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The Museum of the Future – which is unlike anything the world has ever seen before – opened its doors in the city of Dubai today, marking the opening of a uniquely designed space dedicated to understanding and improving the future.

The Museum pushes the boundaries of architecture and engineering and has received global accolades due to its unique architectural design which was driven by computer-aided engineering and AI. It is a 253-foot-high design constructed without the use of any columns, created entirely of curved structures. Its facade is made of cutting-edge glass panels that optimize light availability together with thermal insulation, cut precisely using robotic arms. You can find photos, videos and sketches of the iconic museum and its exhibitions [here](please credit all photos to the Dubai Future Foundation).

The new Museum, created by the Dubai Future Foundation (DFF), Dubai’s technology incubator and think tank, completely undoes the concept of a traditional museum as a static display of historical artefacts, and instead acts as a global center for futurism and inspiration, offering a series of experiential displays for the general public to visit and be inspired by different aspects of future thinking. The exhibitions include a display of humanity’s home in space, an immersive digital rainforest ecosystem and a display of 50 prototypes and current products focusing on five areas, including waste management, environment, food security, agriculture and irrigation, and city planning.

For more information, I’ve included a press release below.

If you’re interested, I’d be more than happy to arrange interviews with the architect behind the design of the building and/or the CEO of the Dubai Future Foundation.

Thank you,
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**Museum of the Future Launches in Dubai**

Dubbed ‘the most beautiful building in the world’; unique architectural feat of computer aided design to act as a global centre for futurism

Museum to showcase technology, innovation and creative solutions to future challenges for society and the planet

EMBARGOED to 22 February 2022, 19:00 GST / 15:00 GMT


Dubbed ‘The Most Beautiful Building in the World’ and developed by the Dubai Future Foundation, the Museum turns the traditional concept of a museum, as a static display of historical artefacts, on its head. The Museum instead serves as a testbed for new concepts, ideas, visions and innovations that will transform our lives,
improve society and benefit the world. It reflects the rapidly evolving intellectual environment in topics such as science, artificial intelligence, space exploration, climate adaptation, urban life and mobility, and will incorporate new thinking, the latest research findings and emerging capabilities in these areas.

“The Museum of the Future is a ‘living museum’, constantly adapting and metamorphosing as its very environment drives continual and iterative change to its exhibits and attractions,” said Mohammed Al Gergawi, UAE Minister for Cabinet Affairs and Chairman of the Dubai Future Foundation. “The Museum brings together futurists, thinkers, innovators and the public in a testbed of ideas that define the world of the future and shape the way we interact with our world to come.”

The Museum of the Future will contribute to creating a deep and extensive global intellectual movement dedicated to exploring and foreseeing future changes in the fields of innovation, science, economic and cultural development in the service of humanity. As a global centre for the development of futuristic thinking, it will connect thinkers, specialists and experts from all over the world by hosting ongoing forums, research and knowledge sessions throughout the year. The Museum will also disseminate knowledge and research and highlight the most important technological changes, new scientific discoveries and emerging trends.

Al Gergawi said, “This is the most beautiful building on earth. It is beautiful because of its design, it is beautiful because of its message and it is beautiful because of its purpose. We believe that the next 50 years will contain as many new challenges and opportunities, as much change, as the last 500 years – and more. This is the global hub where the world can share visions for that change to come.”

Designed by architect Shaun Killa of Killa Design, the building was conceived as an architectural and cultural icon, and is a remarkable feat of computer-aided design and engineering. Its parametric design, created through an algorithmic design process that supports complex geometries, and innovative use of Building Information Modelling (Bim), a three-dimensional model-based design technology, have resulted in a 77-metre high toroidal structure that is implemented without using a single column.

The facade of the Museum extends over an area of 17,600 square metres. Made of stainless steel, consisting of 1024 pieces of art manufactured using robots uniquely able to create the demanding shapes, the façade alone was constructed over a period of 18 months, and comprises a complex assembly of four-layer composite material panels each requiring over 16 process steps. It is illuminated by 14,000 meters of light lines, tracing Arabic calligraphy representing three quotes on the future by His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai. The 1024 panels were selected to represent a kilobyte, or 1024 characters.

The three quotations inscribed on the building in Arabic calligraphy are: “We may not live for hundreds of years, but the products of our creativity can leave a legacy long after we are gone” and “The future belongs to those who can imagine it, design it, and execute it. It isn’t something you await, but rather create” and “Innovation is not an intellectual luxury. It is the secret behind the evolution and rejuvenation of nations and peoples”

The Museum of the Future is fed with 4,000 megawatt-hours per year of solar power generated by a dedicated solar park and meets the highest global standards of sustainability.

At the core of the Museum is its multi-use hall, which can accommodate more than 1,000 people, as well as a a special hall for interactive lectures and workshops that can accommodate more than 345 people. The Museum also includes innovation laboratories for health, education, smart cities, energy and transportation, a permanent exhibition of future innovations and laboratories to generate and test ideas, especially in developmental areas related to the challenges facing society.
The Museum incorporates a platform for displaying and testing innovations from some of the world’s leading technology and innovation leaders and entrepreneurs, a place for partnerships with major universities and international research institutes, advanced research courses on the latest findings in human sciences as well as specialized workshops.

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The Museum contains a series of experiential displays for the general public to visit and be inspired by different aspects of future thinking. Situated across five levels of the seven-story building, they comprise, from the top down, OSS Hope; the Heal Institute; Al Waha and Future Heroes.

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Photos, videos, and sketches of the museum and its exhibitions > here. (Credit photos to the Dubai Future
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If you’re interested, I’d be more than happy to connect you with the award-winning architect behind the design of the building, Shaun Killa. We are also happy to connect you to a spokesperson from Autodesk, a global leader in design technology and software, that provided technology capabilities to the team that designed and built the Museum.

Thank you,

NAME
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SL: BREAKING: New Futuristic Museum Designed Using AI & Robots
BREAKING: New Futuristic Museum Designed Using AI Reinforces UAE as Tech & Innovation Hub

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The Museum was created by the Dubai Future Foundation (DFF), Dubai’s technology incubator and think tank. DFF aims to research, develop and invest in new industries, entrepreneurs and platforms that will drive business and social development in the future. It focuses on long-term issues and solutions, exploring how to improve life decades from now.

If you’re interested, I’d be happy to connect you with Khalfan Belhoul, CEO of DFF to talk about the following topics and others:

- How the Museum fits into the United Arab Emirates’ plan to be a hub for technology, innovation and capabilities that solve future challenges
- The goal of the Museum as a ‘living museum’, reflecting the rapidly evolving intellectual environment in topics such as science, AI, space exploration, climate adaptation and mobility.
- DFF’s work to support accelerator programs, labs and knowledge platforms, such as its future tech incubator, Area 2071, and its regulatory sandbox for emerging tech, RegLab
- New research by DFF on ‘The Global 50’, the 50 transformational technologies and initiatives that will improve lives, from sustainable food systems, to reinventing manufacturing, to international climate visas for climate-vulnerable people

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Please let me know if you’re interested in speaking with Khalfan.

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