

# Museum of the Future Dubai: Shaping Tomorrow Today



# What is the Future Museum?

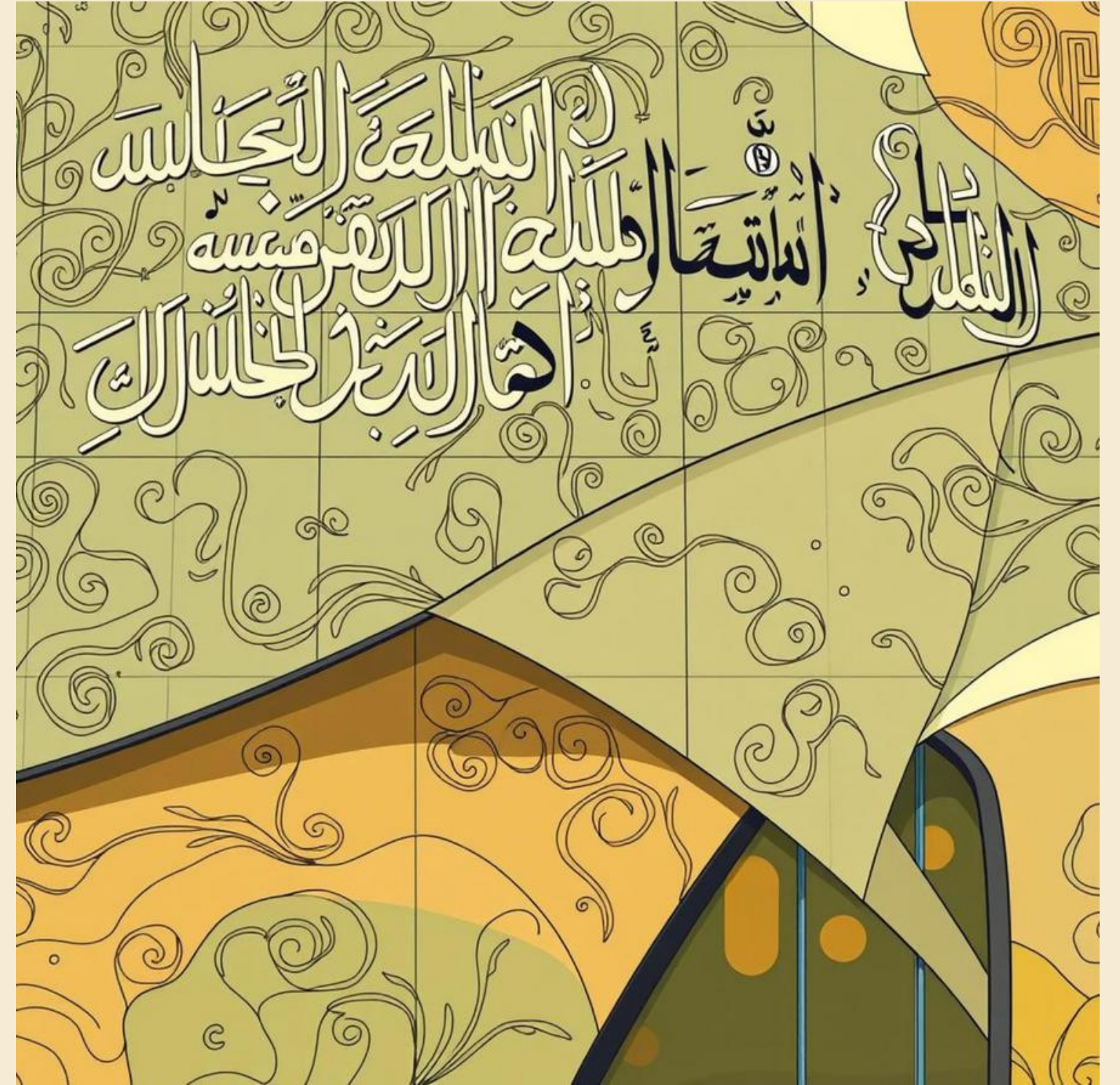
The Museum of the Future Dubai is a living museum dedicated to innovation, technology, and exploring humanity's future. Opened in February 2022, it serves as a global hub for inventors, entrepreneurs, and visionaries.



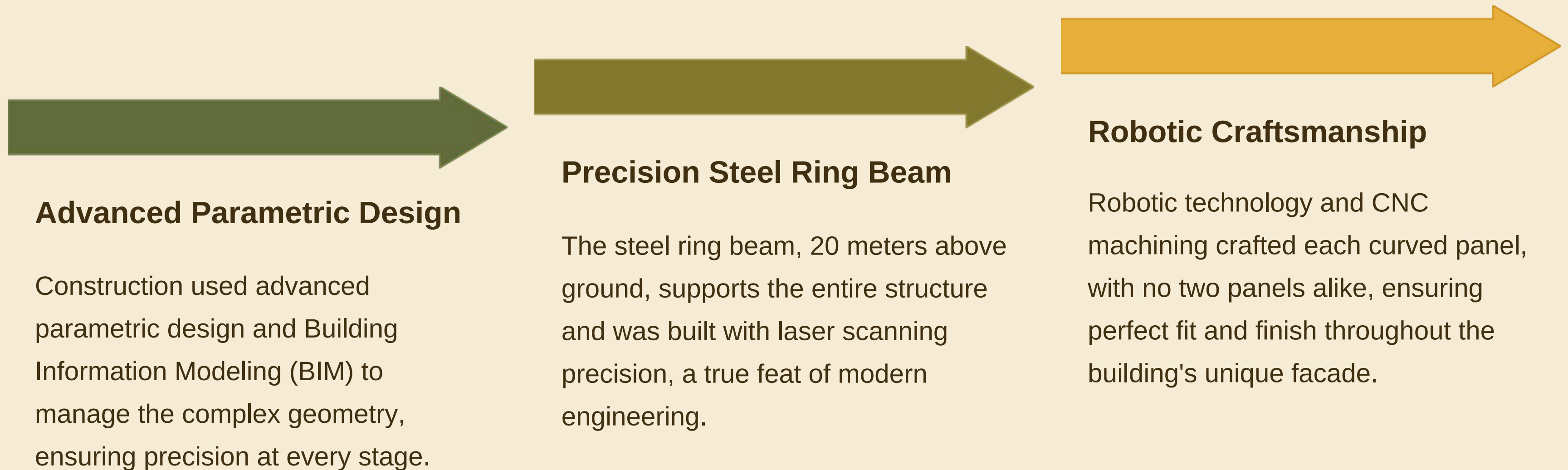
# Iconic Architecture: A Torus of Innovation

Designed by Shaun Killa of Killa Design, the museum's shape is a vertical torus (ring) with a hollow center representing the unknown future. The facade features 1,024 unique stainless steel panels with Arabic calligraphy quoting HH Sheikh Mohammed bin Rashid Al Maktoum's vision.

The building rises 78 meters and is supported by a complex steel diagrid structure, ingeniously defying traditional column support and setting new architectural benchmarks.



# Engineering Marvel: Building the Future Museum Dubai



# Sustainability at the Core

- The [Museum of the Future Dubai](#) achieved LEED Platinum certification, reflecting its deep commitment to environmental responsibility.
- Powered by 4,000 megawatts of solar energy, it incorporates energy-saving systems reducing water use by 45% and energy consumption by 25%.

The stainless steel facade acts as a structural envelope, providing airtightness and waterproofing without traditional curtain walls, demonstrating innovative sustainable design.



# Immersive Experiences Inside the Future Museum

## Thematic Journeys

Visitors journey through five thematic chapters, exploring everything from space exploration and biodiversity to mind-body calibration and emerging technologies.

## OSS H.O.P.E. Simulation

Highlights include OSS H.O.P.E., a highly realistic space station simulation set in 2071, projected on a massive 110-megapixel curved screen.

## Interactive Engagement

Interactive exhibits utilize augmented reality, AI, and big data to deeply engage visitors in envisioning and shaping humanity's collective future.

# The Visionaries Behind the Museum of the Future Dubai

**HH Sheikh Mohammed bin Rashid Al Maktoum**

Initiated the visionary project, steering Dubai's ambition to be a global leader in future innovation.

**Tobias Bauly & Buro Happold**

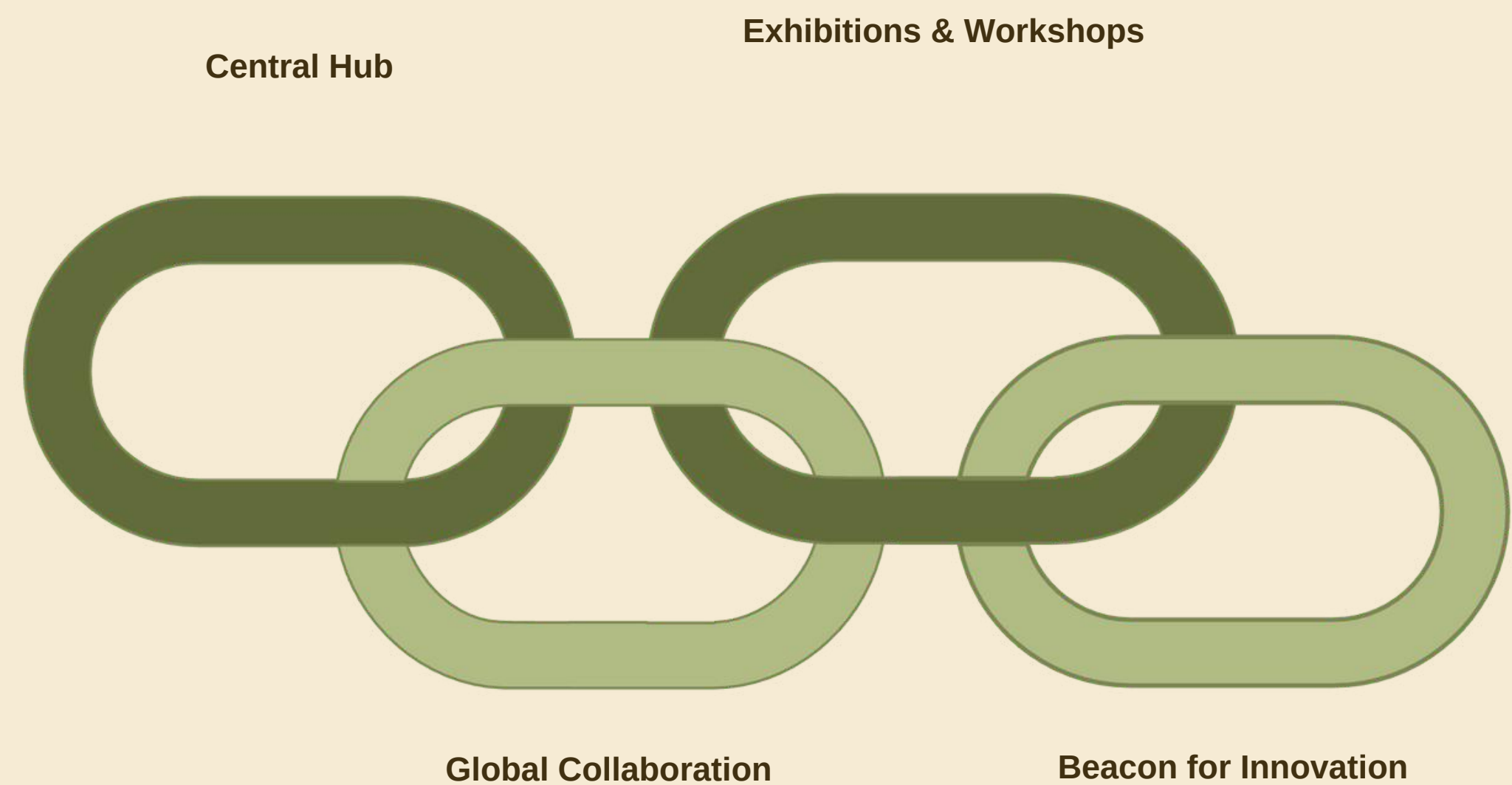
Project director and structural engineers who pioneered digital modeling and sustainable design methods.

**Shaun Killa**

The architect whose passion and innovative spirit brought the unconventional, iconic design to life.

This collaborative effort blended art, culture, and technology to create an unprecedented landmark.

# Museum of the Future Dubai: A Catalyst for Innovation



The museum is more than a building; it's a dynamic platform for global collaboration on critical future challenges like climate change and technological ethics. It regularly hosts cutting-edge exhibitions, workshops, and forums that connect leading scientists, artists, and policymakers.

# Impact and Legacy

## Millions

### Visitors Attracted

Since opening, the [Museum of the Future Dubai](#) has attracted millions of visitors and significant international attention, establishing itself as a global landmark.

### Inspiring Generations

It serves as a powerful inspiration for a new generation to imagine and actively create innovative solutions for a more sustainable and inclusive future for all.

### Setting New Benchmarks

The museum's groundbreaking design and ambitious mission have set new global benchmarks in architecture, technological integration, and cultural leadership.

# The Future Starts Here: Join the Journey

The [Museum of the Future Dubai](#) invites everyone to explore, innovate, and participate in shaping tomorrow's world. It's a space where imagination meets reality, continually evolving to reflect new possibilities.

