s up” is their simple philosophy, one that empowers them to perform their daring feats.

Documentary, 30 min., 2011, SD; Arabic, English, Spanish, LR
Sports history tells us that soccer originated in England. But a form of the game was played in China some 2,300 years ago in the city of Linzi, the capital of the kingdom of Qi. The winners were awarded prizes, while the losers were flogged. Other versions of what we call football are associated with Egypt, Greece, the Roman Empire, and France. But it was in England in 1863 that the Football Association was founded which drew up the first rules of the game as we know it today.

From England the sport spread throughout the world. International matches and Olympic tournaments first made soccer popular in Europe. Then, in the 1920s the game also conquered Latin America.

The first World Cup tournament was held in Uruguay in 1930. In the final in Montevideo, the host nation defeated Argentina. The next two tournaments, 1934 and 1938, were won by Italy. In 1938 Indonesia became the first Asian nation to qualify for the World Cup finals. The 1950 tournament in Brazil saw Uruguay emerge as champions for the second time. Four years later the sensational winners in the Swiss capital, Berne, were West Germany who surprisingly defeated the hot favorites, the Magical Magyars from Hungary. In Sweden in 1958 a young man called Pelé burst on to the scene and helped Brazil become world champions for the first time.
Brazil retained their crown in Chile in 1962. Four years later, just over a century after the Football Association was founded, the tournament was held for the first time in England.

The group matches provided a sensation as North Korea knocked out one of the favorites, Italy. The final between England and West Germany was a thriller with England emerging victors by four goals to two, although one of their goals was highly controversial. In the years that followed, African and Asian teams made tremendous advances. With superstar Pelé in the side, in Mexico in 1970 Brazil became world champions for the third time. Four years later the tenth World Cup tournament was held in West Germany. In the final the host nation defeated the much-fancied Dutch by two goals to one.

32 years later, Germany once again played host to a World Cup tournament – and it was one to remember. The weather was glorious, the games exciting and the atmosphere amongst the fans friendly and relaxed. Italy secured its fourth World Cup title, while the German team thrilled the host nation by reaching the semi-final. But no sooner is one World Cup over, than preparations for the next begin.
Motoring Legends

The Mercedes 300 SL was technologically superb, the jeep is the mother of all SUVs, and the Citroën DS was and still is simply wonderful. Such vehicles are icons of the zeitgeist that prevailed when they were built. They also exert an influence on contemporary design – because they stand out from the crowd, have character and a story to tell. Some are admired or even adored by all – designers, engineers, vintage car fans and neutral observers alike – as vehicles of legendary status.

464906 001
Mercedes 300 SL – The Gullwing
The Mercedes 300 SL was way ahead of its time in terms of both design and technology. The powerful grand tourer was introduced in 1954 and was an instant hit with the wealthy. But not many units were produced, and now they're worth more than a million euros each.
Documentary, 30 min., 2018, HD; Arabic, English, Portuguese, Spanish; VoD, LR

464906 002
NSU Ro 80 – The Wankel Car
The Ro 80 was arguably one of the most innovative vehicles of its time. It was introduced in 1967, boasting clean, modern, airy and aerodynamic design and a Wankel engine. Though it proved to be a financial disaster for its manufacturer, it influenced the design of later generations of cars.
Documentary, 30 min., 2018, HD; Arabic, English, Portuguese, Spanish; VoD, LR

464906 003
Jeep – Pioneer of the 4WD Car
The Jeep began life as a small four-wheel-drive US military vehicle in 1941, built by Willys-Overland and Ford. It went on to become a legend, and it’s the forebear of all contemporary off-road vehicles and SUVs.
Documentary, 30 min., 2018, HD; Arabic, English, Portuguese, Spanish; VoD, LR

464906 004
Opel Kapitän – The Status Symbol
A cooler grille that looks like a shark’s mouth, panoramic windows, six cylinders: The Opel Kapitän was a symbol of burgeoning European wealth after World War Two. A motorist’s dream in the 1950s and 1960s, it was on a par with Mercedes models during this period.
Documentary, 30 min., 2018, HD; Arabic, English, Portuguese, Spanish; VoD, LR

464906 005
Citroën DS – The Floating Goddess
The heavenly Déesse doesn’t travel, it glides. Its unique blend of harmonious design and innovative engineering didn’t just captivate car fans in the 1950s and 1960s. To this day, it’s considered a technology and style icon, the embodiment of Modernism, one of the greatest design objects of the century.
Documentary, 30 min., 2018, HD; Arabic, English, Portuguese, Spanish; VoD, LR

464906 006
VW Bus – The Versatile
Originally designed for use within Volkswagen factories, the VW Bus became a huge success story, like the VW Beetle. It has been built in innumerable variations for every possible purpose; it also developed a reputation as the legendary wheels for hippies. So far, six generations have been introduced; and more than 11 million vans have rolled off the production line – with no end in sight.
Documentary, 30 min., 2018, HD; Arabic, English, Portuguese, Spanish; VoD, LR

464906 007
Opel Manta – The Stereotype
In the 1980s, few cars were the butt of so many jokes in Germany as the Opel Manta. Dismissed as a car for posers and a pretend sports car, the Manta was born as a mid-market family coupé and ended up in the car tuner’s shed, where it was often subjected to tasteless modifications.
Documentary, 30 min., 2018, HD; Arabic, English, Portuguese, Spanish; VoD, LR
MotorMania

Motor racing. The latest car technology. Classic cars. Automobile design: MotorMania is the ideal swift introduction to all issues concerned with mobility. For motor racing enthusiasts, tuning fans and anyone interested in technology. Or simply for all those fascinated by the subject of four-wheel transport.

Application & Tips
How does global car sharing work? When does it make sense to use winter tires? What should you watch out for when you're buying a car? MotorMania provides helpful tips and answers to everyday motoring questions, unveils innovative ideas and presents new possibilities for mobility arising from technological advances.
06 x 03 min.

Classic Cars
Despite all the innovations on the market, classic cars still enthrall and delight: the elegant forms, gleaming chrome, and engines motorists can still tinker with themselves. When it comes to the classics of automobile history, these are the cars that get pulses racing and have fans all over the world.
22 x 03 min.

Racing & Events
You won't find these cars in any car dealership. They have been tuned for maximum performance or simply to get noticed. Most are only authorized for the racetrack, and carmakers use them to test out technology and to showcase their performance potential. In the exotic world of car tuning, extreme models are lovingly customized by their owners to make them stand out from the crowd.
07 x 03 min.

Technology, Development & Design
Car manufacturers are developing new technologies to make road travel safer, greener and more modern. The global race to find the most efficient drive technology, the most intuitive cockpit or the most attractive vehicle design means exciting and innovative new products are coming on the market on an almost daily basis.
16 x 03 min.
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Ludwig van Beethoven’s 9th Symphony is one of the most popular pieces of classical music in the world. Countless people are familiar with its Ode to Joy.

Beethoven composed it during a time of personal and political crisis. He was struggling financially and as his deafness worsened, his social isolation became yet more acute. He also suffered from worsening ill-health, partly caused by his consumption of wine apparently contaminated with lead. Beethoven completed the 9th Symphony in 1824.

Thirty five years after the French Revolution ushered in liberty, equality and fraternity, there was little left of these aspirations in Europe. Instead, life was marked by war and oppression.

Despite the grim context in which it arose, the 9th Symphony leaves us fascinated, moved and elated by its creativity, its power and its culmination in the Ode to Joy. More than 160 years after it was written, Beethoven’s hymn to brotherhood was adopted by the European Union as its official anthem. But Beethoven’s Ninth is also met with enthusiasm far beyond the borders of Europe. What’s the explanation for its enduring success? What is it about this work that fascinates people all over the world?

To mark the 250th birthday of Ludwig van Beethoven, Symphony for the World travels around the globe from Europe to South America, Asia and Africa. We meet extraordinary musicians who interpret Beethoven’s Ninth in new and different ways, sometimes forging ties to the musical tradition of their home countries. These musical encounters are profound and personal, yet they always draw us back to Beethoven himself and the turbulent times he lived in.
Celebrating Ludwig van Beethoven’s 250th birthday, the world is paying tribute to a cultural icon, a genius, a wildly popular composer – and a deeply radical artist who expanded the horizons of music and who engaged with the political upheavals of his time.

It is said that Beethoven changed the world. But what does that mean? Can an individual artist influence the course of (musical) history? And how do we gauge the extent of that influence? One way to find some answers might be to imagine a world in which there had been no Beethoven!

How would the film composers of today set the mood without the nuances of instrumentation created by Beethoven in his symphonies? What would jazz be without the syncopation found in Beethoven’s later works? And aren’t all rock music riffs based on Beethoven’s famous “da-da-da-daaa”, the shocking opening notes of his 5th symphony?

So Beethoven is clearly still with us. His works are performed around the world. He is an inspiration to artists who engage with politics. The anthem of the European Union derives from his 9th symphony. And he also wrote the first ever solo for horn!

Sarah Willis, French horn player with the Berlin Philharmonic and a well-known music educator, explores Beethoven’s enduring influence in conversation with musicians and experts – among them film composer John Williams, jazz trumpeter Wynton Marsalis, the Brazilian musician and former political refugee Chico Buarque, the multitalented Van Dyke Parks, rock guitarist Rudolf Schenker, and the director of the Vienna Musikverein concert hall Thomas Angyan. We also hear excerpts from works by the master himself.
The Sound of Nature
Beethoven Worldwide: the Pastoral Project

Ludwig van Beethoven loved nature. His 6th Symphony, the Pastoral, is an expression of this love; it is a celebration of Creation and at the same time a call for its protection and care.

The 250th birthday of the great composer is the occasion for a global art project against environmental destruction, with the Pastoral as its point of departure: What does Beethoven’s music and its message still have to say to us in an era of climate change and species extinction? Some eight billion people share our planet. How can we ensure peaceful coexistence in the face of all the social and ecological challenges?

The Beethoven Pastoral Project calls on artists, civil society, governments, cities and communities across the world to propose answers. Musicians and ensembles on five continents are the protagonists of this DW documentary: Ricky Kej, Indian film composer and Grammy Award winner, is also a champion of environmental awareness in a country of extreme contrasts. He records his version of the Pastoral for us and takes us to visit a school in Delhi, where, with the help of his music, students learn about climate protection and sustainability. Brett Dean is a viola player and one of the most influential composers of contemporary classical music. He spent time in a national park at home in Australia to write his own Pastoral Symphony, which includes the song of the butcherbird, which he calls the most magical sound on the continent. Betty G. is a singer and songwriter from Ethiopia and a supporter of the UNHCR.

Her music, which incorporates the masinko or Ethiopian violin and the eskista dance, is firmly rooted in her country's musical traditions. Ethiopia is struggling with rural depopulation and burgeoning cities. Aterciopelados is a Grammy Award winning Colombian rock band. Its two members have long championed women's rights and environmental protection. The jazz quartet ADHD from Iceland are known for their low-key sense of humor; but their music can also express anger at how Iceland’s natural beauty is being damaged by climate change. For example, the Okjokull glacier has melted away and been declared dead.
The Beethoven Hair Mystery

684876
Documentary,
01 x 52 min.,
2016, HD;
English, Spanish
LR

Beethoven wrote the most famous sequence of notes in Western music history: the first four notes of his Fifth Symphony. But, tragically, he could not hear the wonderful music he created because he was deaf.

The work of Ludwig van Beethoven, who was born in Bonn in 1770 and died in Vienna in 1827, brought the Viennese School to its stylistic zenith, and thereby served as a bridge between Classicism and Romanticism.

For much of his life Beethoven suffered from various illnesses and was often in great pain. He died at the age of 56. For decades, researchers have tried to reconstruct the progression of his illnesses and seek clues as to the cause of his death.

Analysis of strands of his hair by scientists in the US suggests Beethoven died from lead poisoning. That might also explain his deafness, mood swings and angry outbursts. But it is not clear why he should have been exposed to a lot of lead.

There are also questions about the history of the lock of hair that was brought to the US for analysis. One day after Beethoven died, his friend the pianist and composer Johann Nepomuk Hummel visited his apartment to bid him farewell. Beethoven’s body was laid out in his coffin. Hummel was accompanied by a young student of his named Ferdinand Hiller, who cut off the lock of hair as a memento. It was kept by the Hiller family and passed on as an heirloom through the generations. The lock came into the possession of a doctor in a small town in Nazi-occupied Denmark. Who gave him the hair? Why? Nobody knows. Half a century later, in 1994, his daughter sold it at Sotheby’s in London. The two Americans who acquired it commissioned the forensic analysis, which found the level of lead in Beethoven’s hair to be 100 times higher than normal.
Masters of Classical Music

Music is a language of emotions that needs no words and is understood by everyone. The poet Rainer Maria Rilke called it “language where languages end”, and the violinist Yehudi Menuhin once said: “Music speaks for itself – if we give it a chance.”

In the series Masters of Classical Music, European music from all periods is given a chance: From Baroque and Rococo to Classical and Romantic and beyond. The music is interpreted by outstanding orchestras and soloists from all over the world. Conductors include such eminent artists as Claudio Abbado, Daniel Barenboim, Pierre Boulez and Sir Simon Rattle.

604849 001
Antonín Dvořák: Symphony No 9 in E Minor op. 95 “From the New World”
Berlin Philharmonic, Conductor: Claudio Abbado
Live Music, 50 min., 2015, HD; VoD, M, IFE, LR

604849 002
Johannes Brahms: Violin Concerto in D Major op. 77
Berlin Philharmonic, Conductor: Claudio Abbado, Soloist: Gil Shaham
Live Music, 41 min., 2015, HD; VoD, M, IFE, LR

604849 003
Johann Sebastian Bach: Magnificat in D Major BWV 243
Amsterdam Baroque Orchestra & Choir, Conductor: Ton Koopman
Live Music, 30 min., 2015, HD; VoD, M, IFE, LR

604849 004
Gustav Mahler: Symphony No 5 in C Sharp Minor
Lucerne Festival Orchestra, Conductor: Claudio Abbado
Live Music, 68 min., 2015, HD; VoD, M, IFE, LR

604849 005
Richard Strauss: An Alpine Symphony
Staatskapelle Dresden, Conductor: Giuseppe Sinopoli
Live Music, 56 min., 2015, HD; VoD, M, IFE, LR
Béla Bartók:
Concerto for Orchestra
Berlin Philharmonic, Conductor: Pierre Boulez
Live Music, 42 min., 2015, HD; VoD, M, IFE, LR

Igor Stravinsky:
The Firebird
Berlin Philharmonic, Conductor: Sir Simon Rattle
Live Music, 43 min., 2015, HD; VoD, M, IFE, LR

Wolfgang Amadeus Mozart:
Piano Concerto No 17 in G Major, KV 453
Cleveland Orchestra, Conductor: Franz Welser-Möst,
Soloist: Leif Ove Andsnes
Live Music, 29 min., 2015, HD; VoD, M, IFE, LR

Ludwig van Beethoven:
Piano Concerto No 1 in C Major op. 15
Staatskapelle Berlin,
Conductor and Soloist: Daniel Barenboim
Live Music, 37 min., 2015, HD; VoD, M, IFE, LR

Felix Mendelssohn: Scottish Symphony
Leipzig Gewandhaus Orchestra,
Conductor: Riccardo Chailly
Soloist: Lang Lang
Live Music, 39 min., 2015, HD; VoD, M, IFE, LR

Wolfgang Amadeus Mozart:
Violin Concerto No. 3 in G Major
Gothenburg Symphony Orchestra,
Conductor: Marc Albrecht,
Soloist: Arabella Steinbacher
Live Music, 28 min., 2015, HD; VoD, IFE, LR
604849 017
Johannes Brahms:
Symphony No. 1 in C Minor, op. 68
Verbier Festival Orchestra,
Conductor: Charles Dutoit
Soloist: Martha Argerich
Live Music, 46 min., 2015, VoD, IFE, LR

604849 018
Gustav Mahler: Symphony No. 9 in D Major
Gewandhausorchester Leipzig,
Conductor: Riccardo Chailly
Live Music, 87 min., 2015, VoD, IFE, LR

604849 019
Franz Schubert:
Symphony No. 9 in C Major “The Great”
Orchestre de Paris, Conductor: Christoph von Dohnanyi
Live Music, 56 min., 2015, VoD, IFE, LR

604849 020
Ludwig van Beethoven:
Piano Concerto No. 3 in C Minor, op. 37
Orchestre de Paris,
Conductor: Christoph von Dohnanyi,
Soloist: Martin Helmchen
Live Music, 37 min., 2015, VoD, IFE, LR

604849 021
Pyotr Ilyich Tchaikovsky:
Violin Concerto in D major op. 35
Leipzig Gewandhaus Orchestra
Conductor: Riccardo Chailly
Soloist: Julian Rachlin
Live Music, 45 min., 2019, VoD, LR

604849 022
Joseph Haydn:
Sinfonia Concertante in B flat major op. 84
Israel Philharmonic Orchestra
Conductor: Zubin Mehta
Soloists:
David Radzynski (violin)
Emanuele Silvestri (cello)
Dudu Carmel (oboe)
Daniel Mazaki (bassoon)
Live Music, 23 min., 2019, VoD, IFE, LR

604849 023
Camille Saint-Saëns:
Cello Concerto No. 1 in A minor op. 33 and “The Swan”
Verbier Festival Chamber Orchestra
Conductor: Gábor Takács-Nagy
Soloist: Mischa Maisky
Live Music, 27 min., 2019, VoD, IFE, LR

604849 024
Ludwig van Beethoven:
Symphony No. 6 in F major op. 68 ‘Pastoral’
Berlin Philharmonic
Conductor: Bernard Haitink
Live Music, 45 min., 2019, VoD, IFE, LR

604849 025
Edvard Grieg:
Peer Gynt Suites No. 1 & 2
Gothenburg Symphony Orchestra
Conductor: Alain Altinoglu
Soprano: Klara Ek
Live Music, 47 min., 2019, VoD, IFE, LR
Hector Berlioz: Symphonie fantastique op. 14
Gothenburg Symphony Orchestra
Conductor: Lionel Bringuier
Live Music, 53 min., 2019, HD; VoD, IFE, LR

Sergei Rachmaninoff: Piano Concerto No. 2 in C minor op. 18
Leipzig Gewandhaus Orchestra
Conductor: Semyon Bychkov
Soloist: Kirill Gerstein
Live Music, 34 min., 2019, HD; VoD, LR

Felix Mendelssohn Bartholdy: Violin Concerto in E minor op. 64
MusicAeterna
Conductor: Teodor Currentzis
Soloist: Patricia Kopatchinskaja
Live Music, 26 min., 2019, HD; VoD, IFE, LR
Edward Elgar’s “Land of Hope and Glory”
“Land of Hope and Glory” is the most popular British hymn and the best-known work of the British composer Edward Elgar. Whether played in the concert hall or the soccer stadium, the music is recognizable to everyone after just a few notes. To this day, the piece serves as England’s unofficial national anthem – a song used to celebrate a nation, but also to take it into war. When Elgar realized just how much his work had become associated with death and suffering, he withdrew from public life and ceased composing, devoting himself solely to observation of the natural world. Nevertheless, he will always be remembered for this hymn above all else.

Documentary, 60 min., 2017, HD; Arabic, English, Spanish; VoD, LR

Sergei Prokofiev’s “Peter and the Wolf”
The musical fairytale “Peter and the Wolf” is the best-known work by Russian composer Sergei Prokofiev. But without the Moscow theater director Natalya Sats, he would never have written it at all. It was her idea to commission a piece that would tell children an engaging story while introducing them to the sounds of different instruments. It premiered in 1936. The following year Sats was arrested by the Soviet secret police and taken to a labor camp. The circumstances of her arrest remain a mystery to this day.

Documentary, 60 min., 2017, HD; Arabic, English, Spanish; VoD, LR

Gustav Mahler’s Symphony No. 2
Gustav Mahler’s Symphony No. 2, also known as the Resurrection Symphony, has exerted a powerful fascination since its premiere. On the one hand, because the work shattered all the temporal and spatial conventions of the time. More than 90 minutes long, it requires more than 150 musicians – orchestral, choral and solo voices. Another factor is that in this symphony, Mahler attempts to answer one of humankind’s most pressing existential questions: What is the point of life? Already a famous conductor at the time of the premiere, Mahler achieved his breakthrough as a composer with this work.

Documentary, 60 min., 2018, HD; Arabic, English, Spanish; VoD, IFE, LR

Spotlight On

Pieces of music that remain etched on the memory have been written throughout time. Even though the concept of “hits” did not yet exist in the Baroque, Classical or Romantic era when they were composed. And often, they are just as popular today – if not more popular. What is it about these works that has made them so famous? What makes them so fascinating? When, where and how were they created? Who composed them? What motivated the composer to write this particular piece? How difficult or easy are they to sing or play? Where were they usually played in the past, and where are you most likely to hear them today?

We shine a Spotlight On incomparable pieces of music. As well as playing excerpts of the music in question, we visit key locations in the creation process and provide an insight into the life and work of the composer.
Composers of Genius

In this series, we profile Composers of Genius from a range of eras – from the Baroque and Rococo periods via Classicism and Romanticism to the modern epoch. What kind of lives did they lead? How did they think? How did they approach their work and what makes their music so special? The programs include excerpts from their most beautiful works played by famous soloists and orchestras from all over the world.

684875 001
Baroque Star George Frideric Handel
George Frideric Handel is a giant among Baroque composers. The three years he spent in Italy as a young man were formative. Rome was the inspiration for ideas that would stay with him throughout his life and result in new compositions time and again. In Venice, he was so popular the locals called him "the dear Saxon". He became a celebrity in London, where he was honored with a life-size statue during his lifetime. Despite his dizzying success, he never lost his sense of social responsibility.
Documentary, 60 min., 2016, HD; English, Spanish; VoD, IFE, LR

684875 002
Mendelssohn the Classical Romantic
Felix Mendelssohn is one of the stand-out musicians of the Romantic period. As a young composer, conductor, pianist and organist, he toured numerous countries to great acclaim. His fan base was especially large and enthusiastic in Italy and England. But 50 years after his death, he fell out of favor. Critics described his music as pleasing and elegant, but lacking in depth. Mendelssohn wasn’t rediscovered until the first half of the 20th century. Today he is among the most popular of the European greats.
Documentary, 60 min., 2016, HD; English, Spanish; VoD, IFE, LR

684875 003
Franz Liszt – The Pilgrimage Years
Franz Liszt was one of the most productive composers of the 19th century. He composed in many different styles and genres and was a pioneer of program music. He is considered one of the greatest pianists of all time. With his companion Marie d'Agoult – the mother of his three children – he set off on his first trip to Italy in 1837. It was there that he conceived many of his most famous compositions and cemented his reputation as a virtuoso performer.
Documentary, 60 min., 2016, HD; English, Spanish; VoD, IFE, LR

684875 004
The Art of Chopin
Frédéric Chopin, as the French call him, or Fryderyk Chopin, as he is known in Poland, is one of the most influential and popular pianists and composers of all time. He was raised in Warsaw as the son of a Polish mother and a French father, but moved to Paris at the age of 21. He soon strayed from well-worn compositional paths to develop his own style. His romantic-poetic piano artistry influenced generations of composers. Although many of his works sound straightforward and accessible, they are very difficult to play and represent a huge challenge for any pianist.
Documentary, 60 min., 2016, HD; English, Spanish; VoD, IFE, LR
**684875 005**

**Richard Strauss and His Heroines**

Richard Strauss was one of the leading exponents of the program music of the late 19th century and wrote some of the great operas of the 20th century. He expanded the scope and timbre palette of the orchestra. Women played a key role in his life and work, first and foremost his wife Pauline de Ahna, to whom he was married for more than 55 years. She gave up her career as an opera singer for him, and supported him throughout his life. She inspired Strauss to write some of his most beautiful and ethereal songs.

**Documentary, 60 min., 2018, HD; English, Spanish; VoD, IFE, LR**

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**684875 006**

**Joseph Haydn – Music for Prince and People**

Joseph Haydn is one of three key composers - alongside Mozart and Beethoven - who made up the First Viennese School of western classical music. He's considered the father of the classical symphony and string quartet and an innovator in the composition of piano sonatas and piano trios. Although he was an employee of the wealthy Hungarian Esterházy family for most of his life, he was a master at pursuing his own interests. As a composer, he aimed to write music to please everyone - from his aristocratic patrons to "regular people".

**Documentary, 60 min., 2018, HD; English, Spanish; VoD, LR**

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**684875 007**

**Heinrich Schütz – Giant of the 17th Century**

Heinrich Schütz is regarded as the most important German composer of the Early Baroque. He wrote a huge volume of sacred music, some to Latin but most to German texts. This music was destined for church services at the court of the Elector of Saxony, whom Schütz served as court conductor. But as a sideline, he also composed music to entertain his employer and the royal household. Even during his lifetime, Schütz was revered as the "father of our modern music".

**Documentary, 60 min., 2018, HD; English, Spanish; VoD, LR**

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**684875 008**

**Krzysztof Penderecki – Music without Concessions**

The Polish composer and conductor Krzysztof Penderecki is one of the most-performed composers of the modern age. He was always a thorn in the side of the authorities, someone who always refused to toe the line and wrote music that ruffled the feathers of those who happened to be in charge at the time. Penderecki grants no freedom at all to interpreters of his compositions. He has very precise ideas about how he wants his music to be played and makes no concessions on this point.

**Documentary, 60 min., 2018, HD; English, Spanish; VoD, LR**

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**684875 009**

**Ignaz Joseph Pleyel – Global Career as Composer and Piano Builder**

At times, his music was as popular as Haydn's. But that popularity didn't last, and his work faded into obscurity during his lifetime. Ignaz Joseph Pleyel was a student of Haydn and revered his teacher, just as Mozart had done. The latter, in turn, had high praise for Pleyel's string quartets. But Pleyel wasn't just a successful composer, he also made a name for himself as a piano builder. In the 19th century, grand pianos made by Pleyel were regarded as the best in the world.

**Documentary, 60 min., 2018, HD; English, Spanish; VoD, IFE, LR**

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**684875 010**

**Michael Nyman – Avant-garde Minimalism**

British composer Michael Nyman is best known for his film music. His biggest success was with the soundtrack to the movie The Piano. Because he rejected contemporary atonal music, he gave up composing in the 1960s and turned to music criticism. An encounter with Steve Reich led him back to composition. US composer Reich is a pioneer of a musical style that Nyman was the first to call "minimalism". Music written in this style consists of just a few melodies, rhythms and harmonies that are then perpetually repeated. Michael Nyman is undoubtedly the most important British exponent of minimal music.

**Documentary, 60 min., 2018, HD; English, Spanish; VoD, IFE, LR**
Every summer DJs like Felix Jaehn and Alle Farben clock up more air miles than some airline pilots, conquering the international charts from their laptops. They produce hit songs, and have made German-style Deep House popular in Australia, Japan and the US.

We accompany Alle Farben, Felix Jaehn and Trance pioneer Paul van Dyk to some gigs. Jaehn performs at Summer Sound in Latvia, the biggest festival in the Baltic region. Frans Zimmer aka Alle Farben has to contend with torrential rain and a power outage at the Parookaville festival in Germany. And at a rave in San Francisco Paul van Dyk tells us why he keeps performing in the aftermath of a near-fatal accident during a concert.

They each attained fame and fortune in their twenties. What drives them on? The three DJs tell us about their different views on music, success and the music business. It’s a scene in which nobody becomes a star ‘just like that’. Their life is not all glamour and glory. It is also very tough; it takes hard work and self-discipline. It means late nights and long periods far from home, spending the summers traveling from festival to festival.
Musica Maestra: With Alondra de la Parra

It’s still rare to see a woman conducting an orchestra. But female conductors do exist – and one of them is Alondra de la Parra. Although the Mexican maestra is not yet 40, she’s already conducted some of the best orchestras in the world. Since 2017, she’s been Music Director of the Queensland Symphony Orchestra in Australia. As well as the standard classical repertoire, she believes it is important to familiarize audiences with the work of South American composers. To this end, she’s even founded her own orchestra. Alondra de la Parra also doesn’t shy away from cooperation with pop and rock musicians. In the series Musica Maestra she introduces some of the artists she has performed with in the concert hall or on stage.

644897 001
Alondra de la Parra in Paris and Budapest
In Paris, Alondra de la Parra talks to members of Ensemble Recoveco. The Venezuelan-Colombian group combines Baroque and classical music with jazz and samba. In Budapest, she meets the violinist Barnabás Kelemen, who is renowned for his masterful technique.

644897 002
Alondra de la Parra in Zurich
After performing Mozart together in Zurich, Alondra de la Parra talks to the Canadian pianist Jan Lisiecki. He may be very young, but he is already regarded as one of the best pianists in the world.

644897 003
Alondra de la Parra in Monaco
In Monaco, Alondra de la Parra conducts works by the Mexican composer Silvestre Revueltas. She then rehearses with and talks to the Brazilian musicians Yamandú Costa (guitar) and Ernesto Fagundes (percussion).

644897 004
Alondra de la Parra in Bamberg and Stockholm
After a concert with the Bamberg Symphony Orchestra, Gautier Capuçon talks about the joy he feels playing the cello. In Stockholm, Patrick Raab and Johann Bridger introduce Alondra de la Parra to playing the marimba.

644897 005
Alondra de la Parra in Brisbane
The Australian composer and conductor Joe Chindamo has written a new piece for his daughter, the vocalist Olivia Chindamo. After 23 years on the stage, the Spanish ballerina Zenaida Yanovsky prepares for her farewell performance. She’ll be accompanied by the Queensland Symphony Orchestra, led by Alondra de la Parra.

644897 006
Alondra de la Parra in Mexico
Alondra de la Parra meets two of her favorite musicians: in Mexico City she performs with Rodrigo de al Cadena – and with Natalia Lafourcade she gives a concert in Mérida’s iconic Coliseo Yucatán!

644897 007
Alondra de la Parra in Germany
Alondra de la Parra performs with the Bremen Kammerphilharmonie at Hamburg’s iconic Elbphilharmonie and with the Berlin Radio Symphony Orchestra at the “Kissinger Sommer” music festival.

644897 008
How to become a Musica Maestra
Alondra de la Parra shares some memories from the past. See her private archive with files and tapes she has kept for years!

644897 009
Alondra de la Parra in Australia
Have you ever seen Alondra de la Parra doing a ballet dance? Join her and the Queensland Symphony Orchestra in Brisbane!
Sarah’s Music – Contemporary Classical

Sarah’s Music – Contemporary Classical is a magazine show dedicated to the rich diversity of classical music. Presenter Sarah Willis, a world-class horn player with the Berlin Philharmonic, gets up close and personal with the stars of the classical music world.

What motivates a star conductor like Sir Simon Rattle to rehearse Carl Orff’s ‘Carmina Burana’ with a children’s choir? Or how does one of the world’s famous opera singers, Plácido Domingo, remember his cooperation with the celebrated conductor Herbert von Karajan?

In each edition Sarah Willis will present European concert highlights, showcase top events and welcome a star guest. The British host was born in the US but grew up in Tokyo, Boston and Moscow. Sarah’s Music – Contemporary Classical gives audiences around the globe a peek behind the scenes of current productions.

**644844 008**
What precisely is a double reed, and why are woodwind players always tinkering with their instruments? To get answers to these questions and others, Sarah Willis meets the “Double Reed Club” – the oboists, bassoonists and cor anglais players from the Berlin Philharmonic.

**644844 011**
All the world’s best musicians want to play at New York’s Carnegie Hall. What is it about the famous concert hall that makes it so special? Sarah Willis explores the reasons for the venue’s mythical status and meets the Norwegian pianist Leif Ove Andsnes.

**644844 015**
Håkan Hardenberger from Sweden is widely considered to be the greatest living trumpet soloist. Sarah Willis meets him at a concert with the Berlin Philharmonic conducted by Andris Nelsons.

**644844 002**
Sarah Willis meets top Venezuelan conductor Gustavo Dudamel and they discuss the magic of open-air concerts. And she takes part in a very special event: Once a year, the Berliner Philharmoniker plays in front of 20,000 spectators at the Waldbühne, an open-air amphitheater in the German capital’s Olympic Stadium complex.

**644844 003**
Sarah Willis meets one of the world’s most famous opera singers, Spanish tenor Plácido Domingo. Sarah talks to Plácido Domingo about the world’s major music festivals and why performers are always keen to perform in such a context. She also visits the Salzburg Festival, which has attracted hundreds of thousands of music fans from around the world during July and August since its inception in 1920.
Sarah spends the day backstage at the famous Theater des Westens in Berlin, as it puts on Chicago The Musical. She meets the cast and musicians and finds out how the musical theater prepares to perform the Broadway classic.

Sarah is in Vienna to discover the secrets of the Viennese Waltz. Dance instructor Thomas Schäfer-Elmayer sweeps her off her feet, and live waltzes are provided by the ensemble The Philharmonics.

The famous Simón Bolívar Symphony Orchestra of Venezuela is on tour in Berlin. Sarah holds a Horn Hangout with the horn section live online, answers questions from all over the world and attends the orchestra's concert in the Philharmonie.

Sarah meets the great Russian pianist Daniil Trifonov. She finds out how he chooses a piano for important concerts and is thrilled to hear him live for the first time.

From New York to Japan to Australia – every place Sarah Willis visits with her horn becomes the subject of an episode of Sarah's Music. See some of her favorite locations during the making of the program so far.

Renowned tenor Ian Bostridge and pianist Julius Drake perform “Winterreise” in Berlin. The two British musicians have specialized in the Lieder genre for many years now, and Ian Bostridge has written a book about Schubert’s glorious song cycle.

Daniel Hope – violinist, author, broadcaster, musical activist and festival director – talks to Sarah Willis during a festival at the Konzerthaus Berlin celebrating the life and work of his mentor, Yehudi Menuhin.
Sarah Willis savors the Sound Unbound Festival with all kinds of exciting music at the Barbican in London. The London Symphony Orchestra performs and Sarah even leads her own horn flashmob!

Germany’s capital Berlin is full of music and many episodes of Sarah’s Music have been filmed here. Sarah Willis shares some of her favorite Berlin episodes so far.

Adalberto Álvarez is known as El Caballero del Son – the Gentleman of ‘Son’. He talks to Sarah Willis about Cuban Son, the traditional Cuban dance music of which he is a master, at his home in Havana.

Join Sarah Willis for some of the highlights from the opening weekend of the 2017 Beethovenfest in Bonn featuring, of course, Bonn’s most famous resident, Ludwig van Beethoven, who can be found simply everywhere!

The Danish String Quartet delights the audience and Sarah Willis at the Klassiske Dage festival in Holstebro, Denmark, with their eclectic mixture of music from classical to folk.

From Lucerne to Sapporo: Sarah Willis takes you to some of her favorite classical music festivals and meets some of the great musicians who are performing there!
**Schumann at Pier2**

The German Philharmonic Chamber Orchestra Bremen and its conductor Paavo Järvi dust off the symphonies of Robert Schumann and present them in a new light. They offer a refreshing take on the work of one of the greatest composers of the Romantic era.

“After performing all of Schumann’s symphonies you get a sense that what you learned about him at school was simply wrong. Robert Schumann’s symphonic music is amazing. If you’re brave enough to look beyond tradition and focus solely on the music, you’ll see just how impressive it is.” The project Schumann at Pier2 consists of two elements: a concert film and a recording of Schumann’s four symphonies.

The concert film Schumann at Pier2 offers a new and unconventional encounter with Schumann’s symphonic oeuvre. The film stars the US-Estonian conductor Paavo Järvi and the German Philharmonic Chamber Orchestra Bremen. The setting is Pier2, a former shipyard in Bremen harbor. Usually a venue for rock and pop concerts, on this occasion it hosts performances of Schumann’s symphonies for a young audience.

The film observes the orchestra during rehearsals and presents elaborately recorded performances. Paavo Järvi explains key sections of the symphonies and talks about Schumann’s life. Studio-takes show members of the orchestra playing selected passages from the symphonies and talking about what makes them so special.

Schumann at Pier2 combines these various filmic elements – concerts, rehearsals and studio recordings – into an entertaining, informative and fascinating musical experience.
The Christmas Oratorio is probably the most popular spiritual work by Johann Sebastian Bach. The composition for choir, orchestra and vocal soloists illustrates the Biblical Christmas story and was written at a time when Bach was employed as cantor at the famous St. Thomas Church in Leipzig. It is comprised of several parts originally intended for church services on Sundays and religious holidays between Christmas and Epiphany. It was first performed in sections in the winter of 1734/35 under Bach’s baton. Soon afterwards, the composer merged the six highly uniform parts to create the Christmas Oratorio. However, owing to its considerable length of around two-and-a-half hours, it was rarely performed in its entirety.

DW Transtel presents Bach’s Christmas Oratorio, performed by the Royal Concertgebouw Orchestra from Amsterdam, one of the world’s best orchestras, in an abridged version of 2 x 50 minutes. This version comprises four of the six parts which perfectly reflect the spirit and the mood of the oratorio.

The entire Christmas Oratorio is borne by the joy at the birth of Christ, which finds its expression in celebratory choruses and dynamic orchestral passages, interspersed with hymns and emotional arias performed by the vocal soloists. All the while, melancholic musical allusions infuse the fundamentally joyful tone of the work with the knowledge of the later death of the Savior on the Cross – all masterfully interconnected by Bach in a manner that lends his music a timeless character.
684914 001
Christmas Oratorio, Parts I-II
The Royal Concertgebouw Orchestra and Cappella Amsterdam conducted by Jan Willem de Vriend.
Soloists: Judith van Wanroij (Soprano), Elisabeth Kulman (Alto), Fabio Trümpy (Tenor), Yorck Felix Speer (Bass).
A performance at the Koninklijk Concertgebouw, Amsterdam.
Live Music, 53 min., 2019, HD; VoD, IFE, LR

684914 002
Christmas Oratorio, Parts V-VI
The Royal Concertgebouw Orchestra and the Nederlands Kamerkoor conducted by Trevor Pinnock.
Soloists: Marlis Petersen (Soprano), Ursula Eittinger (Mezzosoprano), Daniel Behle (Tenor), Michael Nagy (Bass).
A performance at the Koninklijk Concertgebouw, Amsterdam.
Live Music, 48 min., 2019, HD; VoD, IFE, LR
The little town of Marienberg is situated in the Ore Mountains of eastern Germany. Its late Gothic Church of St. Mary is the setting for the Christmas concert Gloria in Excelsis Deo. The soprano Ruth Ziesak, the Wernigerode Radio Youth Choir, the Ensemble Sonora and the Sächsische Bläserphilharmonie under its conductor Thomas Clamor perform a range of music that suits the festive season.

Live music, 01 x 82 min., 2016, HD; IFE, LR

**THE PROGRAM:**

**George Frideric Handel:**
Tochter Zion freue dich (Rejoice Greatly, O Daughter of Zion)

**Martin Luther:**
Vom Himmel hoch da komm ich her (From Heaven Above, to Earth I Come)

**Richard Wagner:**
Elsas Zug zum Münster (Elsa’s Procession to the Cathedral)

**Peter Tchaikovsky:**
Excerpts from The Nutcracker Suite

**Felix Mendelssohn:**
Denn er hat seinen Engeln befohlen (For He Shall Give His Angels Charge)

**Richard Eilenberg:**
Petersburger Schlittenfahrt (Petersburg Sleigh Ride)

**John Francis Wade:**
Adeste Fideles

**Engelbert Humperdinck:**
Abendsegen (Evening Prayer)

**Siegfried Köhler:**
Tausend Sterne sind ein Dom (A Thousand Stars are a Cathedral)

**Franz Xaver Gruber:**
Silent Night, Holy Night
White Christmas – International Christmas Concert

684877
This Christmas Concert at the grand Konzerthaus in Vienna brings together artists from all over the world to sing a wide range of songs. The performers are the ORF Radio Symphony Orchestra with its conductor Karel Mark Chichon, the Vienna Boys Choir, the Vienna Choral Society, and the soloists Bernarda Fink (soprano, Argentina), Tamar Iveri (soprano, Georgia), José Cura (tenor, Argentina), and Boaz Daniel (baritone, Israel).
Live music, 01 x 52 min., 2016, HD; LR

THE PROGRAM:

Robert Stolz:
Es blüht eine Rose zur Weihnachtszeit
(A Rose Blooms at Christmas)

Carl Orff:
Fortuna Imperatrix Mundi

Hector Panizza:
Aria from the opera Aurora

Heitor Villa-Lobos:
Cantilena from Bachianas Brasileiras No. 5

Arturo Márquez:
Danzón No. 2

Ariel Ramírez:
Navidad Nuestra

Nunu Gabunia:
On the Morning of 25 December

Irving Berlin:
I’m Dreaming of a White Christmas