













The last two years have been extraordinary, and humanity was put to the test. We collectively realized that our lives are interconnected as globalization transported the Covid-19 disease around the world very quickly. The scale of the pandemic is a direct consequence of international trade, with the virus spreading along established routes. Over the past decades, we neglected the dramatic impacts our commercial activities were causing to the environment. The human pressure on the biosphere explains the strong increase in epidemic outbreaks since the 20th century. Most emerging infectious diseases are indeed "zoonoses," diseases transmitted by animals to humans due to the over-penetration of humans into preserved natural spaces.

When the Covid-19 crisis began we did not have the right means to address it, both in terms of prevention and treatment. Major pandemic crises that would affect the whole planet had been predicted decades before and experts around the globe warned of their potential consequences. However, not enough was done to prepare for such threats.

The pandemic provided some perspective on the past, and we realized that while we were focused on maximizing profits, we overlooked the clear need to protect society. Therefore, we must now steer knowledge and technology toward good, especially in terms of environmental protection, to ultimately secure our well-being and that of future generations.







*FII Institute is a new global nonprofit foundation with an investment arm and one agenda: Impact on Humanity.*

Global, inclusive, and committed to Environmental, Social and Governance (ESG) principles, we foster great minds from around the world and turn ideas into real-world solutions in our five critical areas: AI and Robotics, Education, Healthcare and Sustainability. Concretely, we accompany each of the promising ideas from ideation to realization by providing the necessary support to overcome major inhibitors that would have otherwise limited the ideas' chances of becoming reality.

We are in the right place at the right time: when decision makers, investors and an engaged generation of youth come together in aspiration, energized and ready for change.



FII Institute is a global nonprofit foundation with an investment arm and one agenda: Impact on Humanity. Committed to ESG principles, the Institute fosters the brightest minds and transforms ideas into real-world solutions in five focus areas: AI and Robotics, Education, Healthcare and Sustainability. Together with our partners, we want to make an impact on each of these areas to address humanity's greatest challenges.

AI helps machines process and gain insights from large amounts of data that would be overwhelming to the human brain, identifying patterns that lead to a wider range of solutions. It can help find ways to break through technical bottlenecks to many of humanity's most pressing challenges.

In that sense, AI is a revolutionary tool that will help us address many of the key issues of the next decades, if it is used to serve humanity.



Robotics is a major tool for modernizing our societies and impacting on humanity. A key enabler of efficient, high-quality automation, robotics can, for instance, play a fundamental role in a productive zero-carbon economy. At FII Institute, we aim to actively seek out, support and leverage beneficial applications of robotics to achieve our objectives of equitable access to healthcare, education, and global food security. Meanwhile, we also seek to promote a balance between robotization and human employment; such a balance is a key element to consider for the future of humanity.

Culture, knowledge, and skills are humanity's greatest renewable resources for responding to global challenges. Education is also, and above all, a fundamental right in the Universal Declaration of Human Rights. It enables people to discover themselves, live decently, and grasp opportunities. FII Institute supports educational technologies that will help develop the next generation of innovators, entrepreneurs, and global citizens. Providing access to quality education for all, and addressing gender inequality in education, are planting the seeds of tomorrow's solutions.

With those goals in mind, we seek to find innovative ways to increase access to education and enable all people to reach their full potential, by promoting both digital tools and new pedagogical methods.

The unprecedented health crisis that the world faced in 2020 and is still facing today reminds us of the crucial importance of healthcare for the future of humanity. At FII Institute, we are disrupting the traditional healthcare and life-sciences industry by leveraging new applications of technology and research with the objective of improving access – especially in emerging markets.

We also address the spread and prevalence of communicable and non-communicable diseases. We seek to advance topics as diverse as digital health, medical devices, mobile clinics, and more. We want to make stakeholders aware that they all have a major role to play for the health of all.

Society is facing a tremendous climate challenge, and the consequences are already well observable. In this context, we are truly committed to making our contribution in securing a zero-carbon-footprint global society. To that aim, we work to support and deploy disruptive technologies to reduce greenhouse gas emissions. We also gather the best minds to find ways to make better use of resources, to promote new production, consumption, and logistics patterns - notably to build healthier and more sustainable food supply chains - and to develop alternative energy sources.

We want to increase our reach towards communities, to help them manage the effects of climate change and enhance their resilience. Sustainability is a broad theme, with multiple areas of interest for us: energy efficiency, carbon capture, new materials, etc. In each of these areas, we seek to promote the principles of ESG, and to raise awareness on climate change issues as well as on the concrete solutions to limit global warming and the loss of biodiversity.

These five priority areas are diverse but complementary in a way that is often underestimated by decision makers.





To turn ideas into real-world solutions for the benefit of humanity, we harness our energy and that of our numerous partners into three pillars – THINK, XCHANGE, ACT. Together, they make up a strong and ambitious ecosystem to curate and enable ideas to achieve our vision.

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At the intersection of human need, technological innovation and economic viability lie the answers that will shape a better world for all. Led by experts and overseen by academia, FII Institute's THINK Labs are meant to empower the world's brightest minds to identify technological solutions to the most pressing issues facing humanity. To that aim, we identify societal challenges and current inhibitors, and curate the disruptive ideas to address those issues. We do this by collaborating with high-caliber partners, building momentum towards change, and pursuing thought leadership in service of humanity.

All things are possible when thought leaders and change-makers come face to face. FII Institute's XCHANGE pillar is rooted in the need for global collaboration to create global good. Here, we build inclusive platforms for international dialogue on the future of humanity, knowledge sharing and partnership. XCHANGE brings together experts, innovators, leaders, and investors to collaborate towards change and a better future for all.

ACT is the investment arm of FII Institute. It enables us to invest directly in the technologies of the future to secure sustainable real-world solutions, by mobilizing partners and resources. Committed to ESG principles, we want to ensure that leading innovations make it out of the lab and into the market. By proactively developing pipelines in our five focus areas -AI and Robotics, Education, Healthcare and Sustainability – we identify best-of-breed start-ups vetted by our experts and invest directly in the technologies of the future.

These three pillars give us a unique blend of differentiators:

- We set new standards for doing instead of thinking alone
- We create both short-term impact and long-term platforms for change
- We solve today's issues, while shaping the future of humanity
- We nurture great ideas through active follow-up
- We drive true collaboration between partners and stakeholders

Part of our mission is the necessity to lead by example. That is why, as a responsible entity, we aim to manage our environmental and social footprints and improve our ESG performance year after year.



The years 2020 and 2021 have proved extremely challenging for humanity. We, FII Institute, are proud to have put all our efforts into bringing our expertise, our networks, and our resources together.

Since the beginning of the health crisis, we have published a series of reports to provide insight into the global issues raised by Covid-19. We have succeeded in bringing together leading experts from around the world to share their thoughts on the impact of the pandemic on society, its origins, and its consequences.

As the world gradually emerges from this pandemic, we have decided to continue publishing reports related to sustainability and other critical issues with which humanity will have to deal in the next century.

While the Covid-19 crisis was still in full swing, we launched the report series Impact. The first edition focused on healthcare and the second on sustainability.

Our first report on healthcare was published in May 2020. Its objective was to draw the first lessons from the health crisis but also to start making projections for the future. The testimonies of various experts from the World Health Organization, the UN, Metabiota and the International Vaccine Institute that we collected gave us a better global understanding of the pandemic. We first tried to make a synthesis of the different epidemics to which humanity had already been exposed. Then, we conducted a first reflection on the technologies and vaccines that would enable us to fight against the current and future crises.

For the second report, published in August 2020, we decided to focus on sustainability, a major issue for many years and even more so with the Covid-19 crisis. After several months of the pandemic, we wanted to anticipate the ruptures of 2020 and study the lessons learned from the forced stoppage of most human activities on Earth. With the help of many experts and intellectuals such as Jacques Attali or Jane Goodall, we underlined the necessary changes in our lifestyles, work models, and ways of relating to the environment.

During summer 2021, we launched the Spotlight series, a series of reports on very specific issues related to health or sustainability. These reports are first and foremost a way for us to alert political and economic elites of the urgency of these issues. Our reports also enable us to synthesize the thoughts of the many experts with whom we collaborate and thus provide ideas to the leaders of today and tomorrow. The Covid-19 crisis has pushed us to rethink our lifestyles and we want to be actors of this change.

In our three reports, on deforestation, sustainable agriculture, and medical supply chains, we have intended adopted a scientific approach. We began by looking at the causes of the problems encountered in each of these areas, for example the growing need for food in the case of deforestation and agriculture. This enabled us to define the starting point in each sector before establishing a list of recommendations for the future.

In addition to the annual Future of Investment Initiative events, we launched the FII Institute Series in April 2020 to create a platform of experts from around the world to discuss and debate the issues facing humanity.

Our first conference, "Beyond the crisis: Technology to the rescue", was one of the first large-scale online events held amid the first lockdown. When we launched this virtual conference series, we had understood that humanity had reached a turning point and that this type of event would soon become the norm.

We chose to address the theme of innovation to show the opportunities that this health crisis could bring forth. Covid-19 has accelerated research in many areas over the years, both in healthcare and in the creation of sustainable systems. Our event was an opportunity to bring together the scientific, political and economic elites to think about a global framework for innovation.

Only one month after the beginning of the crisis, we gathered online for this first event, with more than 2,000 people from nearly 100 countries and 70 different industries.

Held in June 2020, the second edition of the FII Institute Series, entitled "Don't Forget our Planet", was a continuation of the previous conference.

Innovation and technology are essential for our future, but it is also important to define the framework in which they will be used. The Covid-19 crisis has triggered a rupture in our way of life and particularly in our relationship with the living world. This conference was an opportunity to bring together political and industrial leaders from around the world to rethink the relationship between the public and private sectors, and the essential role they will play in the future of humanity. We need to seize the current momentum to build a global ecological awareness.

The third part of the FII Institute Series focused on the contribution of Environmental, Social, and Governance (ESG) to the building of a sustainable world. In this online event, over 2,000 participants registered from more than 120 countries, and 77 industries. FII Institute and its partners made a call to impact, based on the following narrative:

Markets need to tackle "greenwashing" and opaque ESG ratings by building rigorous frameworks. At the same time, ESG should incentivize equitable and inclusive social and environmental change, without penalizing disproportionately companies in emerging markets. Indeed, ESG criteria are now a pillar of the corporate green transition. However, these standards cannot be the same in developed countries as they are in emerging countries, which do not start at the same level of technology to comply with international conventions, and which operate in markets that do not systematically comply with developed markets best practices. In this context, institutional and retail investors, corporations, stock exchanges and governments have more power than ever to influence capital allocation dynamics, and they should exercise that power responsibly.

At FII Institute, we strongly believe that building a sustainable world requires us to be inclusive. By gathering representatives from developed and emerging countries, we wanted to create a dialogue to launch a new roadmap for ESG standards that will be fair to all.

In September 2021, on the margins of the 76th United Nations General Assembly, we took advantage of the meeting of world leaders to host a fourth conference dedicated to the future of healthcare.

The crisis has revealed the fragility of the healthcare sector but also the courage and ingenuity of caregivers and researchers around the world. However, the speakers at the event - heads of governments, scientists, and CEOs - have underlined the healthcare inequalities that have been accentuated by the crisis between developed and emerging countries. It is time to rethink international relations and to accelerate cooperation between Northern and Southern countries, starting with vaccines.

In 2021, we invested in four promising startups developing innovative solutions to various challenges:

- Interstellar Lab, a space technology company designing closed-loop biodomes for sustaining life on Earth, the moon, and Mars;
- Lilium, an electric-powered aircraft reducing the carbon impact of regional travel;
- Red Sea Farms, agtech making it possible to grow food using sun and saltwater in challenging desert climates; and
- AZmed, a medical technology company that develops AI-enabled diagnostic applications for medical images.

All of these projects represent globally relevant innovations that FII Institute is championing by investing in critical areas. We are eager to support many types of innovation that can make an Impact on Humanity.







*“As multiple sectors witness a renaissance, what are the investments that will create the greatest benefits for humanity?”*  
*This was the core discussion of this 5th anniversary of FII under the theme “Invest in Humanity.”*

The 5th anniversary of FII comes amid a still present global pandemic that took and threatened the lives of millions of people everywhere on the planet and widened global inequalities. While it unleashed new sources of wealth and economic growth for some, the Covid-19 crisis also brought unprecedented health, social and economic challenges, that affected disproportionately the most vulnerable – women, youth, the poorest households, etc. This crisis has also revealed once again the interconnectedness of people and of countries, and that viruses know no bounds. In that sense, it has shown the vital importance of maintaining dialogue and solidarity among people, companies, and countries, from every continent. An incredible number of citizens rose to this global threat, to mobilize resources, coordinate actions, innovate, and prepare a better, healthier, and more sustainable future for humanity.

It is in this context that the 5th anniversary of FII was held. We gathered global leaders, researchers, businessmen and women, entrepreneurs, thinkers, policymakers, to reflect on ways to leverage the transformations of the past year and a half to ensure progress, prosperity and opportunity for all. Together, we participated in shaping a prosperous, sustainable future for humanity.

More than ever, humanity needs investment to support innovation, solidarity, exchange. As Dr. Mel Spigelman, President and CEO of TB Alliance, United States, said during the Health is Wealth event:

□This statement is true for health challenges, but we also need it □investment□ to fight global warming, and to ensure that opportunities are available to all. It is also high time to rethink our ways of producing and consuming – the current crisis gives us the opportunity to recover better, in a more inclusive and sustainable way. □

The path may be complicated, but we, FII Institute, believe that with will and determination, it is reachable.





*FII would not be what it is without the whole community around and within it. We would like to thank all the People of FII Institute for their unconditional support and the value they add in the achievement of our common goal: Impact on Humanity.*

To achieve its mission, FII Institute can rely on the extensive experience from its Board of Trustees. FII Institute's trustees are people with diverse expertise capable of understanding the challenges of tomorrow and their solutions. We have brought together leaders from the economic, political, and scientific worlds to have a global vision of the issues of our time.

Governor of the Public Investment Fund since 2015, and chairman of Saudi Aramco. His Excellency has also been serving as Advisor to the General Secretariat of the Cabinet of Ministers since 2016. He holds key positions on the boards of several major companies, such as Uber Technologies Inc., SoftBank Group, or ARM Limited respectively. In total, his experience encompasses over 25 years working in Saudi Arabia's most prominent financial institutions, such as the Saudi Hollandi Bank, the Capital Market Authority, Saudi Fransi Capital, and the Saudi Stock Exchange, in which he held important positions.

Member of the House of Saud, and Saudi Arabian Ambassador to the United States since 2019. Prior to that, she led a career in luxury companies and was CEO of Alfa International Company Limited from 2007 to 2015, a multi-brand luxury retail company. She is a major advocate for human rights and acts for the empowerment of women in Saudi Arabia, notably through Alf Khair, a social enterprise that she founded in 2013 to elevate the professional capital of Saudi women through a curriculum enabling financial self-sufficiency. She is also a member of the International Olympic Committee, and among many other roles, she is a Board member of the Foreign Investment Initiative.

Italian Senator for Florence and former Prime Minister of Italy from 2014 to 2016. A major political figure of Italy since 2004, he was the youngest prime minister in the history of Italy. He led the European council with the Italian presidency in 2014, and participated to numerous international meetings including three editions of the G20 – Australia, Turkey, China – and three editions of the G7. Renzi is also the author of numerous publications and of a television series on the cultural, financial, and artistic beauty of Florence, and a teacher at Stanford University since 2017.



Global entrepreneur at the forefront of global real estate for more than 20 years. Mohamed Al Abbar is now Founder & Managing Director of EMAAR properties, an Emirati real estate multinational with an unmatched track record. He also founded noon.com, a Middle East online marketplace, and is Chairman of the Restaurants & Foods company, Americana Group.

Greek American physician and entrepreneur, Peter H. Diamandis is the Founder of the XPRIZE Foundation, which leads the world in designing and operating large-scale incentive competitions, and the executive founder of Singularity University, a graduate-level Silicon Valley Institution. He wrote several bestsellers, such as *Abundance: The Future Is Better Than You Think* and *BOLD: How To Go Big, Create Wealth, and Impact the World*. As an entrepreneur, he also started more than 20 companies in the areas of longevity, space, venture capital, and education. He is notably cofounder of BOLD Capital, a venture fund investing in exponential technologies, and co-founder and Vice Chairman of Celularity, Inc., a cellular therapeutics company. For all these successes, he was recently named by Fortune as one of the "World's 50 Greatest Leaders".

Chinese American mathematician, he serves as the President of King Abdullah University of Science and Technology (KAUST) since 2018, after nearly a decade as president of the Hong Kong University of Science and Technology (HKUST). AT KAUST, he led a strategic planning process to lead the University into its second decade, with a 50% growth in the number of students. He has also remarkably expanded KAUST's research emphasis to include digital and health, notably AI and Smart Health. He is an elected member of the US National Academy of Engineering.

Scholar, investor, and entrepreneur, she is currently professor of Pharmaceutical Chemistry and Director of the Center for Excellence in Nanomedicine and Engineering at the University of California (UCSD). For the numerous honors and awards that she has received, such as the NIH director's new innovator award in 2009, and the dozen of international patents she holds, Professor Adah Almutairi is one of Forbes top ten most influential female Engineers.

CEO of FII Institute and CEO & Founder of Richard Attias & Associates (RA&A). He has built an impressive reputation for advising international leaders and corporations on the building of their global influence and strategic communications. Among the 2,000 events and leading platforms that he has developed and produced across the globe are notably: Future Investment Initiative World Economic Forum Annual Meeting at Davos, the Nobel Laureates Conferences, The African Cup, and One Planet Summit. Prior to founding RA&A, he spent ten years at Publicis Group and served between 1995 and 2008 as Executive producer of the Davos Forum.

FII Institute's work is the fruit of collaborations and partnerships with economic and political leaders, experts and academics from around the world. Our partners help us think and design what tomorrow's world will look like. Our objective is to create exchanges between different collaborators to find innovative solutions to the economic, social and environmental challenges of today and tomorrow.





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