



# The Museum Of The Future

Dubai, March 2021

## THE MUSEUM OF THE FUTURE

Client Name Title of the presentation



These are the words of of H.H. Sheikh Mohammed bin Rashid Al Maktoum – Vice President, Prime Minister of the UAE and Ruler of Dubai – engraved on the exterior of the building.





## THE MUSEUM OF THE FUTURE

# The concept

Located in the heart of **Dubai's financial district**, the Museum of the Future consists of three main elements: a green hill, the building, and the void.

- The **green hill** represents the earth, with its roots in place, time and history.
- The **building**, rising above the hill and the subway line, represents humankind, with its strength and ability to create harmony with its surroundings. It is underscored by the bold form that proudly emerges from the hill, showing mankind's passion for art and creating.
- The **elliptical void** within the structure represents innovation. This empty space shows the unwritten future that humanity can symbolically look towards. A call to action that can guide today's creators.

## THE MUSEUM OF THE FUTURE

# The structure

The 77-metre-high building was designed by Killa Designs and consulted by British firm BuroHappold Engineering.

Such a state-of-the-art structure required the use of **ground-breaking construction and design systems** for the industry. Parametric design and Building Information Modeling (BIM) were used: a process based on algorithmic thinking, which allows the manipulation of specific variables or parameters to alter the outcome of an equation. BIM is a technology based on three-dimensional models that enables building professionals to collaboratively design and document projects.

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# The structure

From the beginning, it was determined that the Museum of the Future would aim for a **LEED Platinum rating** (voluntary certification on building sustainability).

The building will feature advanced building control solutions, gray water recycling systems and regenerative elevators, while its energy needs will be met through solar photovoltaic panels located off-site. Visitors will be able to charge their electric vehicles while visiting the museum, and the number of parking spaces is limited to encourage the use of public transportation.



# World Government Summit

In past years a "pop-up" version of the museum was present during the important World Government Summit conference. Each year a different theme was presented (climate emergency, AI impact on daily life, robotics etc.) to **raise awareness** among governments attending the conference.

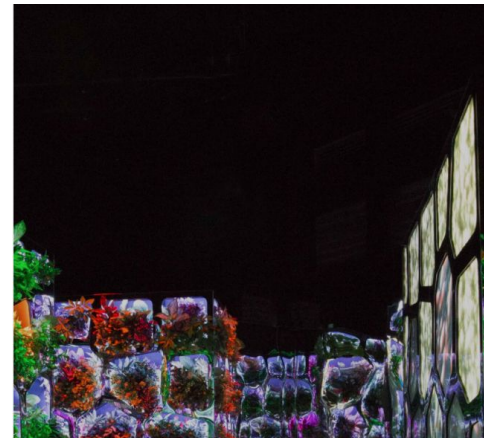


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HUMANS 2.0  
2019



Hi I am AI  
2018



Climate Change  
Reimagined: Dubai 2050  
2017



Machinic Life  
2016



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