



PORTFOLIO - 2026

# Model Making Using 3D Printing Technologies

## CONFIDENTIAL

Due to the confidential nature of the information contained within this presentation, the following slides are marked as confidential. Please ensure that this presentation is shared only with authorized personnel and treated with the utmost discretion. Thank you for your cooperation.

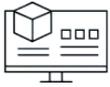


## About Us

**Most Reliable 3D Printing Services,  
All the time.**

The fastest growing 3D Printing Service provider in the UAE. Catering across a wide range of industries with affordable and accessible manufacturing & prototyping solutions. Committed to delivering top-notch & high-end quality manufacturing services.

## Our Services



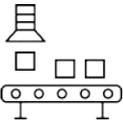
3D Designing



3D Printing



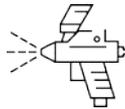
3D Scanning



3D Designing



Robotic Arm



Pain & Finishing

**250+**  
3d Printers

**50+**  
Team Members

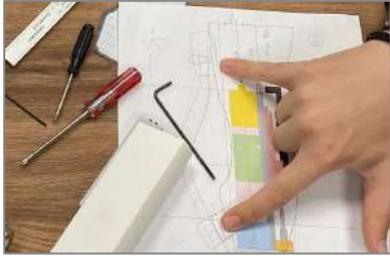
**30K+**  
Parts per month

2026

[www.proto21.ae](http://www.proto21.ae)

# Our Process

Our end-to-end manufacturing workflow combines expert design with advanced 3D printing to deliver high quality results from concept to final delivery.



**Technical Sales**



**3D Design / File Preparation**



**Material & Technology Selection**



**3D Printing & Production**



**Final Delivery**



**Quality Control**



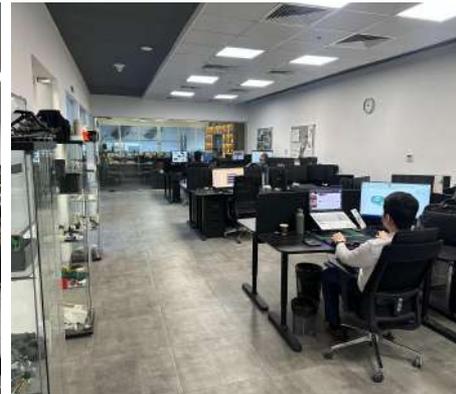
**Paint & Finishing**



**Post-Processing**

# Our Facility

Our facility features an environment equipped with the latest industrial 3D printing technologies and post-processing infrastructure.



# Global Reach

 Germany Office

**300+ Projects**

Completed successfully around the globe

We have worked with clients headquartered in

**25+ Countries**

 UAE Office



of our projects are in UAE



projects delivered outside UAE

# Manufacturing Technologies

We utilize a diverse range of additive manufacturing units including Largest 3d printing FDM farm, SLA, MJF and LfAM 3D printing technologies.



Fused Deposition Modeling (FDM)



Stereolithography (SLA)



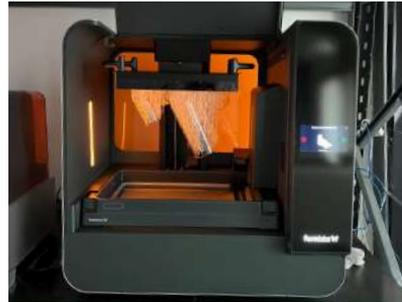
Multi Jet Fusion (MJF)



Robotic Arm (LFAM)



WASP



SLA Formlabs



Laser Cutting



Printing

# Materials

Materials includes high-performance polymers, resins, and engineering-grade composites designed for durability and precision.



HP PA12 (Nylon)



PLA



ABS



ASA



PETG



TPU



Tough Resin



Transparent Resin

# ISO Certifications

Our commitment to excellence is backed by ISO-certified quality management systems, ensuring global standards for safety, reliability, and process control.



# Packaging & Logistics

Every component is securely handled and professionally packaged to ensure safe, on-time delivery through our integrated global logistics network.



Flight Cases



Wooden Pallets



Logistics Crate Boxes



Foam Lining



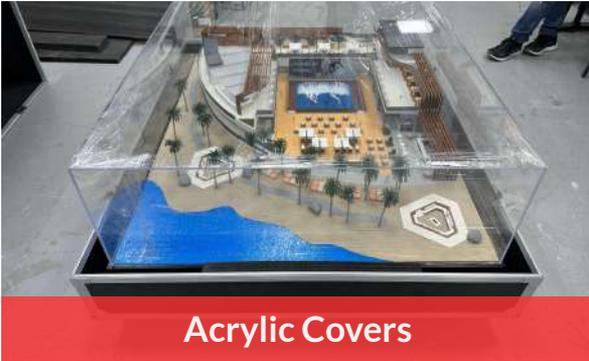
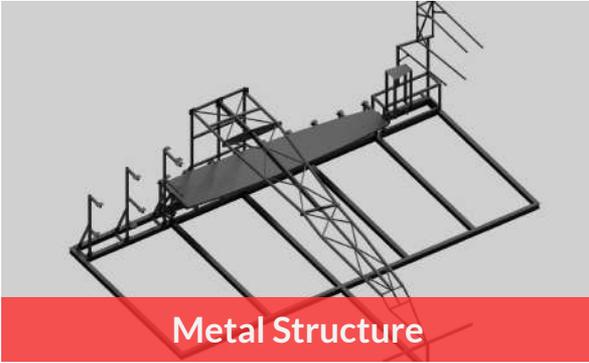
Leather Boxes



International Shipping

# Display Accessories

Elevating the final products with our custom designed display solutions, including metal structures, podiums, lighting, wooden bases and protective cases tailored for professional presentation.





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Scale Models

*Architecture*











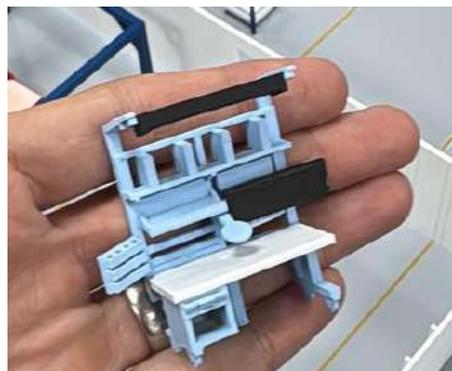




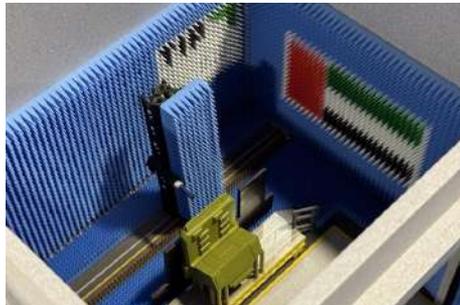
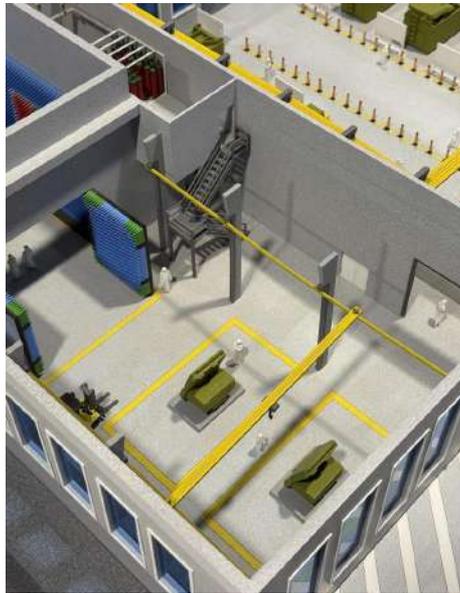


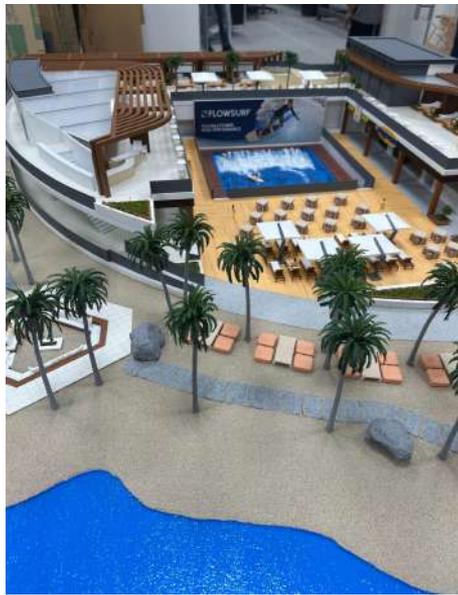










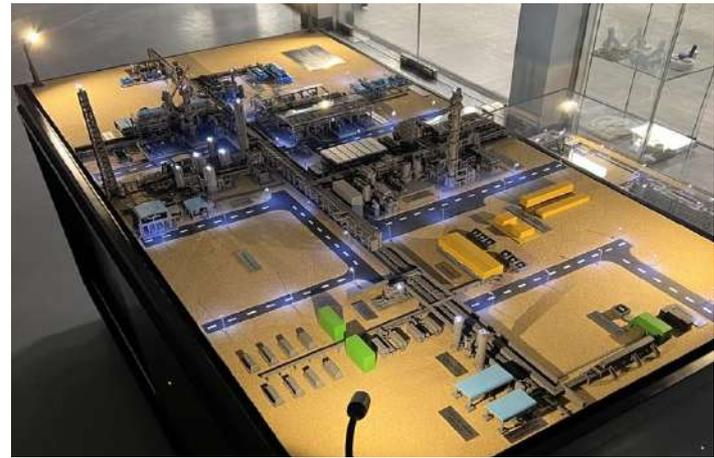


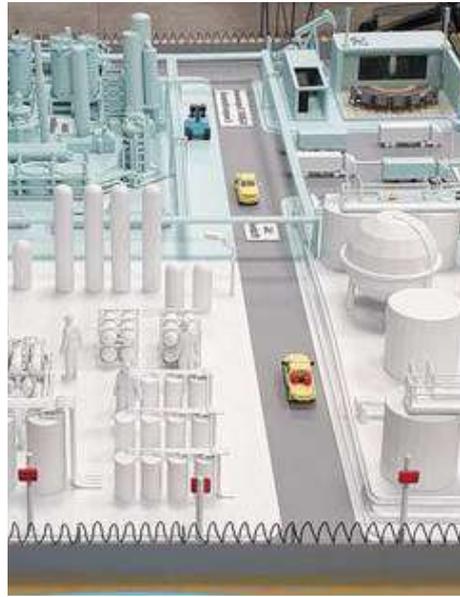
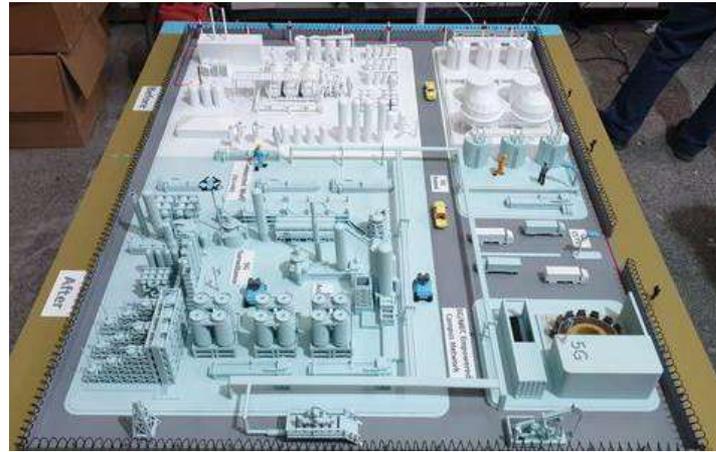


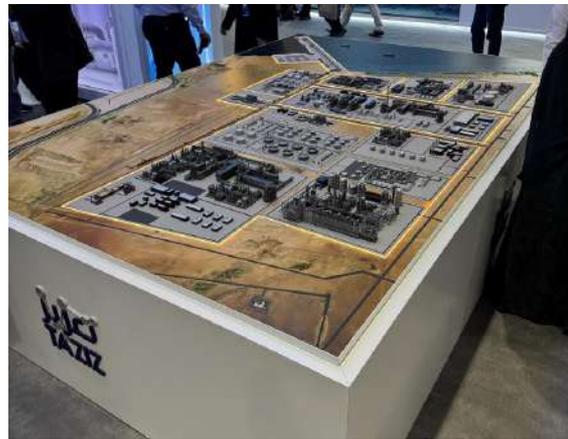
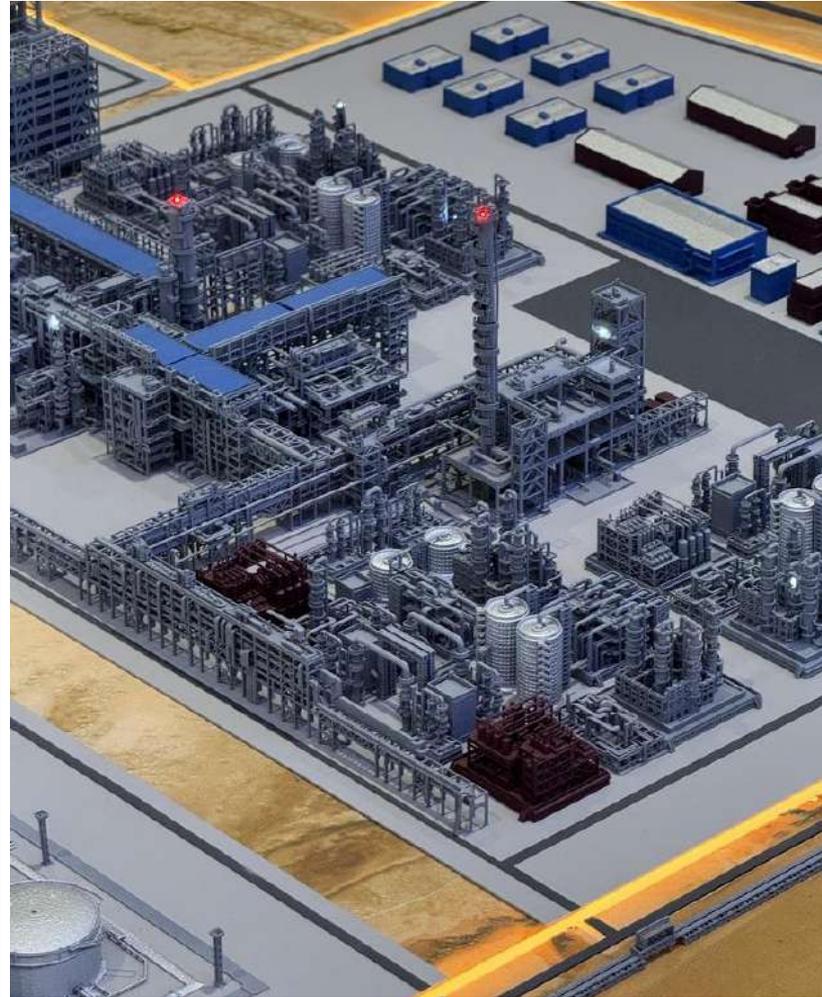
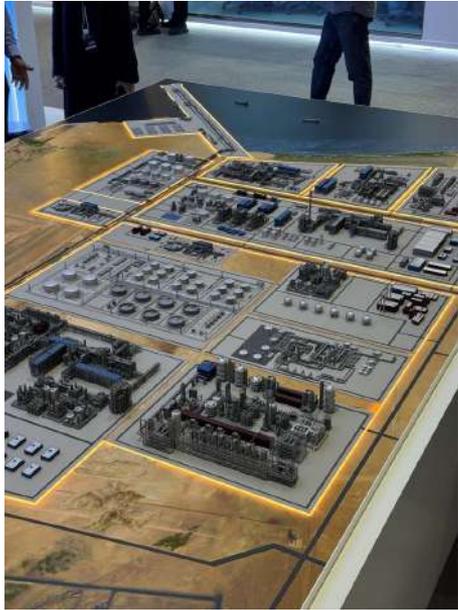
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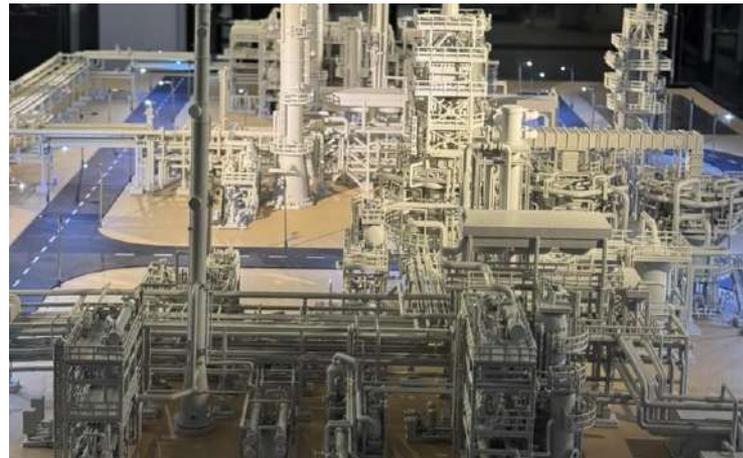
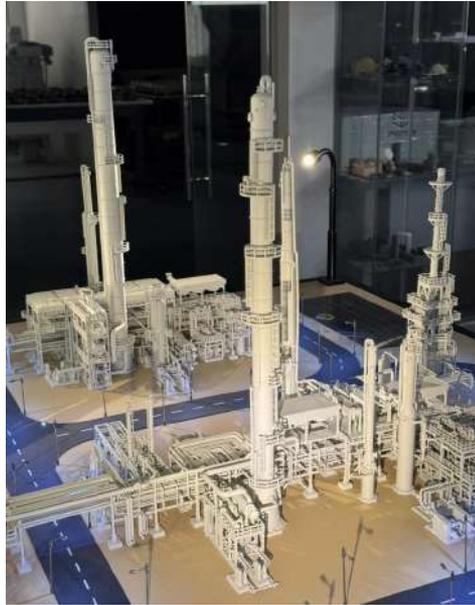
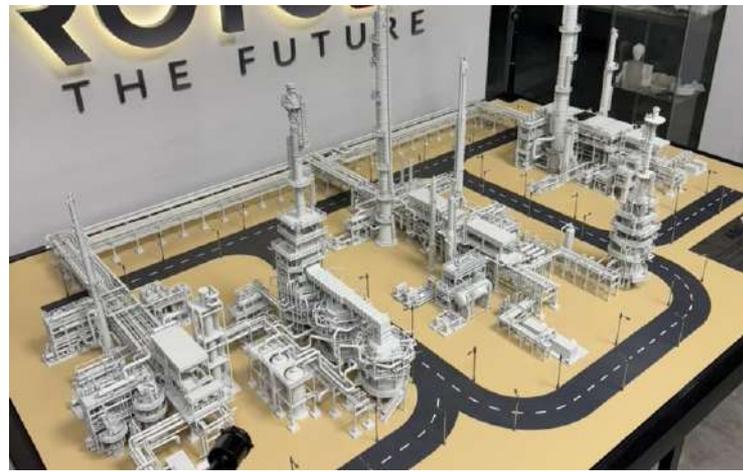
# Scale models of *Oil and Gas*





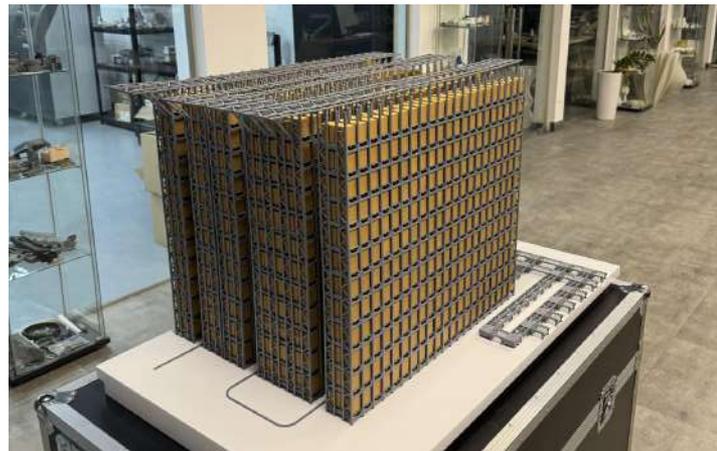
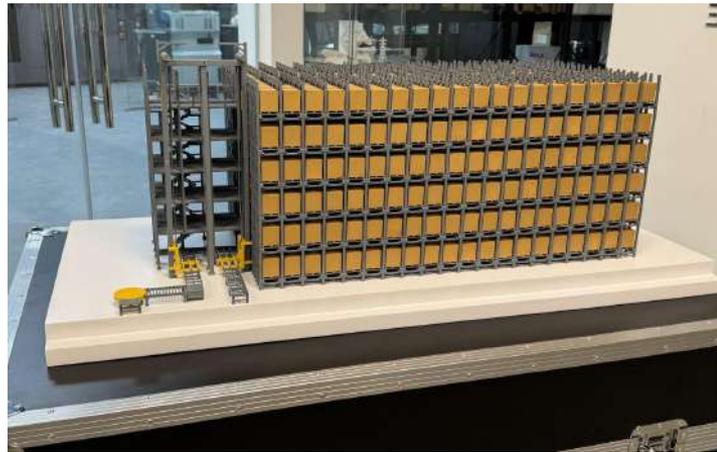
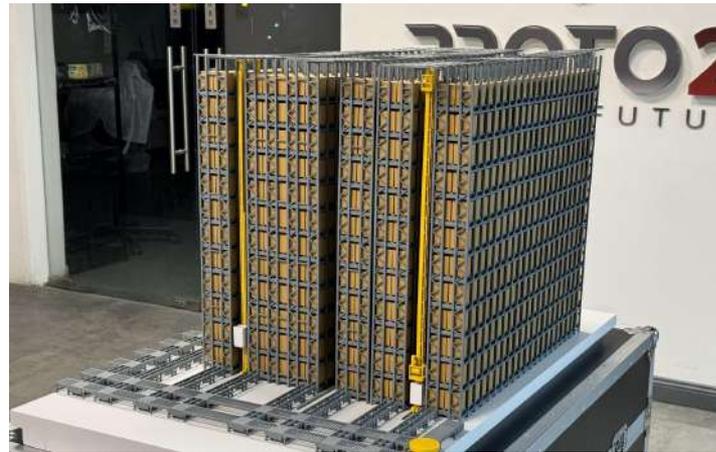






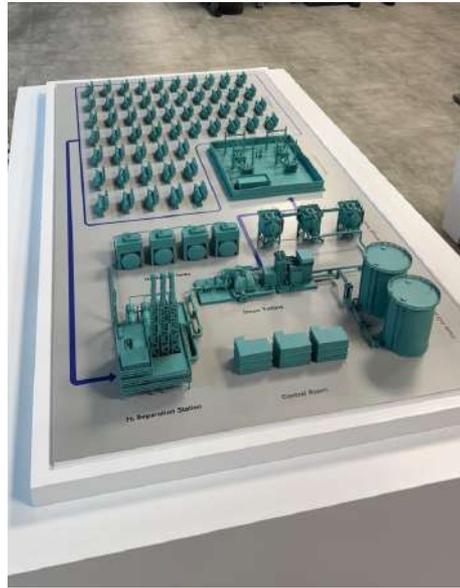


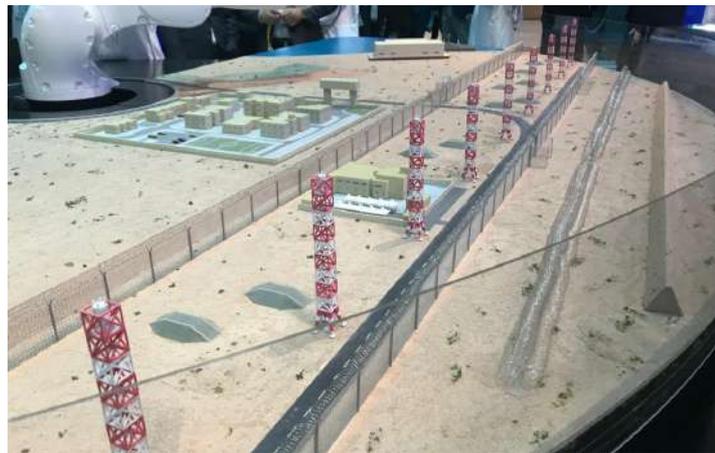
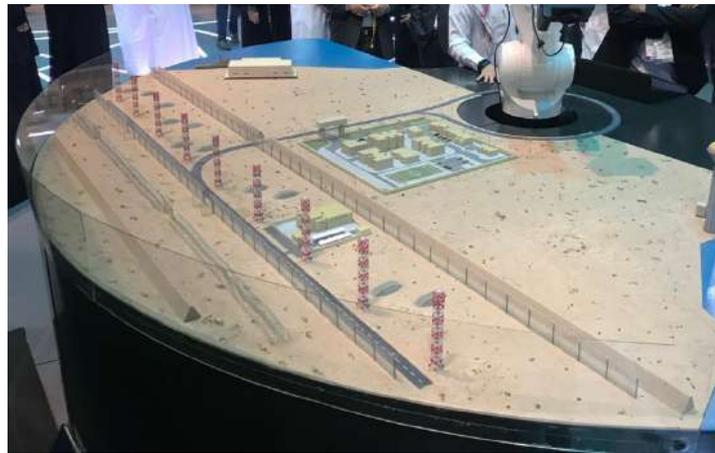
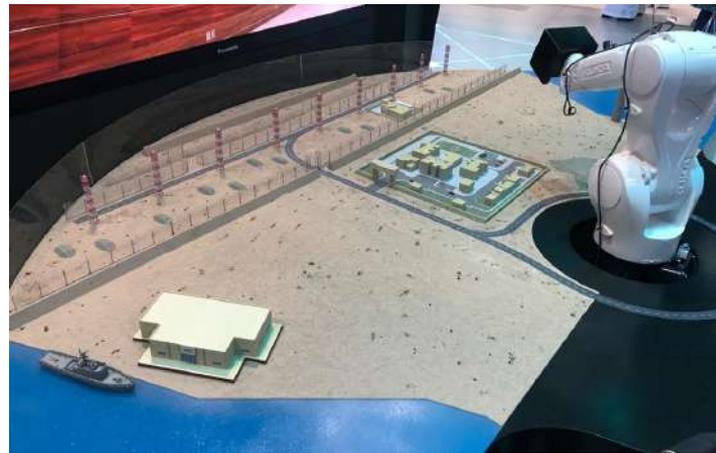


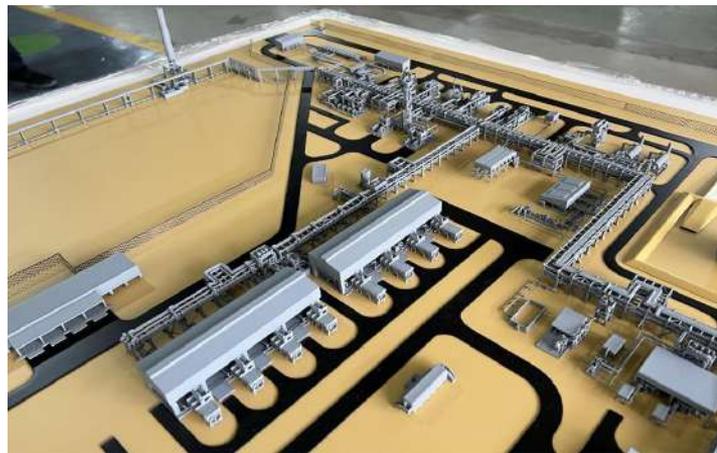
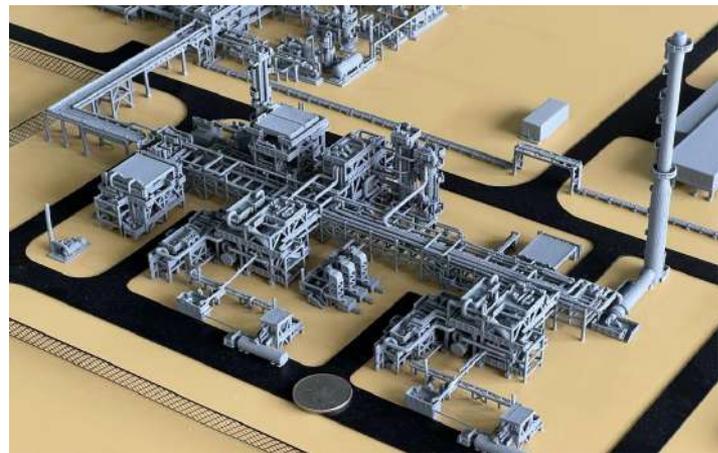
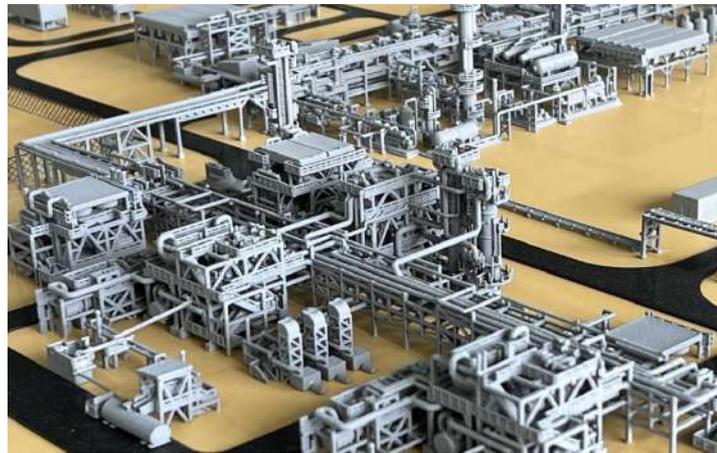
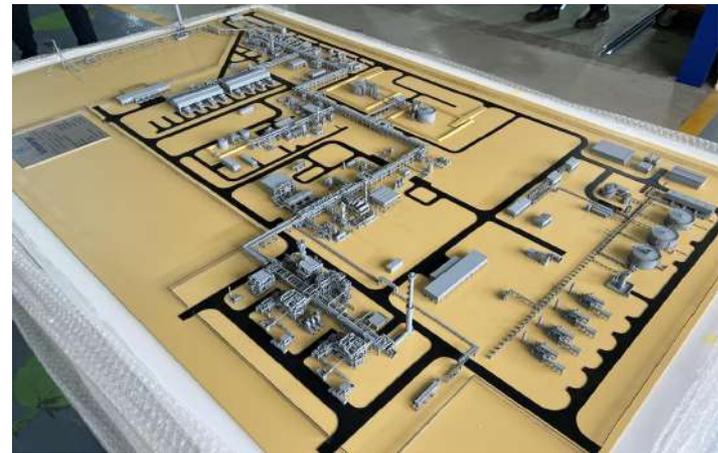


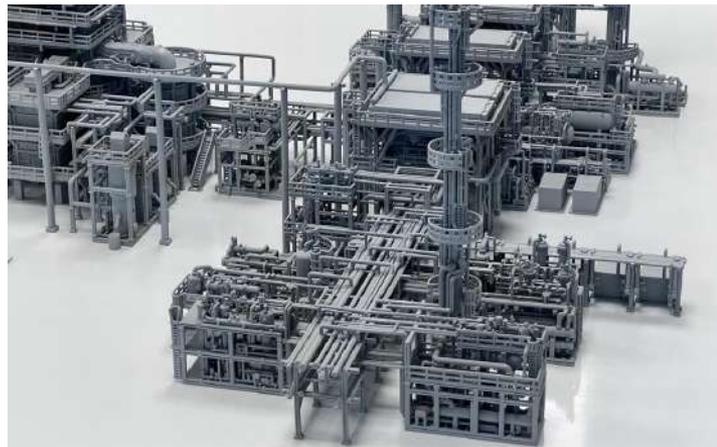
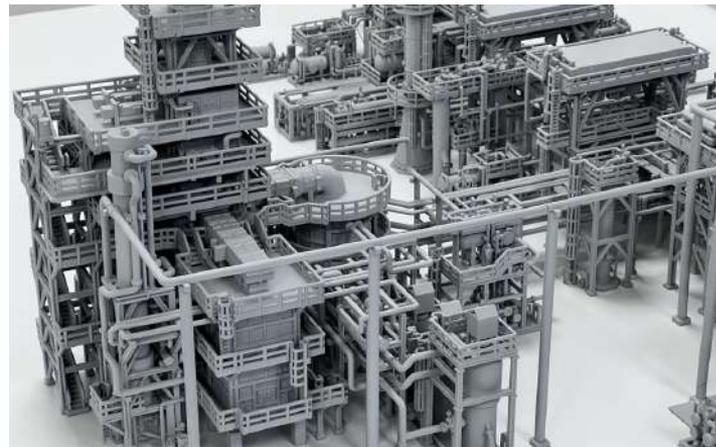
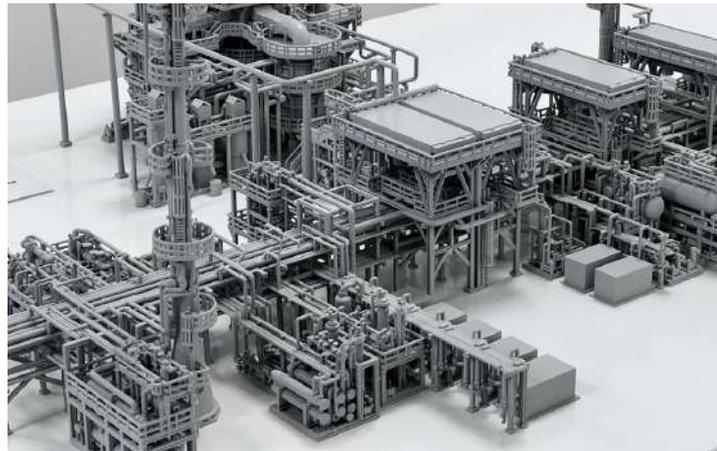
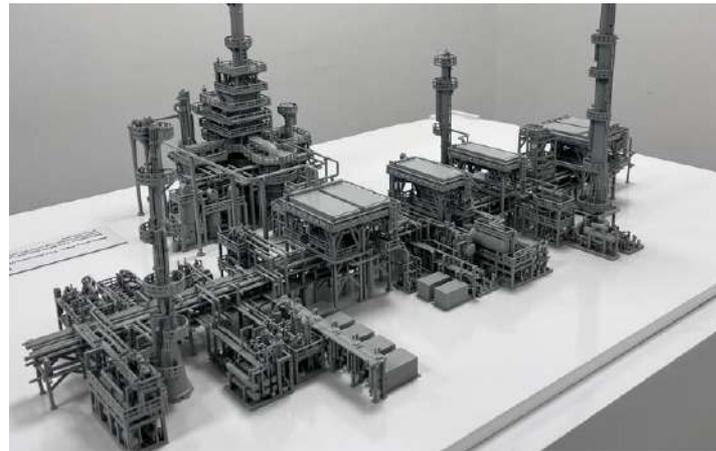


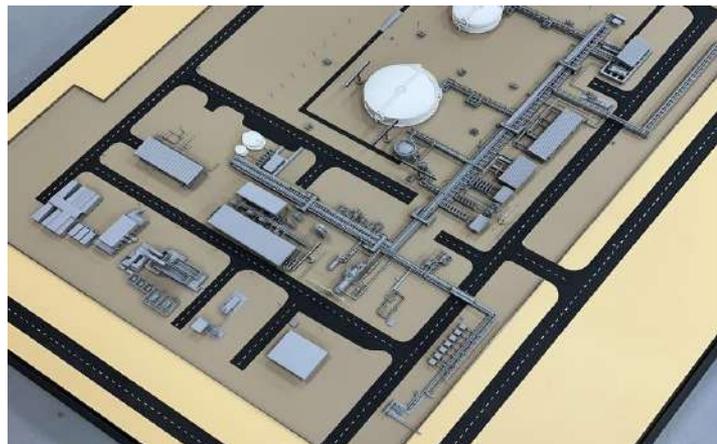
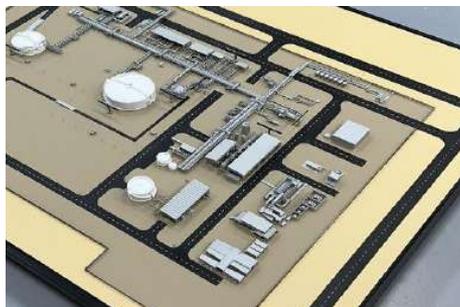
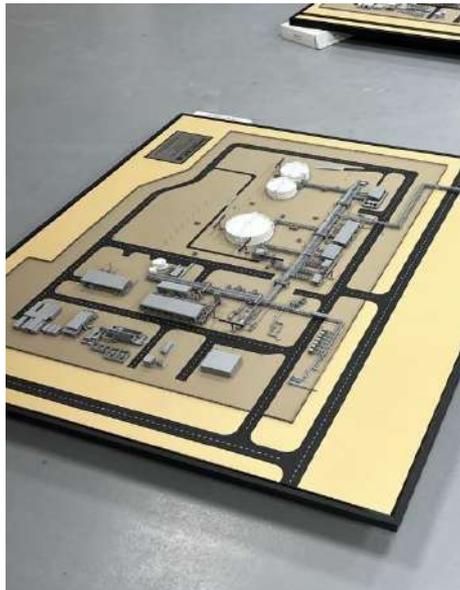
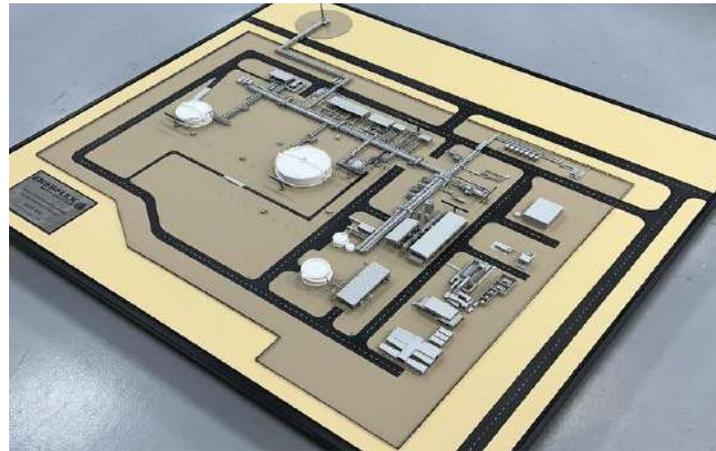














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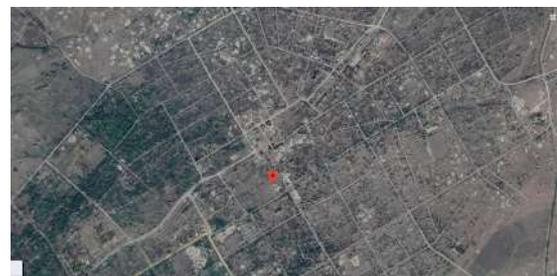
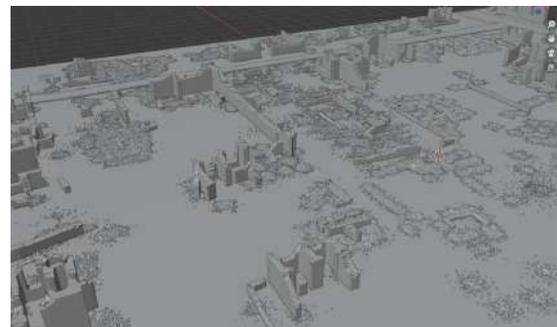
# 3D Printed Model Making *Maps*

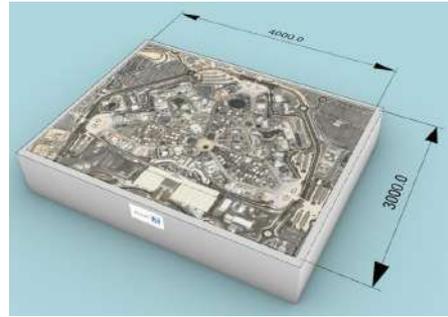


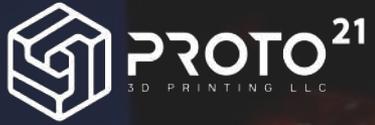








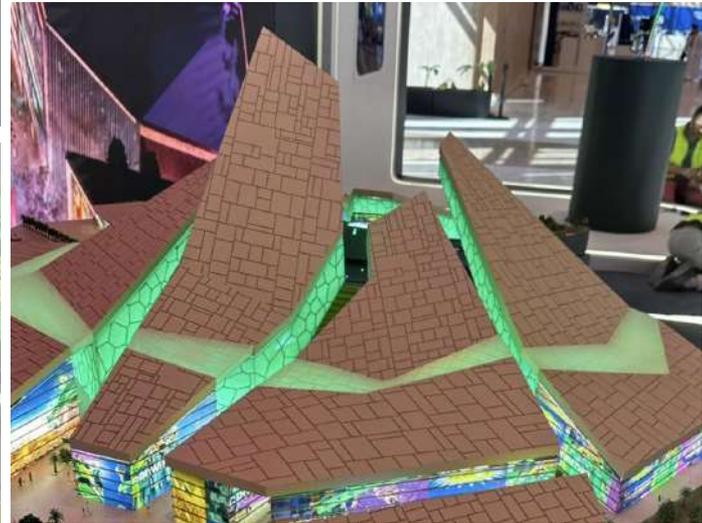
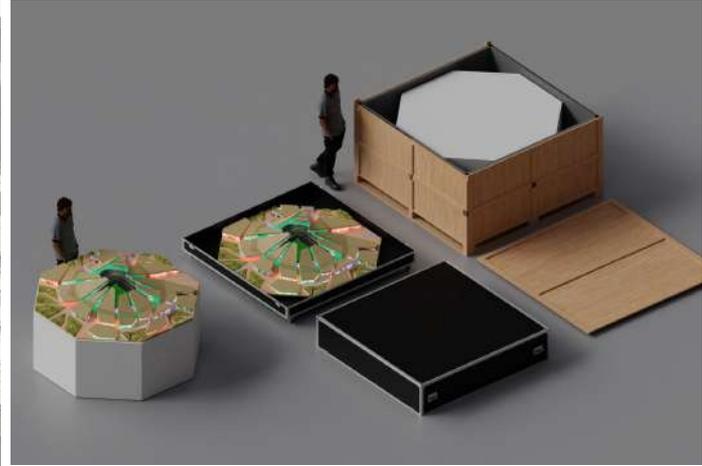




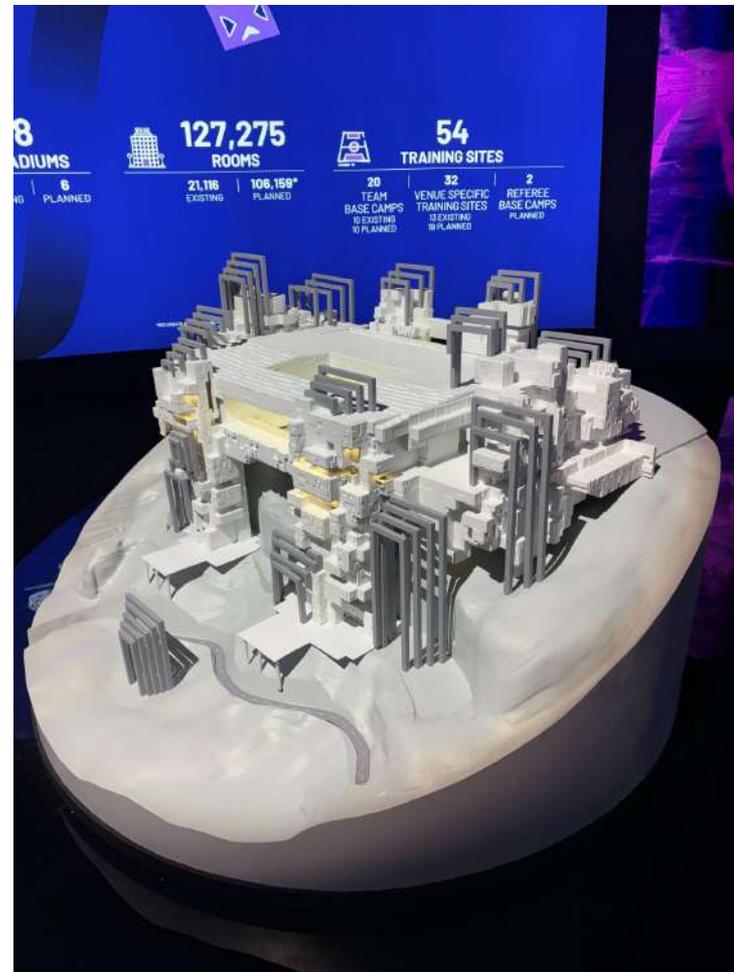
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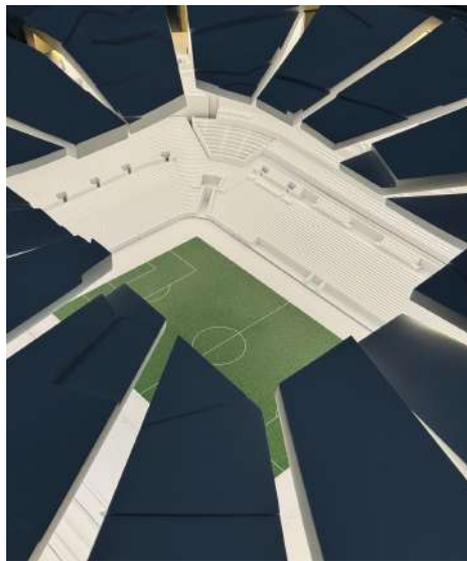
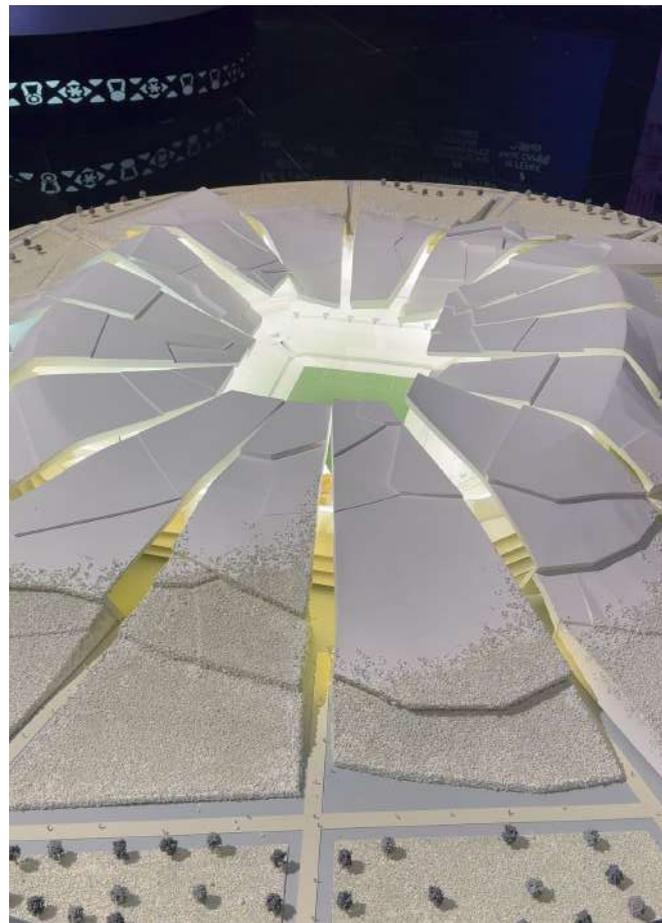
# Scale Models of FIFA Stadiums for *Saudi World Cup 2034*

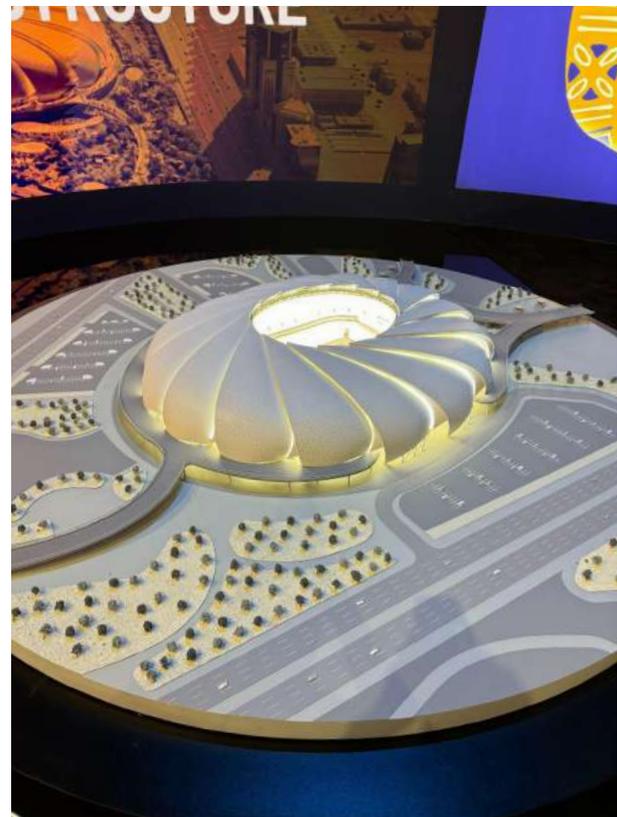
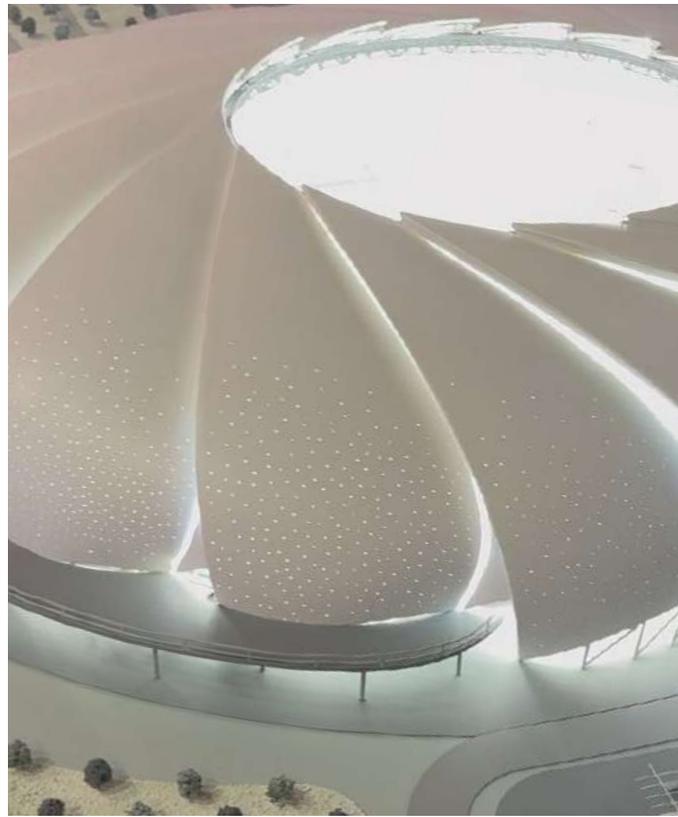
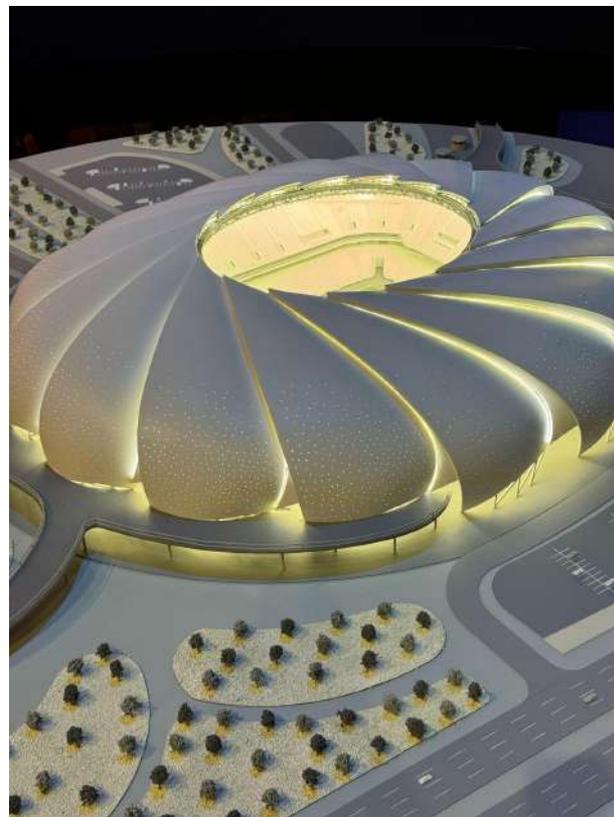


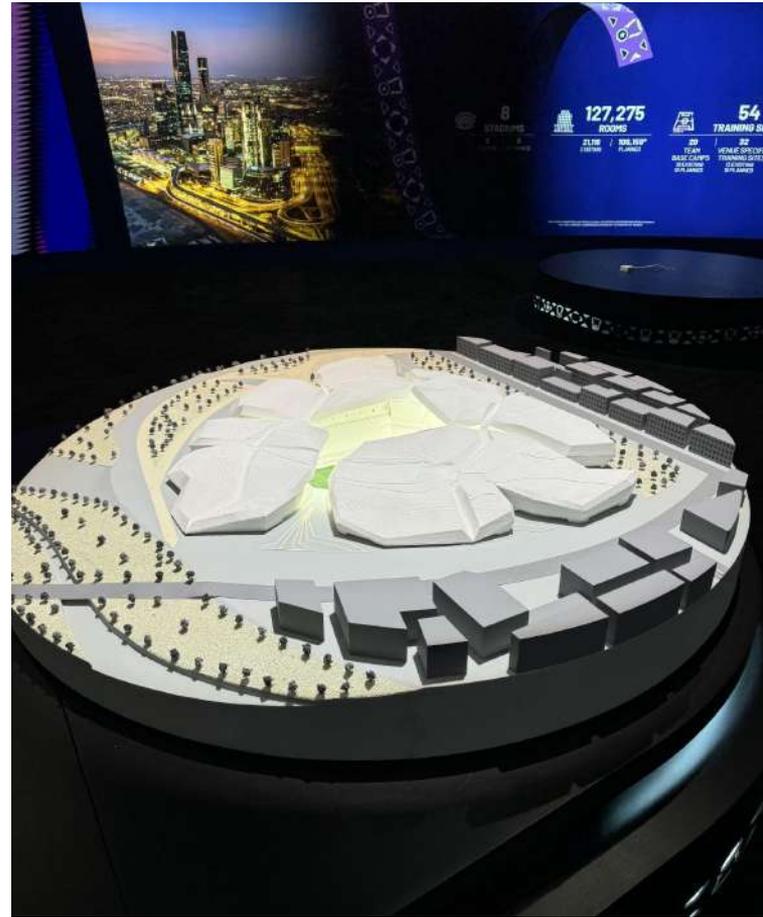
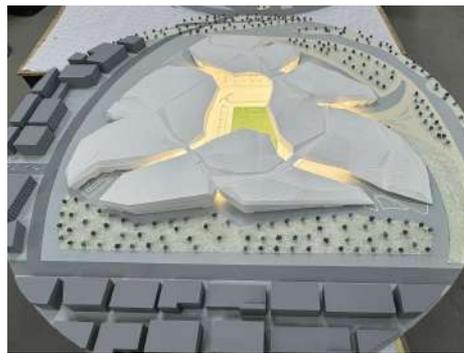
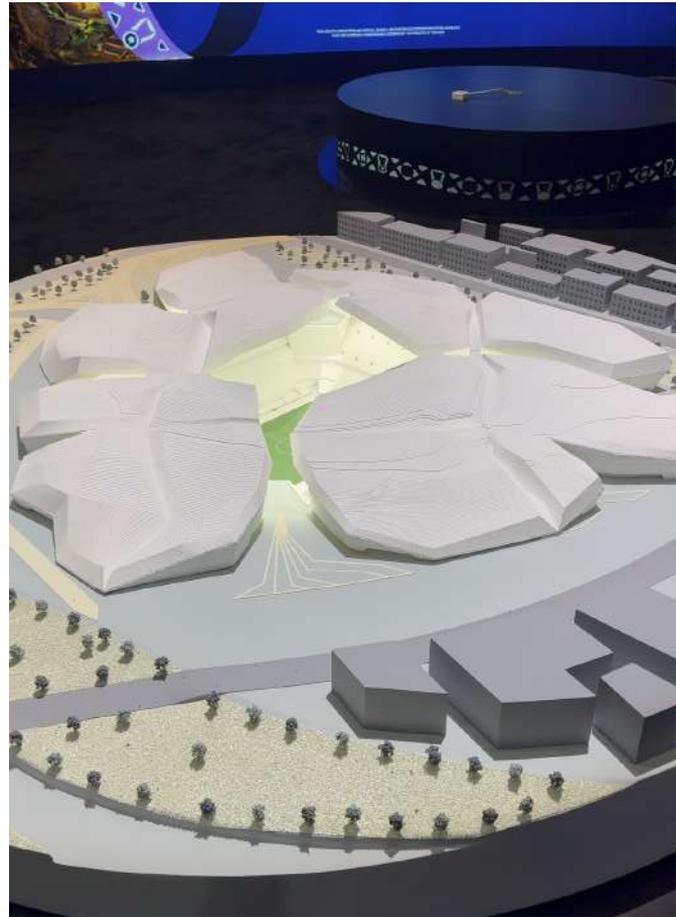




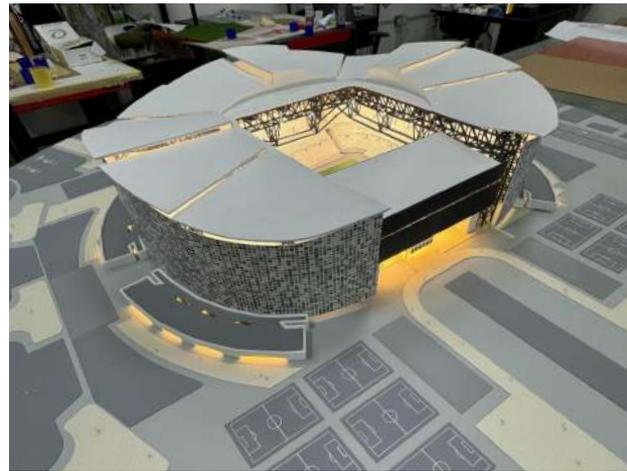












# ER JEDDAH'S RASTRUCTURE

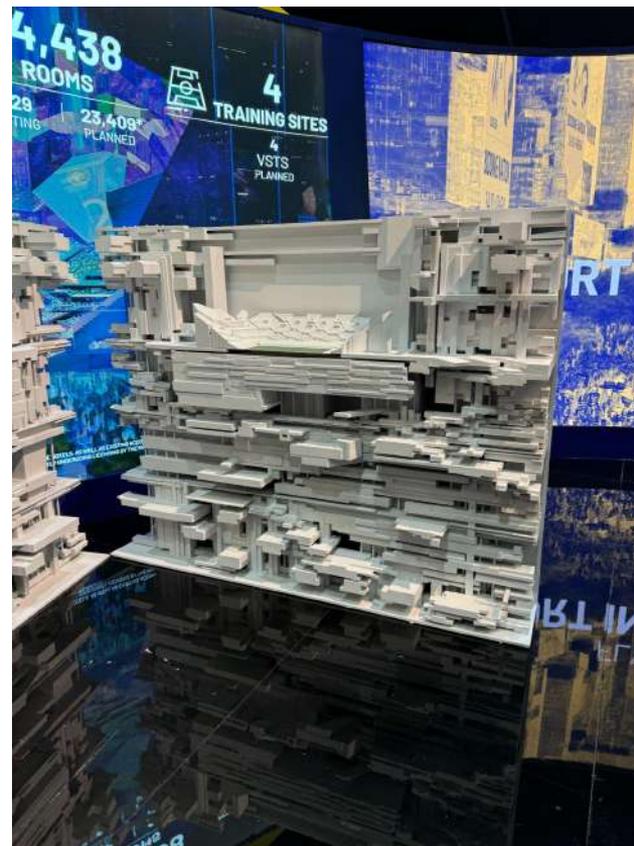
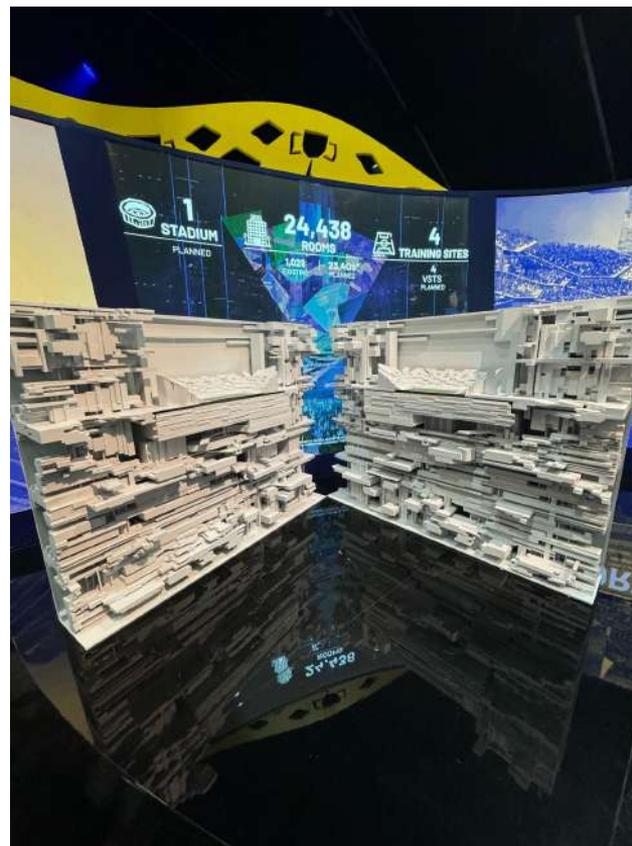
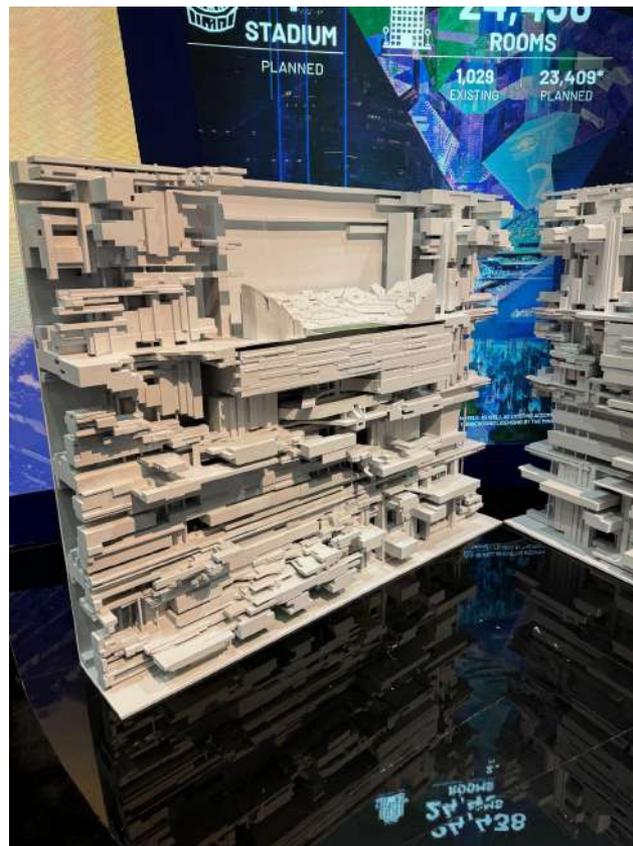
**4 STADIUMS**  
1 EXISTING | 3 PLANNED

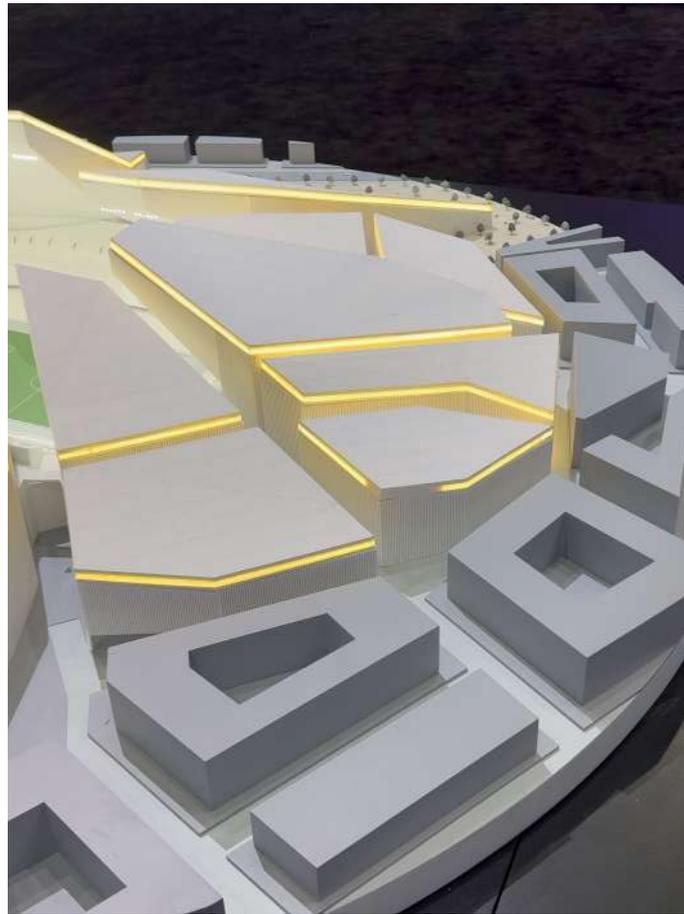
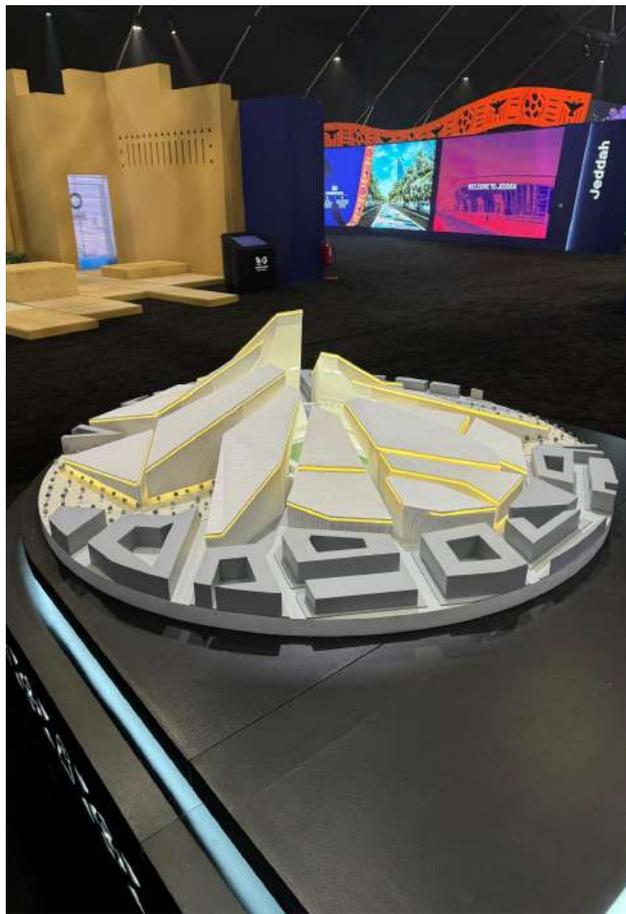
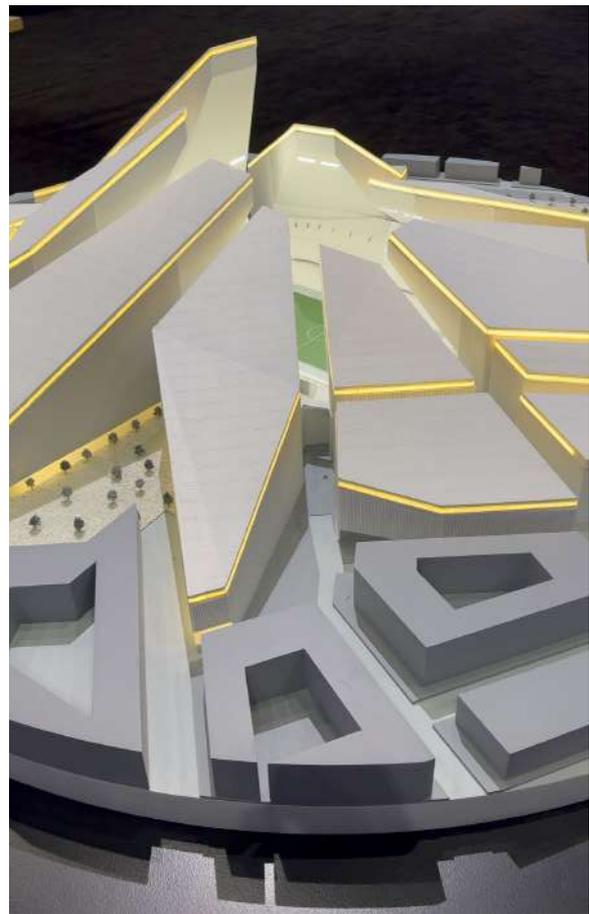


**43,109 ROOMS**  
13,474 EXISTING | 29,635\* PLANNED

**30 TRAINING SITES**  
14 TEAM BASE CAMPS (3 EXISTING, 11 PLANNED) | VENUE TRAINING (7 EXISTING, 9 PLANNED)

\*INCLUDES PLANNED PIPELINE HOTELS, AS WELL AS CUSTOM ACCOMMODATION HOTELS, BARRACKS THAT ARE CURRENTLY UNDERWAY, DESIGNED BY THE MINISTRY OF TOURISM





The background features abstract geometric shapes in red, black, and white. On the left, there is a large red rectangle. On the right, there are several overlapping triangles and polygons in red, black, and white, creating a dynamic, modern look.

**Thank you!**

[www.proto21.ae](http://www.proto21.ae)