

HOPES

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PRESENTATION OF THE PROJECT

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- Presentation of the author
- International contributors

THE PROJCT'S SUBSTANCE

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- Magnificent visual work
- High quality information content
- Committed work turned towards hope
- Personalities from all over the world involved

AROUND THE BOOK

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THE PROJECT

When art and science stimulate reflection on the future of our world

How will today's world evolve? To what extent will risks induced by global warming, the global economic crisis or our sometimes thoughtless manipulation of certain technologies affect the existence of humanity? What major upheavals are likely to happen in the years, decades and centuries to come? What are concretely the ethical, societal and technological revolutions that could completely change the current situation, giving birth to a new era, making the most pessimistic predictions lie false?

One key point about the book is that art is an integral part of it, with the stated purpose of serving science, knowledge and enlightenment. The artwork it contains aims to give the reader a photo-realistic transcription of the most recent scientific studies and conclusions of experts. In addition to their aesthetic aspect, the visual projections are meant to help both the general public and decision-makers to better understand the challenges of this century, threats as well as hopes. The digital artistic techniques used (digital paintings aka matte paintings, commonly used in the film industry) will allow those who look at them to travel into different futures, making expert reports at the same time more palatable and powerful.

"A unique work, focused on the future of our world, bringing together personalities from all over the world, well-known and recognized by all for their commitment to the protection of our planet and the promotion of peace."

Throughout its development, many personalities have been involved in this extraordinary project, sharing their views and experiences, responding to these visions of the future, stating their warnings and in the end leaving their messages of hope to humanity. Today, with dozens of contributions from the most famous names, « Hopes » has become a real support for the vision of the world held by some of our

greatest minds: scientists, philosophers, representatives of indigenous communities, whistleblowers, former heads of state...

Between Threats and Hopes... Dealing first with the various threats to our world and requiring the mobilization of all, this book puts forward in its openly optimistic second part the concrete solutions available to us, conveying a real message of hope, imagining what a world could look like where the insurrection of consciences has revolutionized our way of thinking, placing ethics at the basis of our development. A quite plausible scenario of hope, supported by recent discoveries and by the increasingly shared desire throughout the world to rethink our way of life, to create a new vision of our societies from the crisis, where our imagination would once again feed our dreams and where these dreams, and not particular interests, would finally shape the world we will live in tomorrow.

YANNICK MONGET

Author of the book "*Hopes*"
President and founder of the Symbiom Committee

The *Hopes* project was awarded UNESCO's patronage in April 2020.



INTERNATIONAL CONTRIBUTORS

Around Yannick Monget, dozens of personalities from all over the world, men and women most often known internationally for their commitment to the protection of the environment and the preservation of peace, have joined this project, delivering through this book their personal vision of the future, their warnings in particular, but also their messages of hope for the future of humanity and our world.

H.S.H Prince ALBERT II of MONACO

Sovereign Prince of Monaco, President of the Prince Albert II of Monaco Foundation

JACQUES ARNOULD

Historien des sciences et théologien, en charge des questions éthiques au Centre National d'Etudes Spatiales français.

SANDRA BESSUDO

Biologist, oceanographer, former Minister of Environment of Colombia

GILLES BOEUF

Biologist, President of the National Museum of Natural History of Paris from 2009 to 2015.

ALLAIN BOUGRAIN-DUBOURG

French journalist, producer and director of animal programmes, and President of the LPO.

VALÉRIE CABANES

International Lawyer engaged in the defence of indigenous peoples and the recognition of the rights of nature.

CASEY CAMP-HORINEK

Representative of the Ponca Nation of Oklahoma, environmental activist and actress

JEAN-LOUP CHRETIEN

Spacefarer, the first French and Western European to have been in space.

JEAN-FRANÇOIS CLERVOY

French astronaut at the European Space Agency (ESA), veteran of three space missions with NASA.

YVES COPPENS

Paleoanthropologist, Honorary Professor at the National Museum of Natural History and the Collège de France.

JEAN-MICHEL COUSTEAU

Explorer, founder of Ocean Futures Society and president of Green Cross France. Son of Jacques-Yves Cousteau.

IAN DUNLOP

Member of the Club of Rome, President of Safe Climate Australia, Australia 21.

Shirin EBADI

Iranian judge and lawyer, Nobel Peace Prize laureate



JUAN ESPADAS

Mayor of Seville, member of the Spanish National Climate Council

RICHARD ALLEN GARRIOTT

Entrepreneur, explorer, member of the Executive Committee of Space Adventures, son of astronaut Owen K. Garriott.

JANE GOODALL

Ethologist, primatologist

MUNKHBOLOR GUNGAA

Representative of the Alliance of Nomadic Peoples of Mongolia

CLAUDIE HAIGNERE

Space scientist and former Minister of Research, first French woman to go into space.

LUC HARDY

Entrepreneur, adventurer, environmentalist

NICOLAS HULOT

Journalist, animator, producer, writer, former French Minister of the Environment

MICHEL JARRAUD

Secretary General of the World Meteorological Organization (WMO) 2004-2015.

JEAN JOUZEL

French climatologist and glaciologist, Member of the French Academy of Sciences, former vice-president of the IPCC.



TAWAKKOL KARMAN

Yemeni women's rights activist, Nobel Peace Prize laureate.



MUNDIYA KEPANGA

Papuan Chief of the Tari Region of the Paouasie-New Guinea Highlands

JEAN LEMIRE

Quebec biologist, explorer and filmmaker, honorary ambassador of the UN Green Wave.

CORINNE LEPAGE

Lawyer, former French Minister of the Environment, Honorary President of CRIIGEN.

KENNY MATEMPASH OLE MEITEI

Sage and Maasai spokesman from Kenya and Tanzania.

MICHEL MAYOR

Swiss astrophysicist, discoverer of the first extrasolar planet, Nobel Prize laureate in Physics.



RAONI METUKTIRE

Head of the Kayapo people, an international figure in the struggle to save the Amazonian forest.

NATHALIE MEUSY

Expert in Corporate Social Responsibility and Sustainable Development, European Space Agency

BERNARD NORLAIN

Air Force General, former French Air Defence Commander, committed to nuclear disarmament

HINDOU OUMAROU IBRAHIM

Spokesperson for the Peul community of Chad, an African icon in the field of environmental protection.

YVES PACCALET

French philosopher, naturalist, writer and journalist, penman of Commander Cousteau for 20 years.

JULIE PATARIN-JOSSEC

Lecturer in Sociology at the University of St. Petersburg.

BERTRAND PICCARD

Aeronaut, psychiatrist, first man to fly around the world in a balloon, initiator of the « Solar Impulse », the first solar plane.

HUBERT REEVES

Astrophysicist, stellar nucleosynthesis specialist, science popularizer, French-Canadian ecologist.

SERGUEÏ REVIN

Russian Cosmonaut, graduate of the Moscow Institute of Electronic Technology and Moscow University for the Humanities.

MATTHIEU RICARD

Buddhist monk, doctor of cell genetics, author and interpreter of the Dalai Lama

SETSUKO THURLOW

Nobel Peace Prize laureate.



ALTANSUKH TUMEE

Chief of the Zakhchin tribal community and spokesman for the nomadic peoples of the Altai Mountains

PHILIPPE VALLETTE

Oceanographer, director of the Nausicaa Sea Centre in France, he is at the origin of the "World Ocean Network" project

PAUL WATSON

Canadian anti-speciesist environmental activist, founder of the Sea Shepherd Conservation Society

JODY WILLIAMS

Teacher, human rights activist, Nobel Peace Prize laureate



REN YABUKI

Japanese photographer and actor, President of the NGO Life Investigation Agency (LIA)

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Non-exhaustive list / As the project is under development, other big names continue to join the project at the time of writing.

THE PROJECT' S SUBSTANCE

*Yannick Monget innovated by his way of sensitizing, putting side by side the future threats and hopes through realistic terrestrial and spatial images accompanied by texts of great witnesses who consolidate hope. **HOPES**, an exceptional project.*

JEAN-FRANCOIS CLERVOY

Astronaut

An essential work, a futuristic approach, but based above all on science, which brings a really different level of reflection.

JEAN LEMIRE

Quebec biologist and filmmaker, Honorary Ambassador of the UN Green Wave





First of all, discover above a first simulation of the book as an object (photo not contractual). Particular attention has been paid to its aesthetics with a view to making it a magnificent object. While the texts are not yet final, the title and the digital cover painting have already been validated and will represent our planet illuminated with a ray of light, symbolizing hope. A sober, aesthetic, symbolic visual designed to have an impact on the reader.

The format is not final, but should a priori be a landscape one, the most appropriate for fully enjoying the paintings that will be presented. The work could also come in the form of a box set containing several additional elements.

MAGNIFICENT VISUEL WORKS

At the heart of this project are of course the author's incredible visual works around which the book was created.

More than a hundred works (hyper-realistic digital paintings, also called matte paintings) will be grouped together here. A phenomenal work, carried out over nearly 7 years, each painting having been made in very high resolution, each one telling through many details its own history, a scenario on a possible future of our world (Below is a mixture of two of them, staging two radically opposed futures, between the collapse to be feared and the insurrection of consciousness advocated and hoped for).



All the paintings are, for the vast majority, totally new. They have indeed never been revealed to the public before and feature some of the most famous landscapes on our planet (and even beyond, a part being dedicated to the spatial future of humanity). They also show architectural and natural monuments in grandiose landscapes. All are aesthetically worked, with hyper realistic renderings made possible by the computer graphics technologies used.

Another novelty is the book's distance both in time and geography, since it will also be possible to discover our planet and its landscapes seen from space, thanks to a collaboration with several astronauts involved in the project. Some of them, let them be thanked for it, provided the author directly with photos taken from the International Space Station (ISS). They served as a matrix for the development of several works.

Opposite / A futuristic vision of the south of France, in the next few centuries, taking into account the progressive rise in sea level, the topography and urban planning of the Côte d'Azur. A work based on photos taken by French astronaut Thomas Pesquet.



Here are some photographs (digital paintings) of the book. All the scenarios are addressed, from the most worrying (disappearance of large primary forests, rising waters, intensification of storms and extreme climatic phenomena...) to the most positive, featuring a real insurrection of consciousness that would lead to a complete metamorphosis of our cities and living environments.

1 - Increase in violent climatic phenomena, storms, water rising and floods (like the one shown here) with large-scale cyclogenesis phenomena in the Gulf of Mexico (Cuba).

2 - Desertification and advances of some deserts such as Gobi (sandstorm, here on Beijing). It is also an opportunity to promote the little-known pharaonic projects of China, one of the world's largest tree planters, which is implementing vast reforestation programmes to combat the phenomenon.

3 - Rising waters here in Japan (With criticism of scientific whaling, threatening the species with extinction)

4 - The same phenomenon has occurred seen from the Giza plateau in Egypt, where the Mediterranean now covers the Nile Strait, letting waves lick the stone walls of the pyramids, but where the country has nevertheless managed to adapt and evolve.

5 - The twilight of the oil and fossil fuel era (with this abandoned oil station) also means the dawn of new technologies with these offshore wind turbines looming on the horizon. The crisis, all too often seen only in a negative light, also hides wonderful opportunities, such as the emergence of new resources and technologies creating jobs and wealth (clean technologies create 2 to 3 times more jobs than fossil technologies).

6 - Technological revolution, illustrated here by solar space stations immediately capturing the sun's rays in space and transferring them in the form of microwaves to the Earth.





RICH AND HIGH QUALITY INFORMATION CONTENT

While the book was built around the digital paintings described above, the fact remains that it is also extremely rich in texts, taking up more than 350 pages in A4 format (which will not be the final format). An extremely rich content, therefore, the result of a great deal of research that will allow the reader to learn more about the problems, threats and challenges that we must now face as well as the existing and implementable solutions.

Understanding the current crisis

The first objective of the book is to try to make people understand the threats and their probable impact on our societies, the mechanisms we have put in place, the runaway that is likely to occur, while at the same time offering concrete solutions that are affordable and achievable by all.

Informing yes, terrorizing no

The book "Hope" proposes to discover several of the main futures that are emerging for us, while obviously avoiding any definitive conclusions. Explaining and illustrating threats is certainly very useful for raising awareness, but objectivity and ethics require that they be complemented by images of solutions and ways out, in order to generate dreams and hope, an essential driving force for the societal and civilisational metamorphosis that we must now initiate.



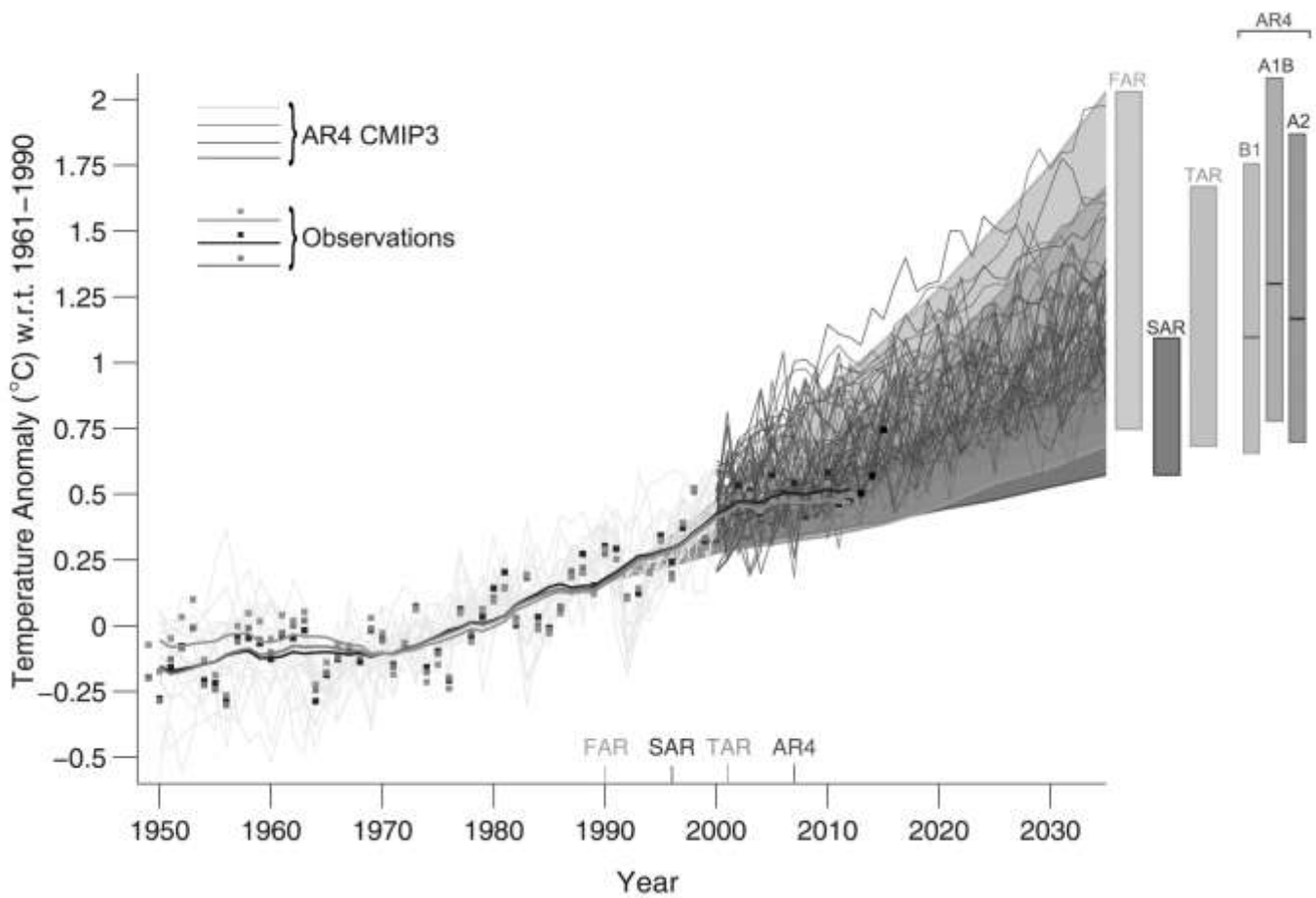
RELIABILITY OF DATA SOURCES

Many of the data presented in this exhibition are taken from the publications of the **IPCC** (Intergovernmental Panel on Climate Change), the most comprehensive, reliable and impartial sources of information available on the state of knowledge on the bioclimatic crisis, its evolution and threats.

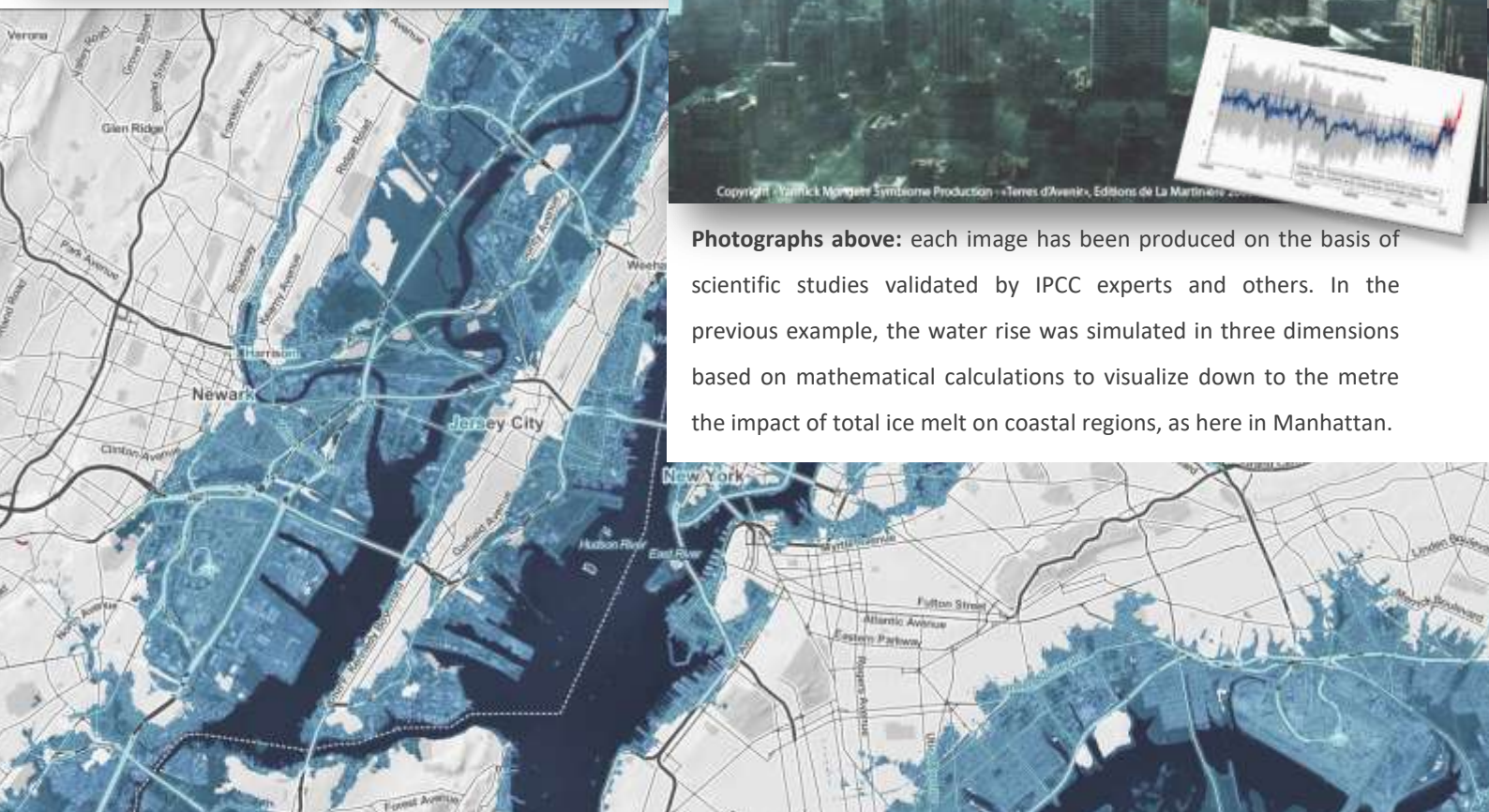
Photograph above: The United Nations houses the IPCC headquarters, whose reports data have been used to produce this exhibition / The IPCC was awarded the Nobel Peace Prize in 2007 for its work.

Several personalities involved in the IPCC have participated in the work, such as its former vice-president, French glaciologist **Jean Jouzel** and the Secretary General of the World Meteorological Organization, **Michel Jarraud**.

However, global warming is only one of many threats. To address these various threats, the work of several bodies such as **IPBES** (for issues related to biodiversity loss), **WHO** - for some contemporary pandemics - and the UN - for geopolitical tensions arising from the displacement of eco-refugees - has also been used.



Photographs above: each image has been produced on the basis of scientific studies validated by IPCC experts and others. In the previous example, the water rise was simulated in three dimensions based on mathematical calculations to visualize down to the metre the impact of total ice melt on coastal regions, as here in Manhattan.



COMMITTED CONTENT FOCUSED ON HOPE

➤ For a real insurrection of planetary consciousness

We, victims of the Titanic syndrome, sail, almighty though we feel, straight towards an iceberg field. We will probably hit some, of course, but there is room for manoeuvre to avoid the worst and we must absolutely seize this opportunity. This is the whole purpose of this approach: to inform, to awaken consciences in order to generate awareness, hope and a willingness to change, or even to commit ourselves to participate in the challenges to come, which are unprecedented for humanity.

➤ Content also committed to peace

It is obvious that the protection of our planet and the promotion of peace go hand in hand, as evidenced by the Nobel Peace Prize awarded a few years ago to the IPCC researchers. In the context of spiritual crisis and international interfaith tensions, "Hope" goes against communitarian messages by highlighting the universal and interfaith aspect of respect for nature, defended by all currents of thought and philosophies throughout the world and history. A speech already welcomed by several representatives of religious communities.

"The work presented by Yannick Monget represents the commitment that Man must assume to save the planet and humanity." Monsignor Ernesto Scirpoli, Representative of the Holy See to the United Nations.

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un grande apprezzamento per l'opera rappresentata da YANNICK MONGET che rappresenta l'impegno che l'umanità deve assumere per la salvezza del pianeta e dell'umanità.

*Ernesto Scirpoli
Rappresentante della S. Sede
presso l'ONU a Ginevra*



The exhibition thus emphasizes the positive effects the intelligent management of the crisis could have on the geopolitical, economic, social and health aspects... It is a way to lead the public to discover for instance the plains of Baghdad or the city of Jerusalem once again pacified. The Green Revolution, by promoting the energy independence of many countries, will necessarily have led to the reduction of many international geopolitical tensions linked to energy resources.

Below / A dove is symbolically perched on the barrel of an abandoned tank on an ancient battlefield in the Gulf. In the background, ruins of old oil wells embody the causes for which nations once tore each other apart.



PERSONALITIES FROM ALL OVER THE WORLD INVOLVED

As explained in the first part of this dossier, dozens of personalities from all over the world have joined this project, giving this book an additional dimension. The names previously communicated have all been validated since these personalities have already made their contribution. Other big names could be added to this first list, but are still waiting for confirmation, which is why we have chosen not to put them forward immediately.



*When I was presented the **HOPES** project, I immediately adhered to this approach, which differs from those often taken by traditional media. Its originality indeed consists in displaying positive images of our future urban or natural environment following a first phase of raising awareness to threats clearly identified by experts around the world. Yes, threats exist, but yes, hope remains of being able to avoid their effects. In his graphic projections, Yannick Monget has also made a point of living up to a high level of scientific and technological realism, not seeking sensationalism or misleading exaggeration of problems. On the contrary, the reader will find good reasons to think that solutions exist.*

Jean-François Clervoy / ESA Astronaut



AROUND THE BOOK



FAQS

Release / The book is announced for november 2020, depending on several parameters starting with the reception (still in progress) of contributions from new personalities who continue to join the project and the pandemic crisis.

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Translations / French, and English (At the minimum, for other languages could follow)

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Edition / In its original version, the book will be edited independently by Symbiom. The sales of books and partnerships will thus directly benefit the environmental projects developed by the Symbiom group.

AT THE ORIGIN

Yannick Monget is a futurist, ecologist, writer and French artist. He is the founder of the Symbiom group, and lives in Metz, France.

Founder of Symbiom / He is the founder of the **Symbiom** group as well as the namesake Committee, which he created with, among others, astronaut **Jean-François Clervoy**, academician **Jacques Rougerie**, and lawyer **Corinne Lepage**. He brings together personalities from around the world, committed to promoting peace and preserving the environment, which aims to raise awareness and inform decisionmakers about the problems related to the contemporary environmental crisis. He is also one of the ambassadors of the Universal Declaration of the Rights and Duties of Mankind, a project led by the French Presidency since 2015.

Prospectivist / Close to botanist **Jean-Marie Pelt**, it is through the work of photographer **Yann Arthus Bertrand** that he understood at the beginning of the 2000s the role that visual art, education and information can play in raising awareness on environmental issues. A prospectivist and a dedicated fan of new technologies, he decided to mix both by using digital art techniques in order to make the spectator travel virtually into hypothetical futures: staged in a strikingly realistic way, they benefit from a scientific approach adapted in particular from the work of the IPCC (Intergovernmental Panel on Climate Change). His works lay the stress on the threats as well as the hopes emerging for humanity and our planet.

Author / Novelist, and author of a photo-documentary book published by Editions de la Martinière in **Paris**, Abrams in **New York**, Gerstenberg in **Berlin**, or Ecus Publishing House in **Taiwan**, his works have illustrated many international media such as *National Geographic* or



Geo. His visual works have also been featured in major exhibitions around the world, from Metz his hometown to Vancouver, Brussels, Munich, Geneva and of course Paris, where the latest one, presented in preview at the Palais d'Iéna, was inaugurated at the Paris City Hall, Rue de Rivoli as part of the COP21 international summit.

Below / Vision of Paris entirely vegetated to fix atmospheric pollutants, to drain rainwater naturally, insulate buildings... a new Babylon, covered with gardens as far as the eye can see.



CONTACTS

For any general request for information, we invite you to contact us by email

info@symbiom.org

Official website : **www.symbiom.org**