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PLUG & PLAY

Easy installation suitable for quick disconnection.



SINGLE POINT MOORING

Oil&Gas proven technology reducing stresses in mooring.



CO2

Concrete carbon footprint significantly lower than the equivalent in steel.



CONCRETE

Local content enabler. Reduced manufacturing and maintenance costs.

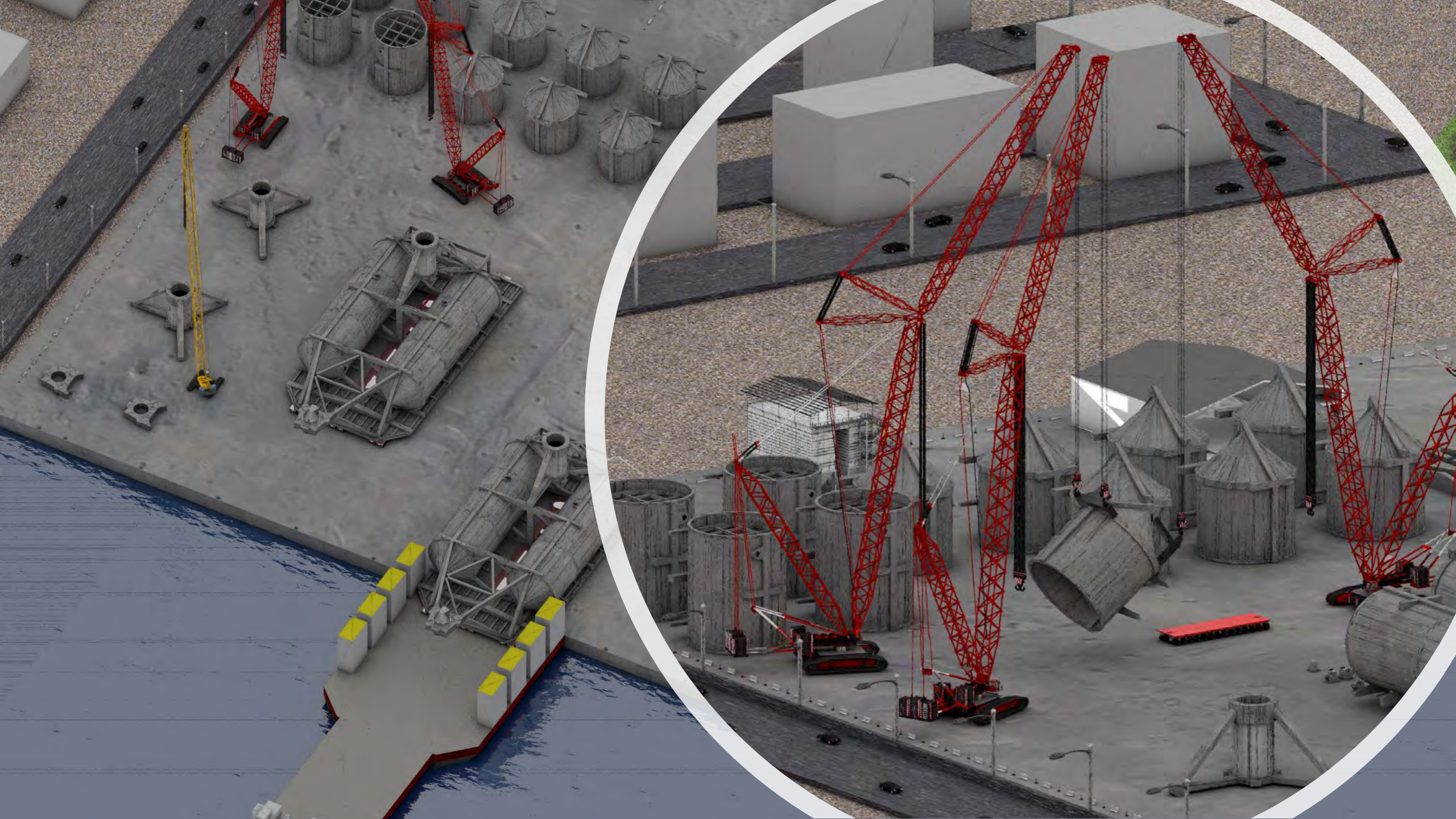
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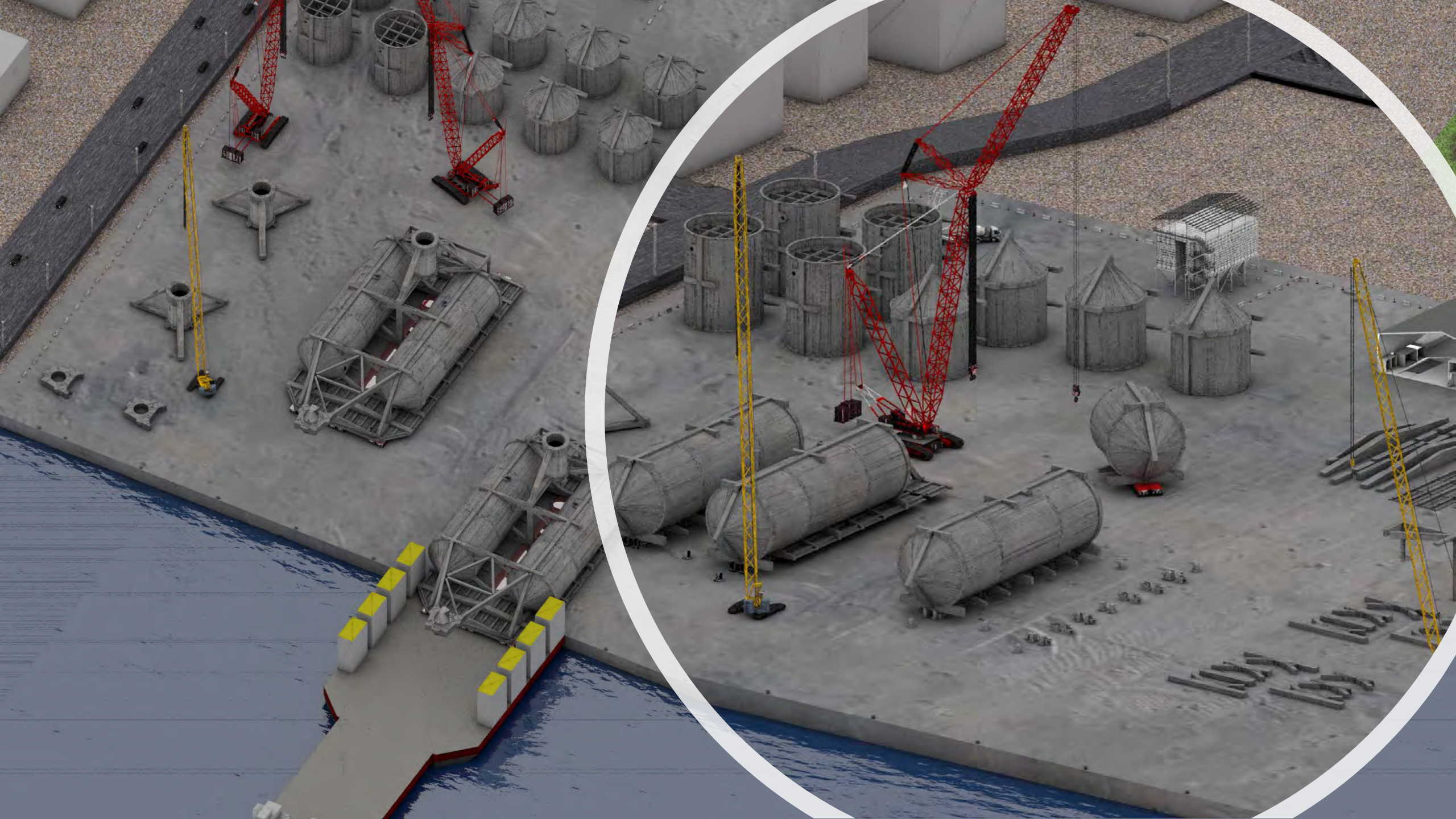


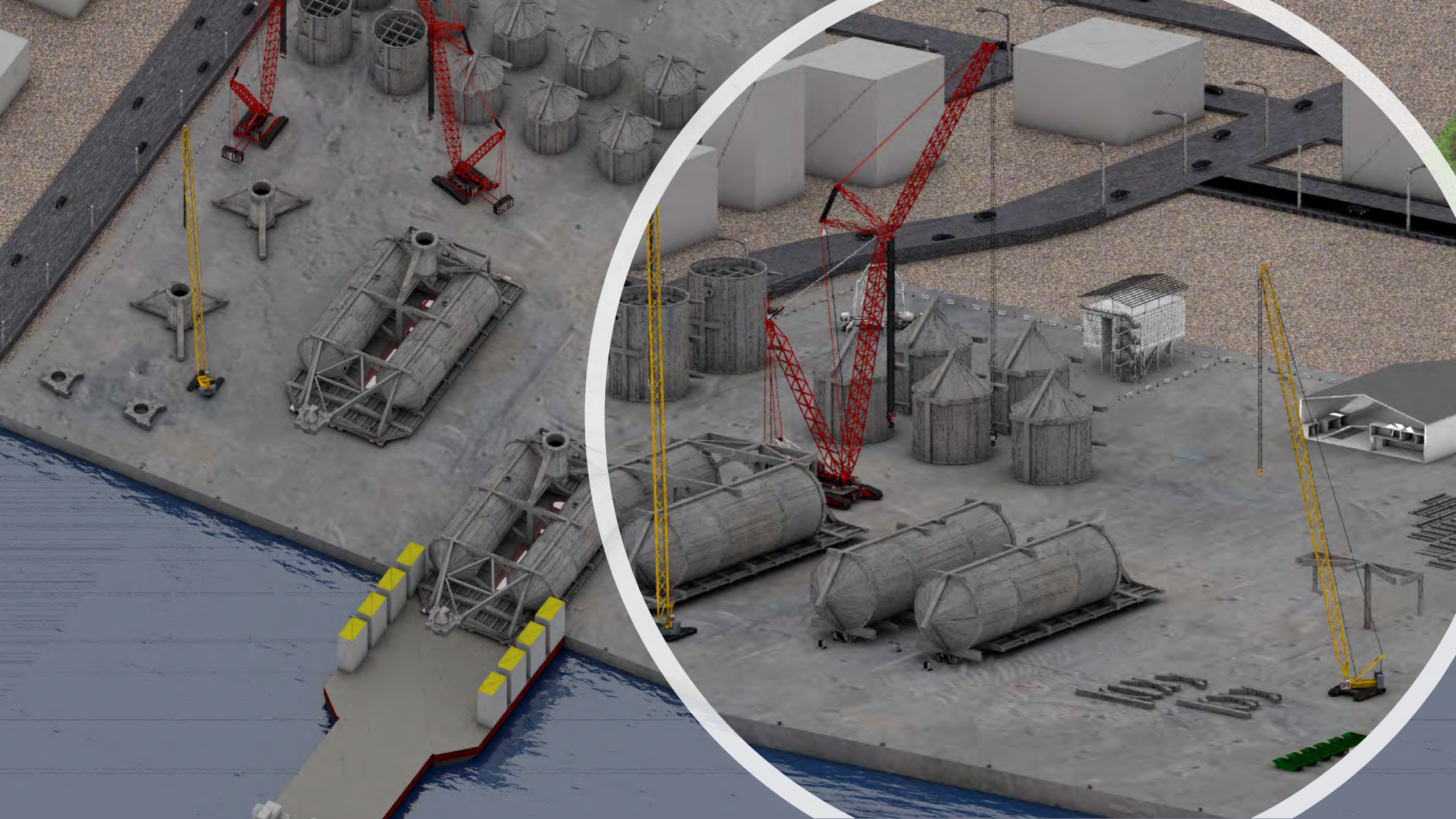
Our vision for industrialization of
Floating Offshore Wind

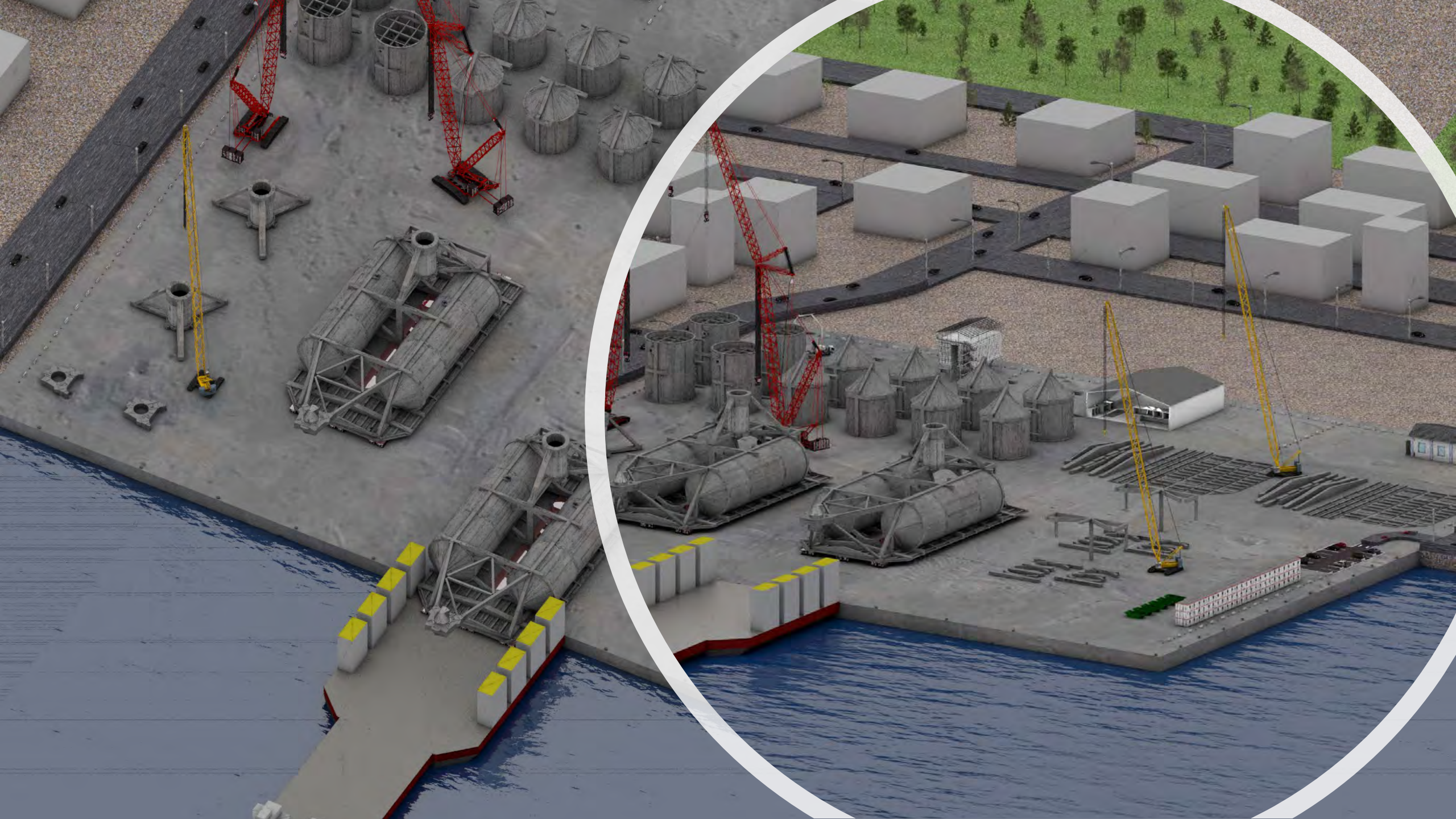


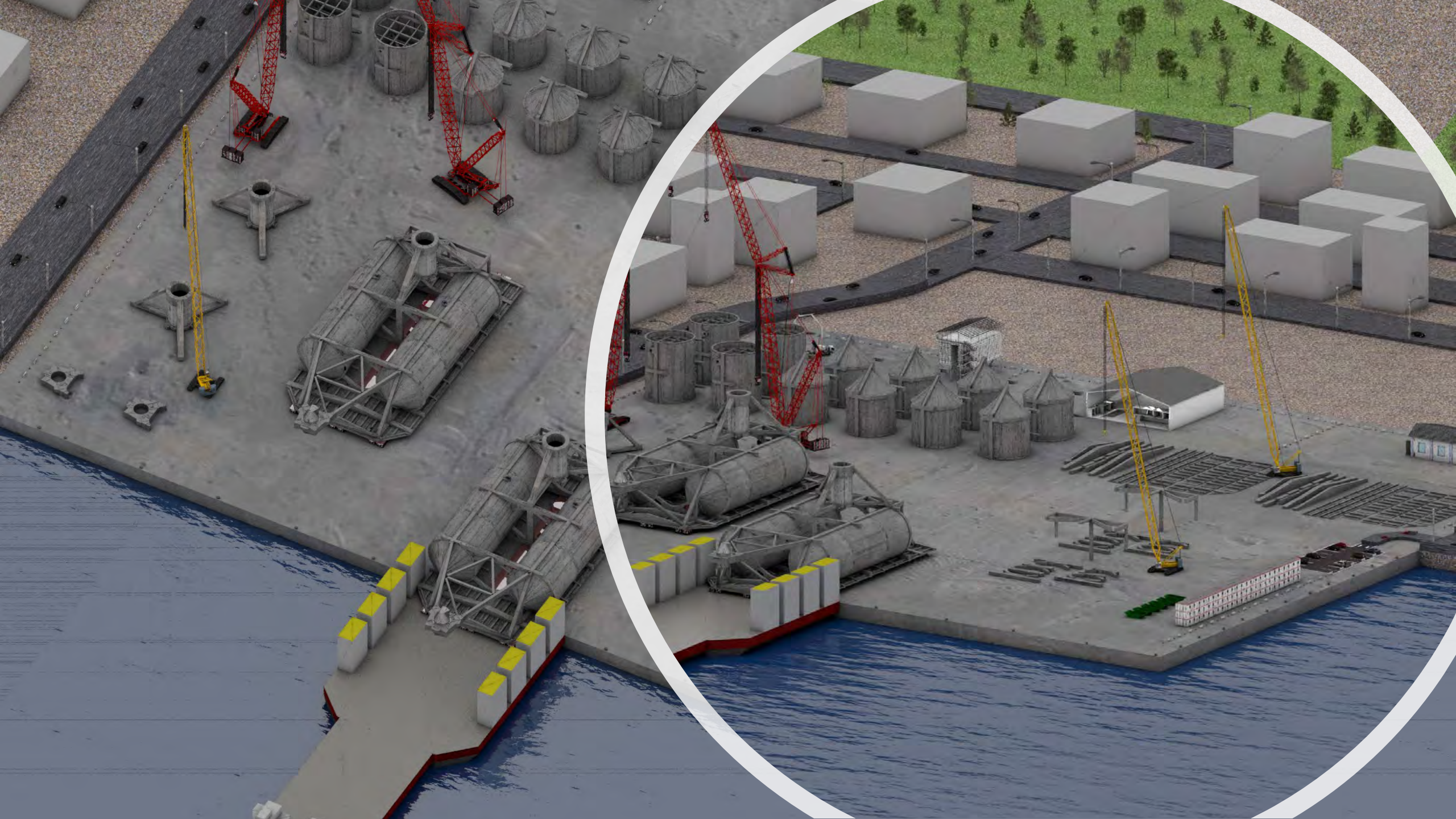












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Demonstrating our
vision

WIND ENVIOSATH

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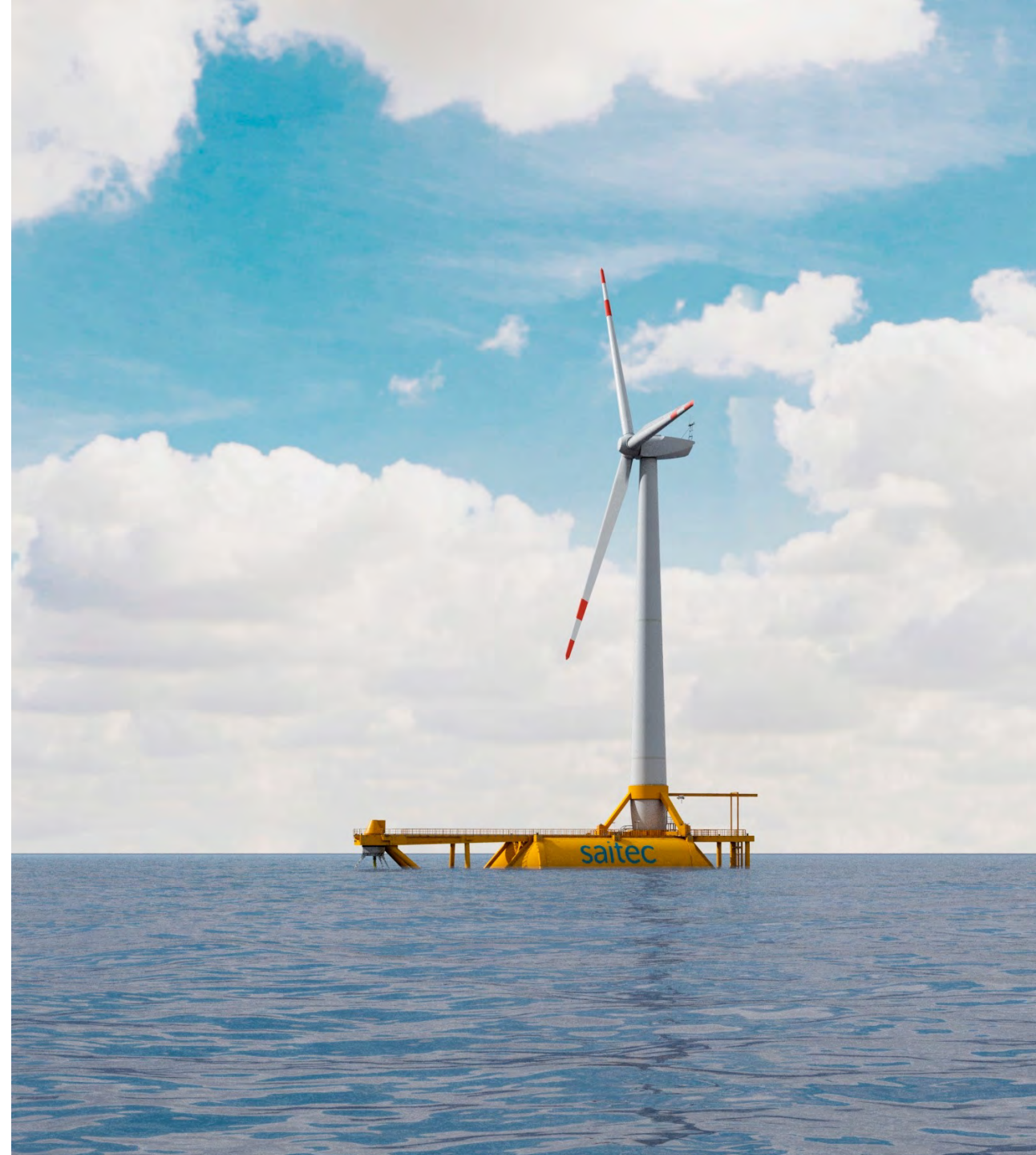
DemoSATH project details

Jointly developed with **RWE**

- Turbine: 2 MW wind turbine
- Base of the structure: 30 m. x 64 m.
- Installation: 2 miles off the coast in BIMEP
- Sea deep: 85 m.
- Mooring: Hybrid mooring lines (chains and fibre)
- Commissioning: Q3 2022

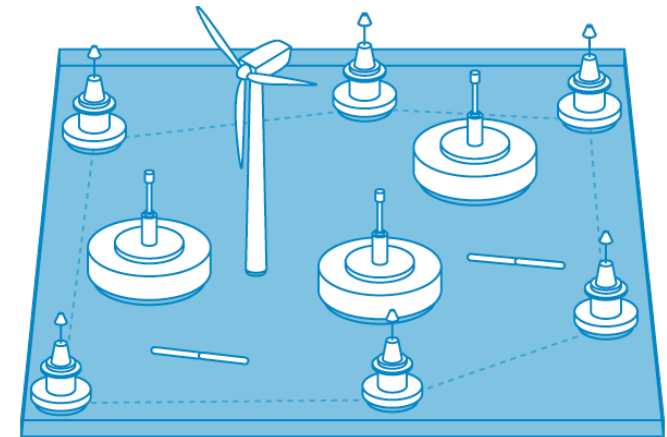
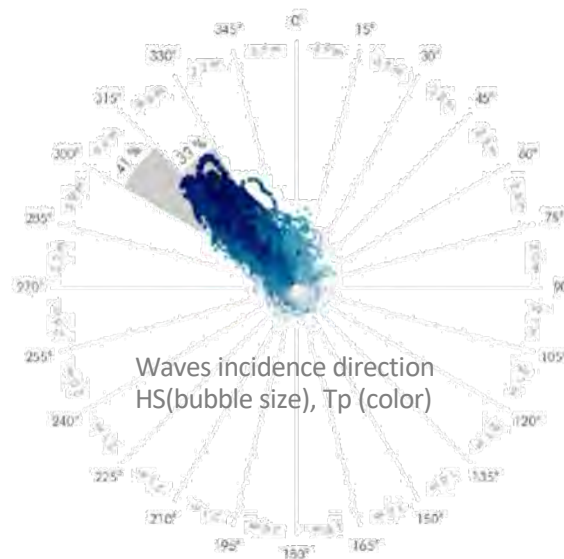
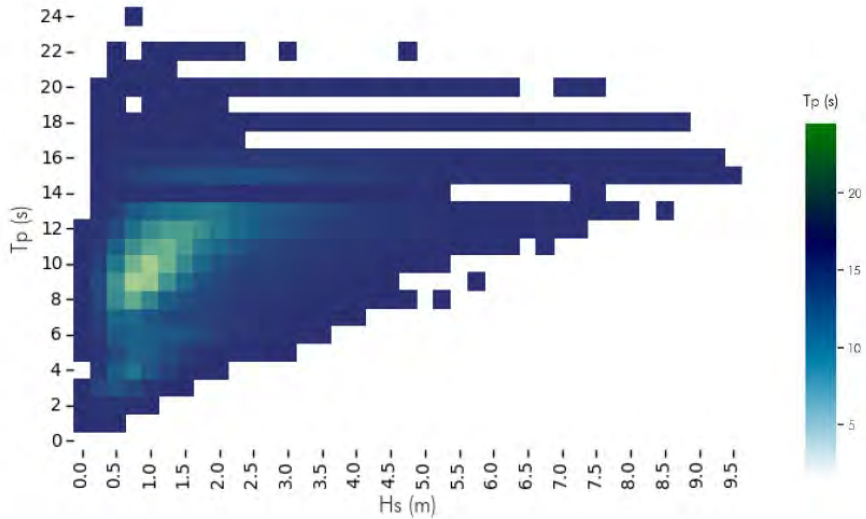


1st grid-connected
FOWT in Spain



BiMEP

Biscay Marine Energy Platform



Key Milestones

Access to site Turbine

Granted

Construction Start

Procured

Precast completion

November 2020

Q3 2021

Wind[•]
EUROPE

ANNUAL EVENT
2022
BILBAO
5-7 APRIL

Pre-lay

Q2 2022

Q2 2022

Hook-up

Q3 2022

COD

Q3 2022

Construction site

Port of Bilbao



DEMO

SATH



Supply Chain in SPAIN



- ABB
- actanis NOATUM LOGISTICS
- solute
- Rothe Erde
- Grupo Álava
- DEGIMA
- Prysmian Group
- MSM

Local Supply Chain < 25km
75% of construction budget



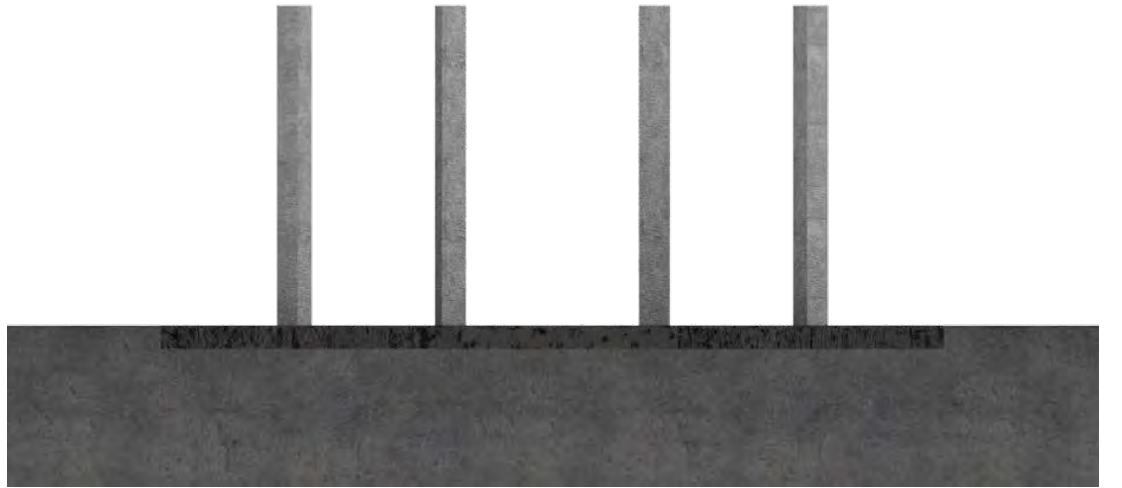
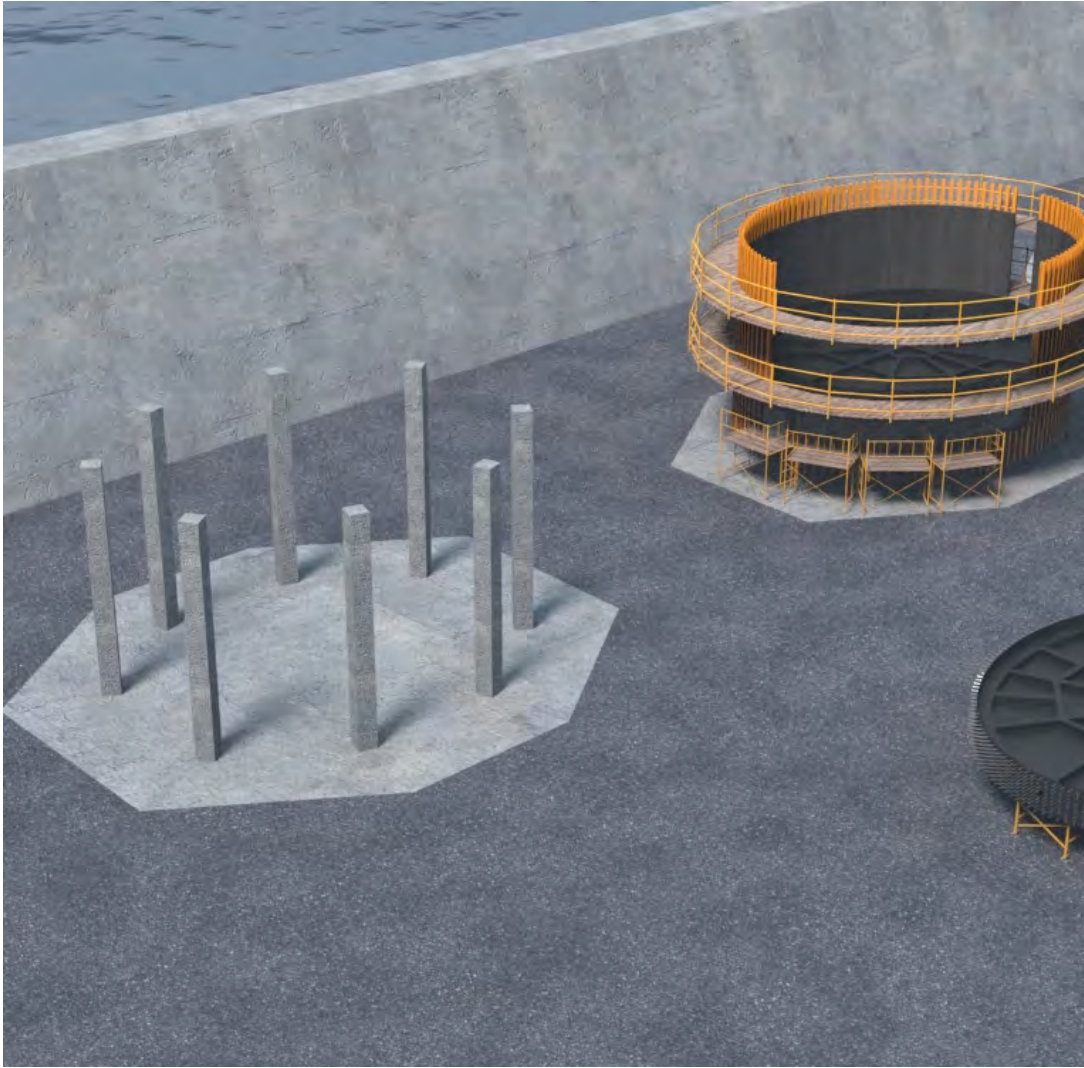
DEMO

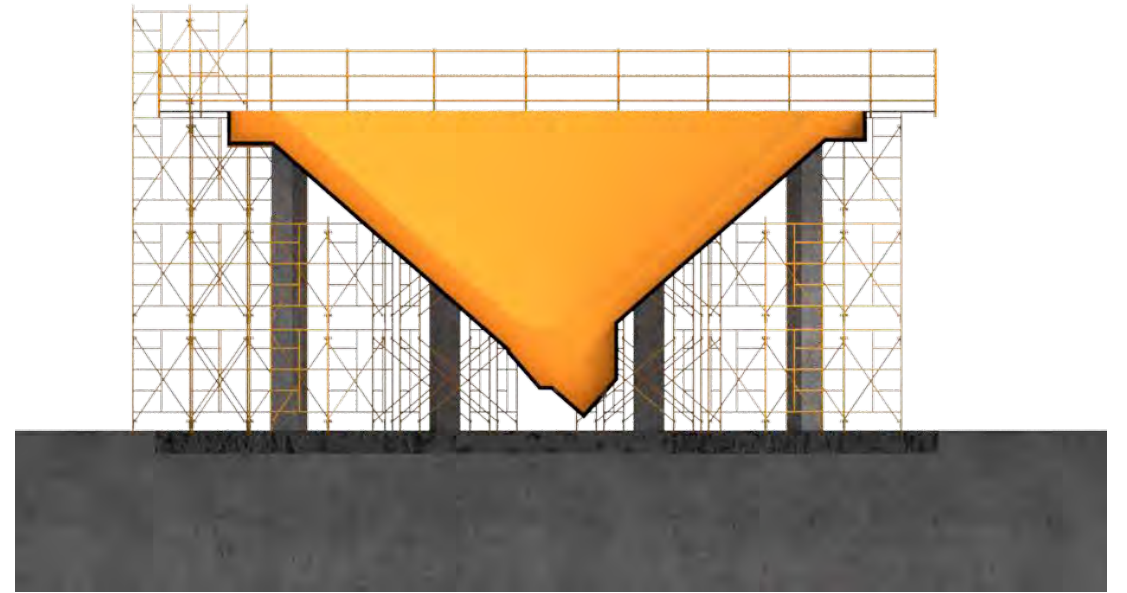
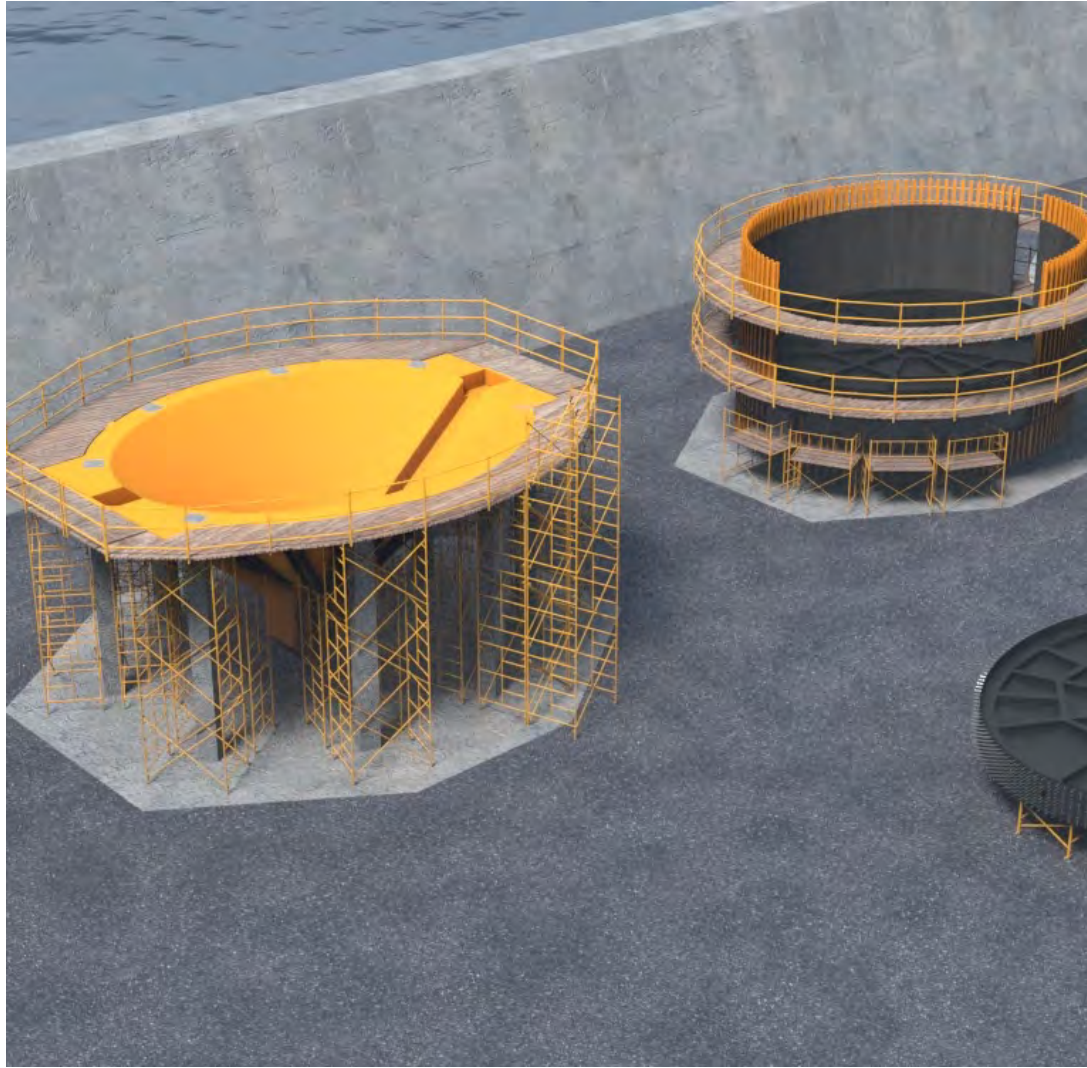


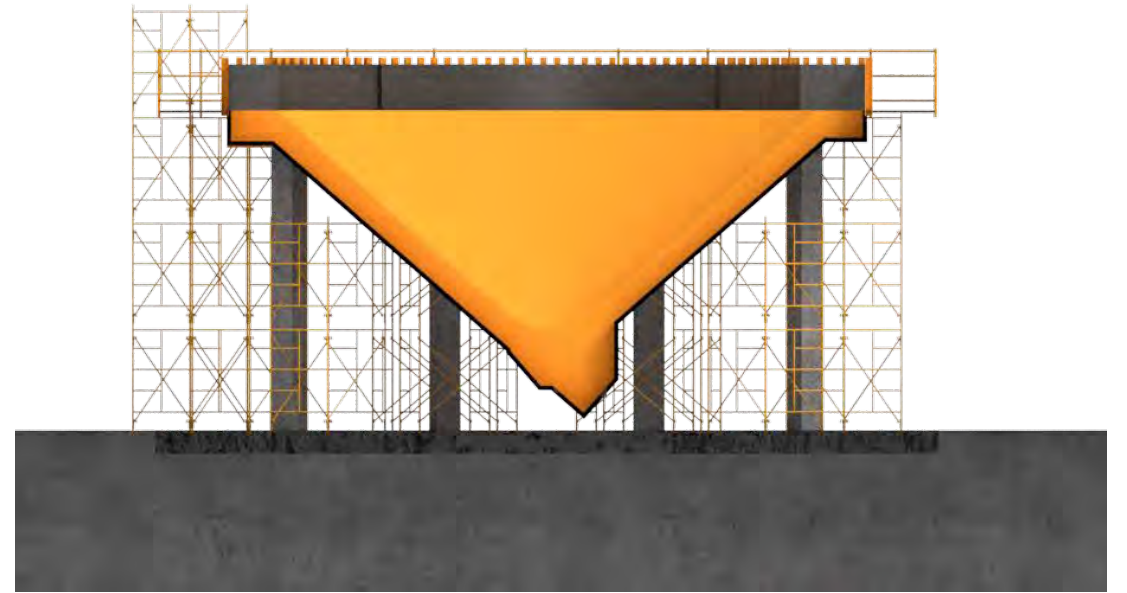
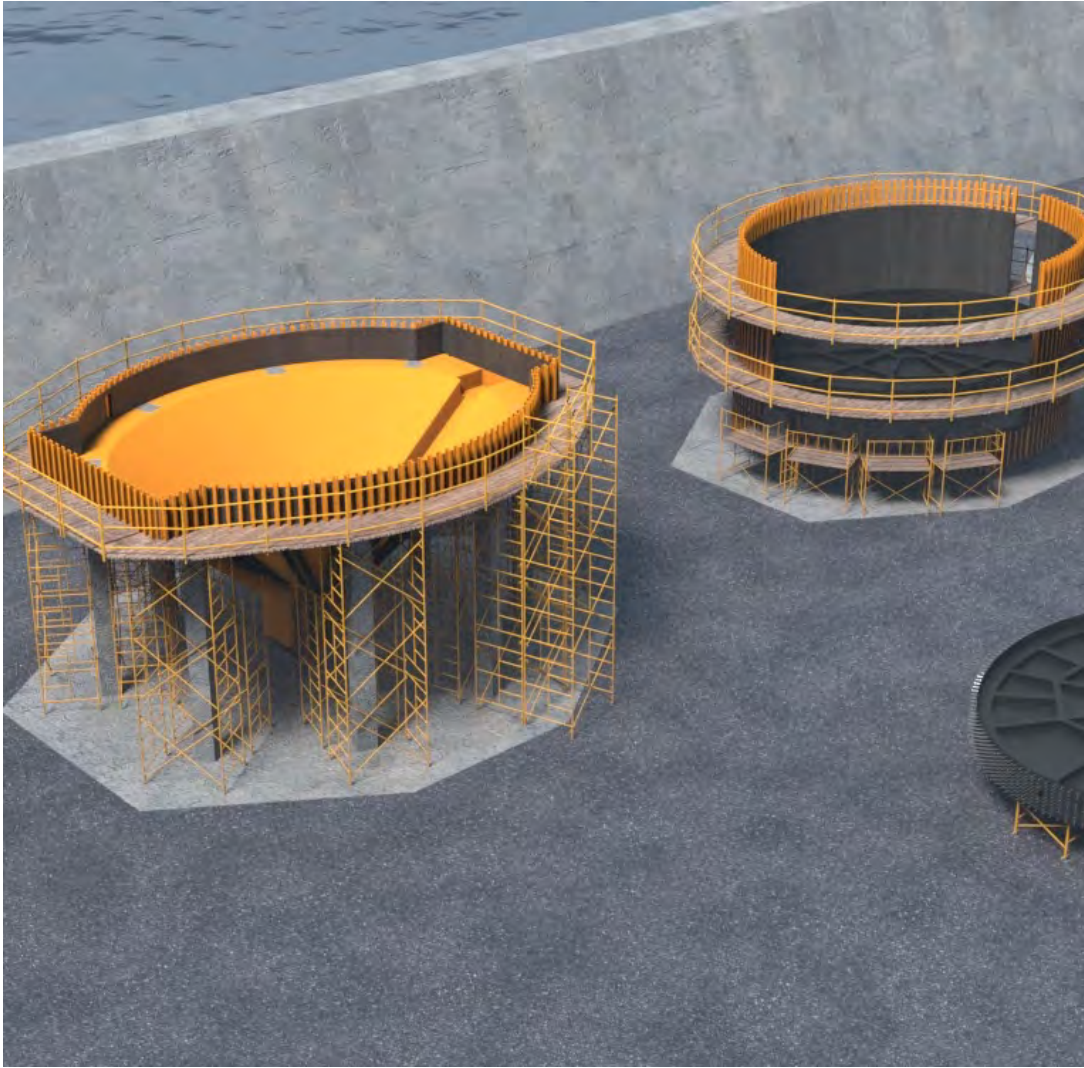
International Supply Chain

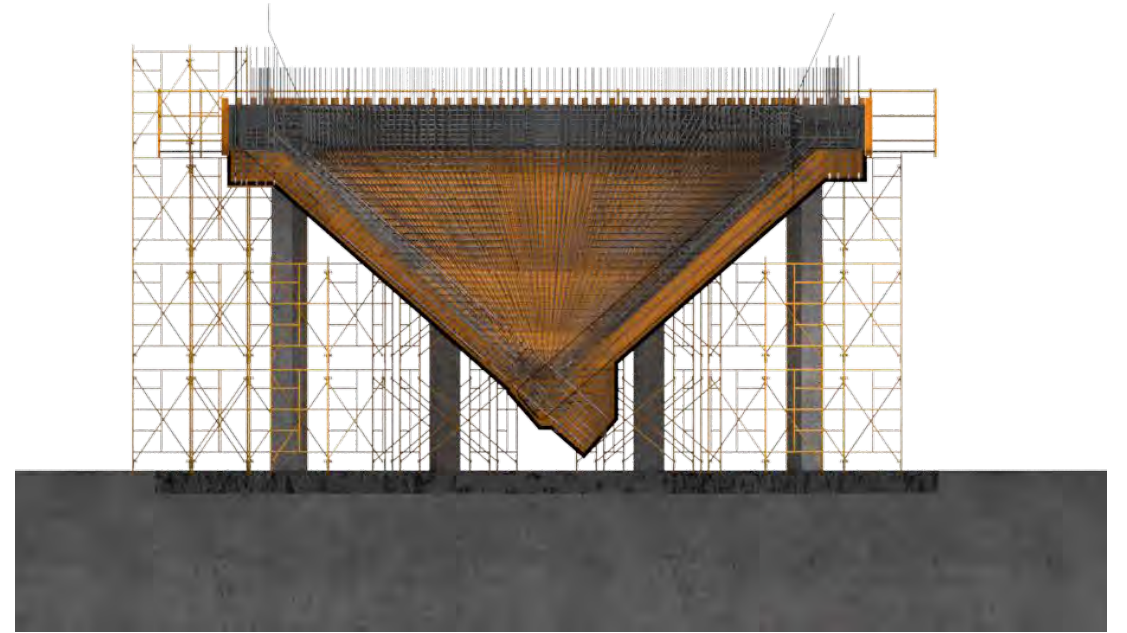
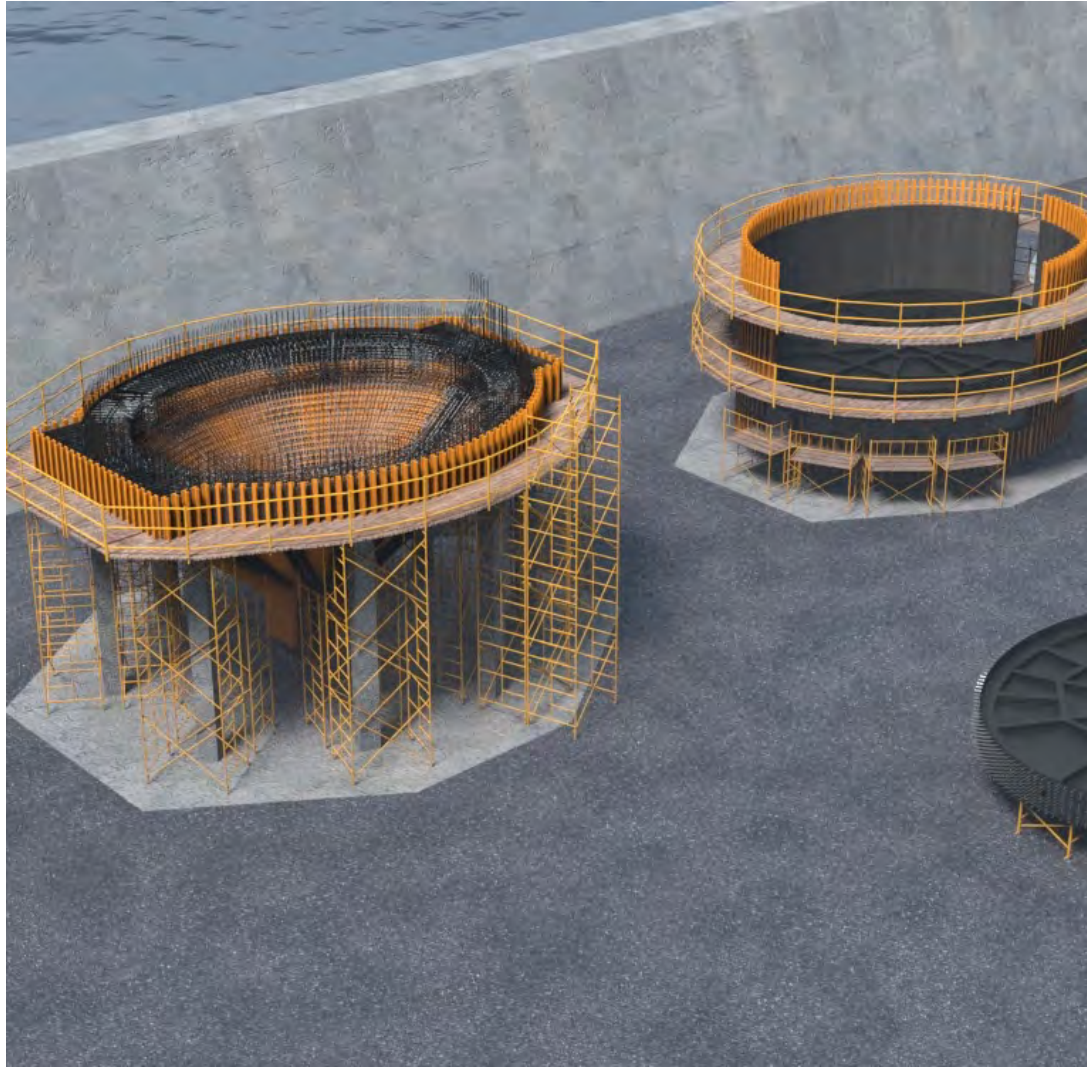


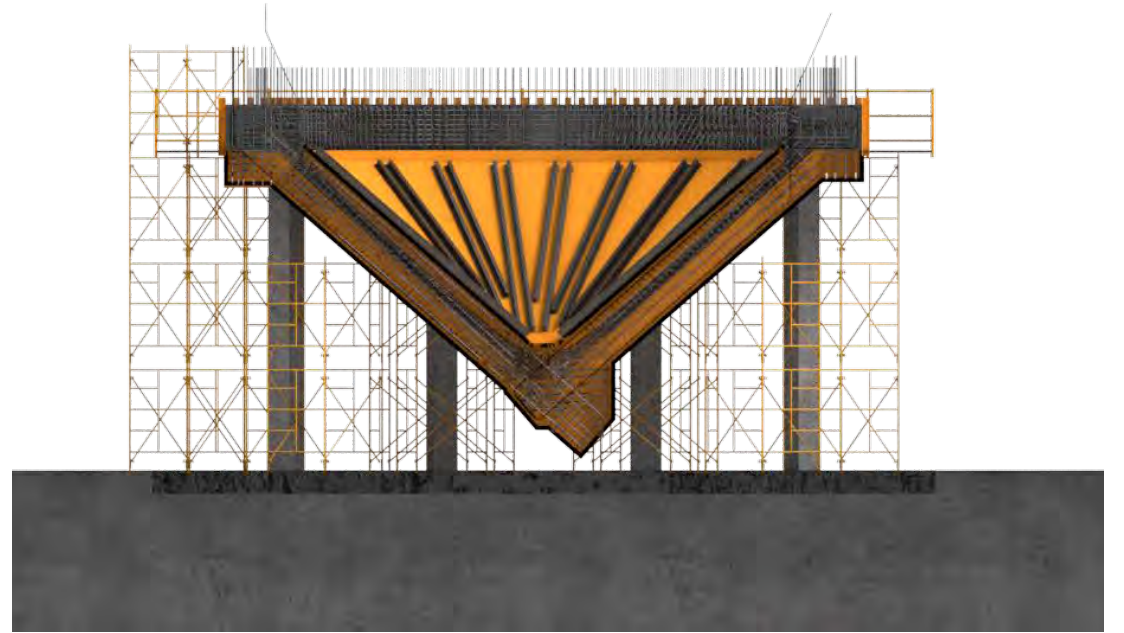
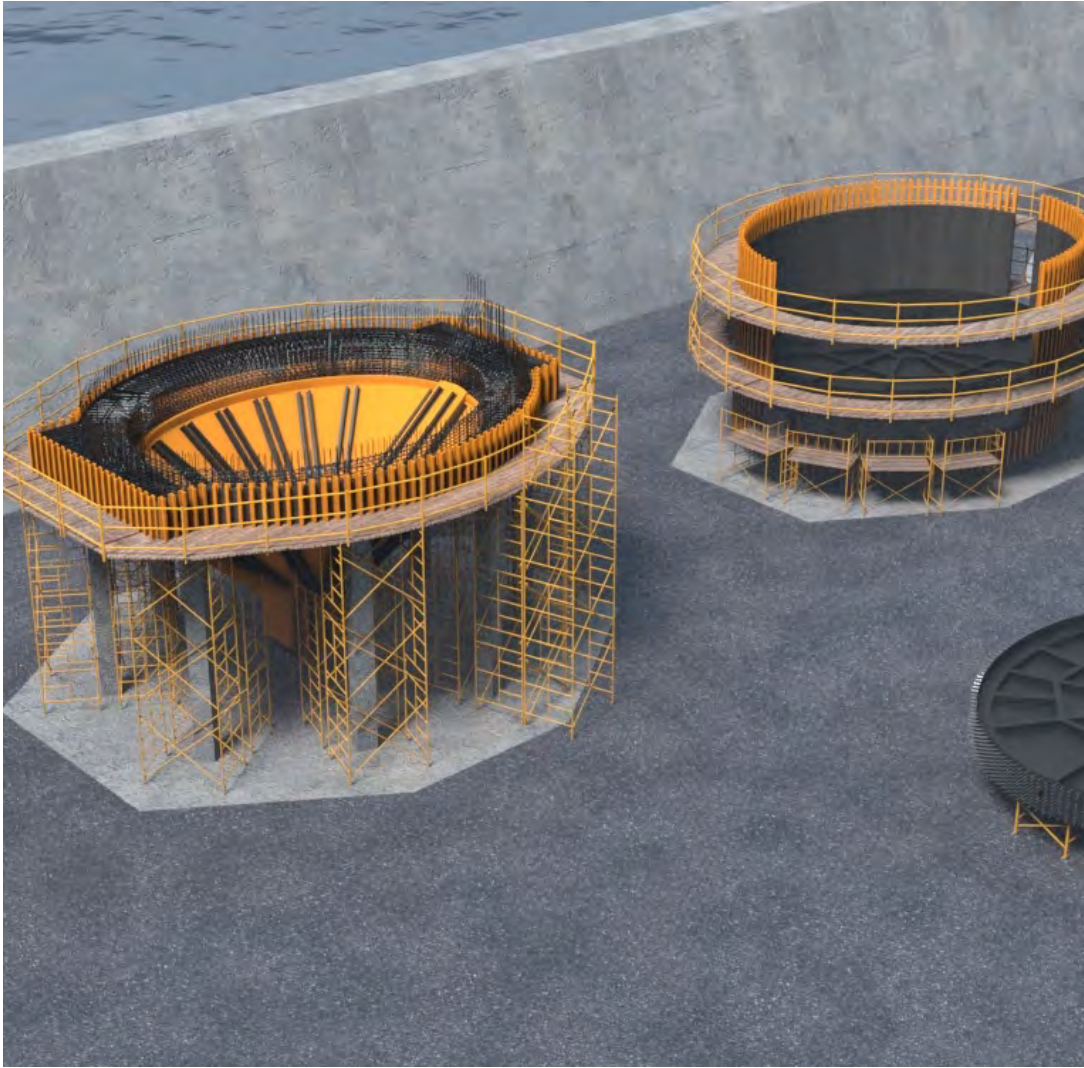


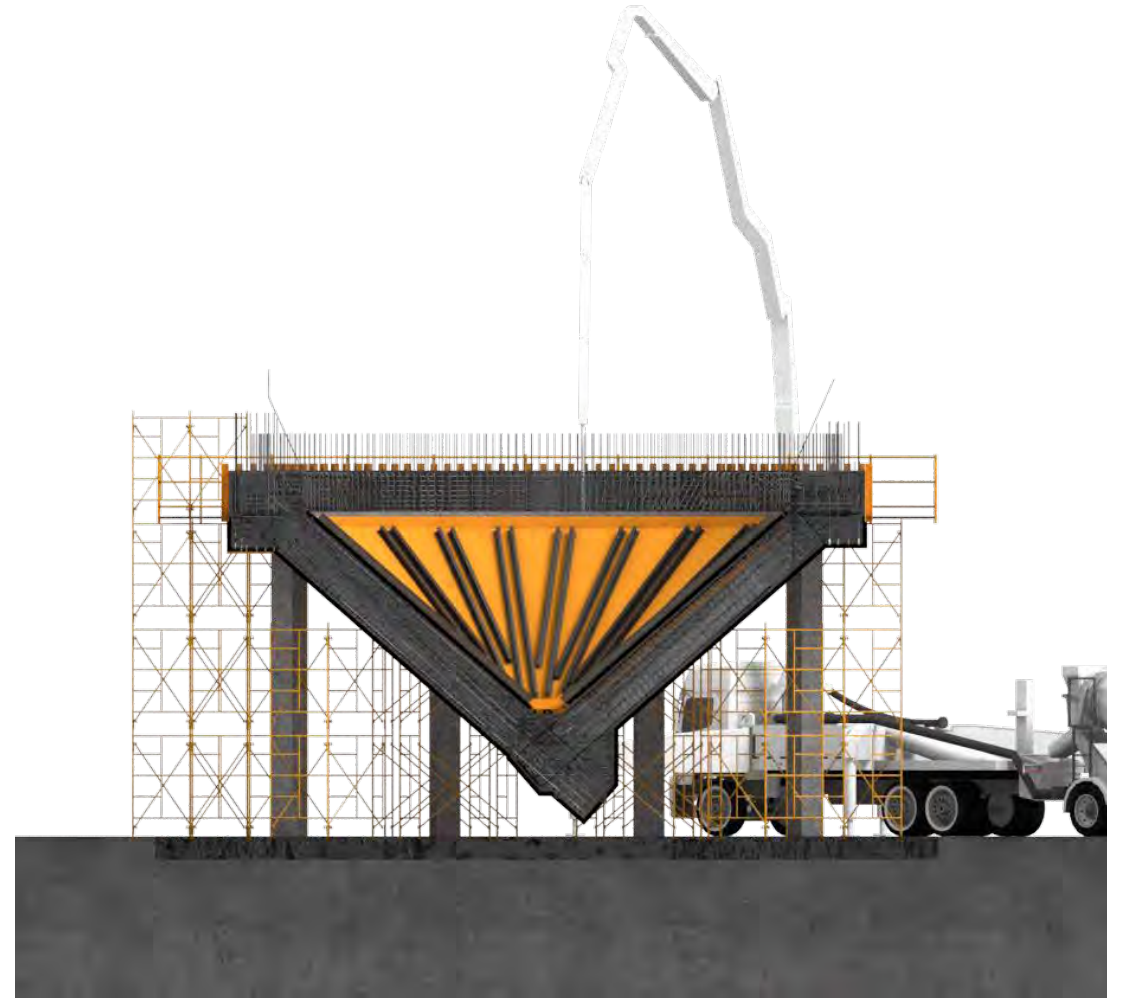


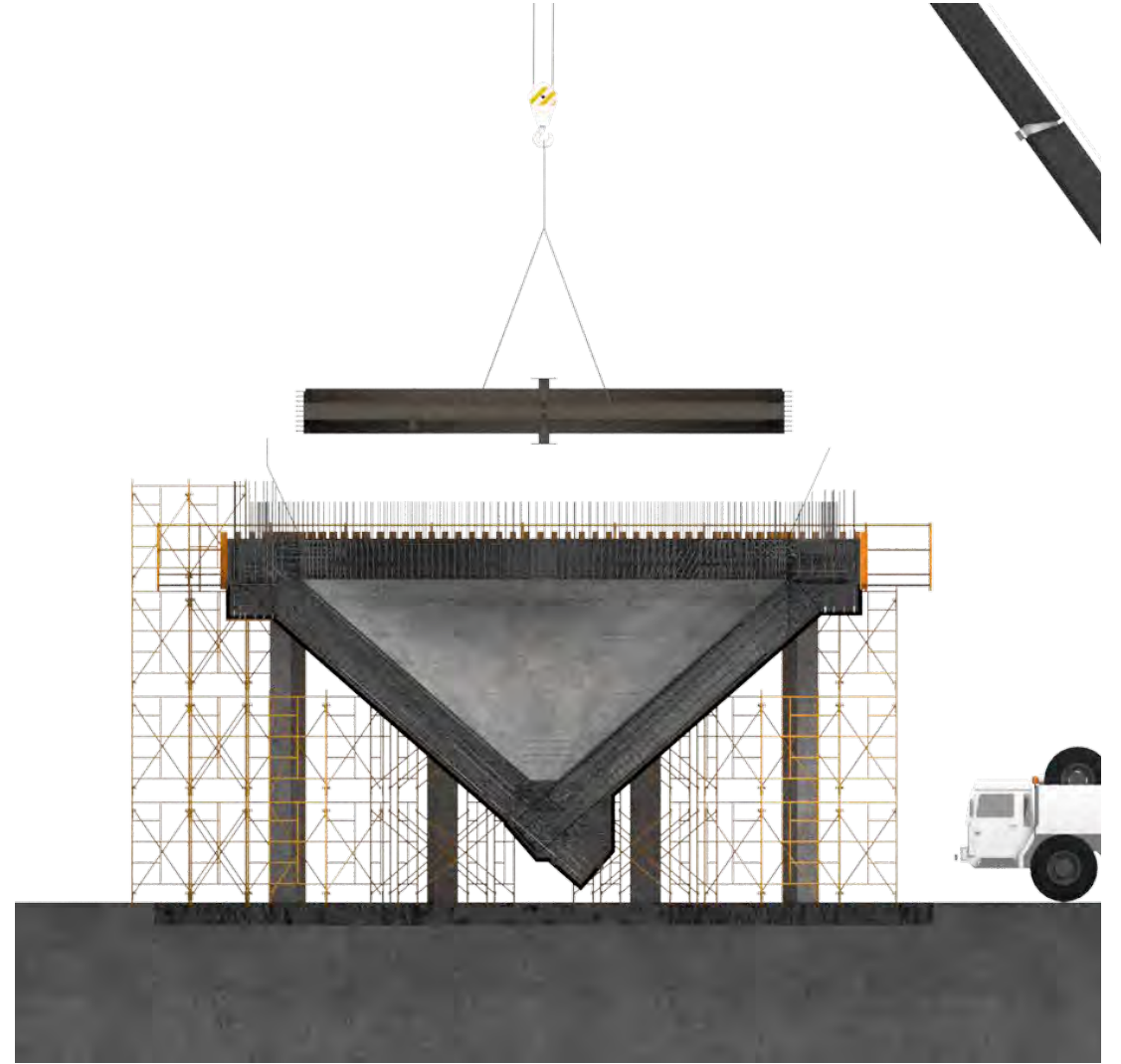
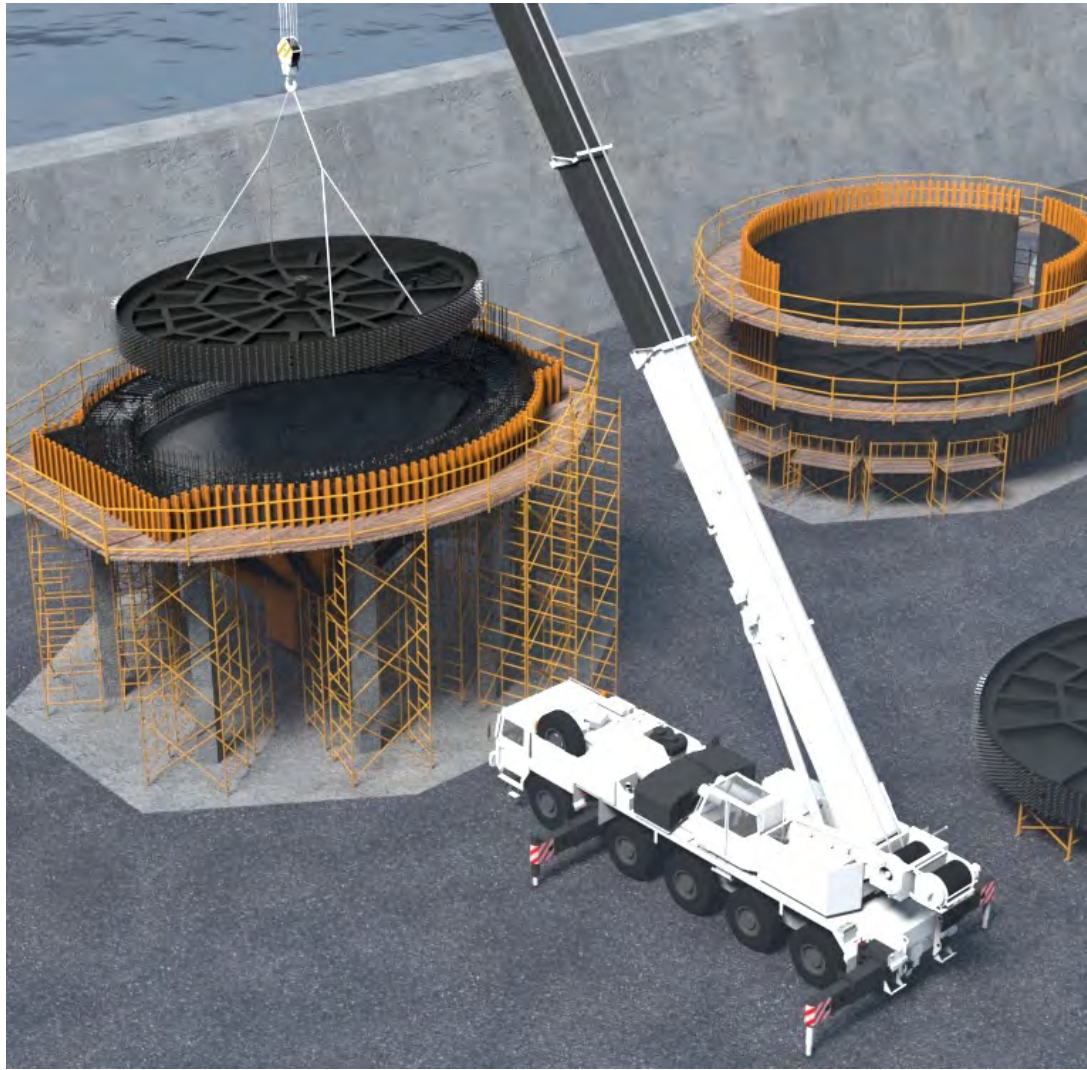


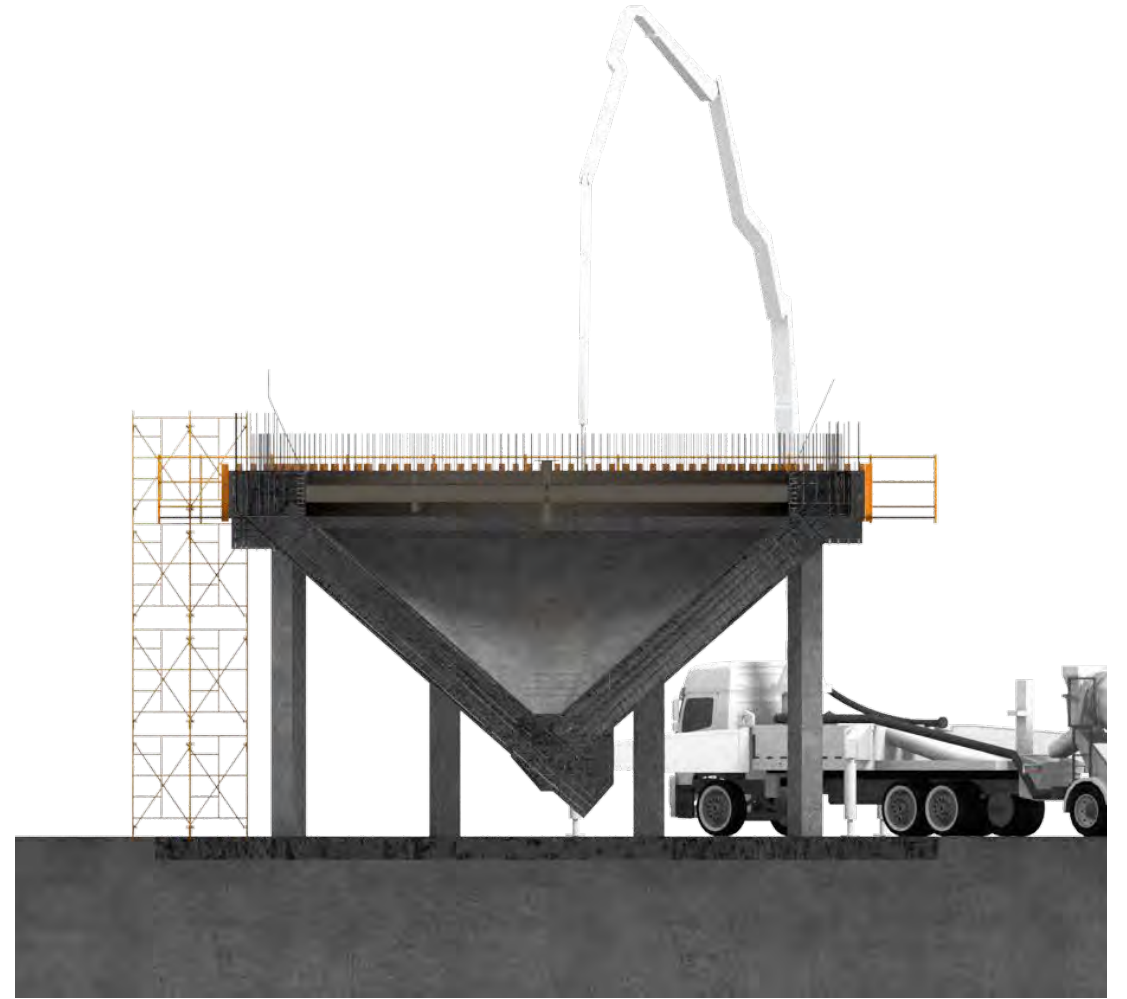


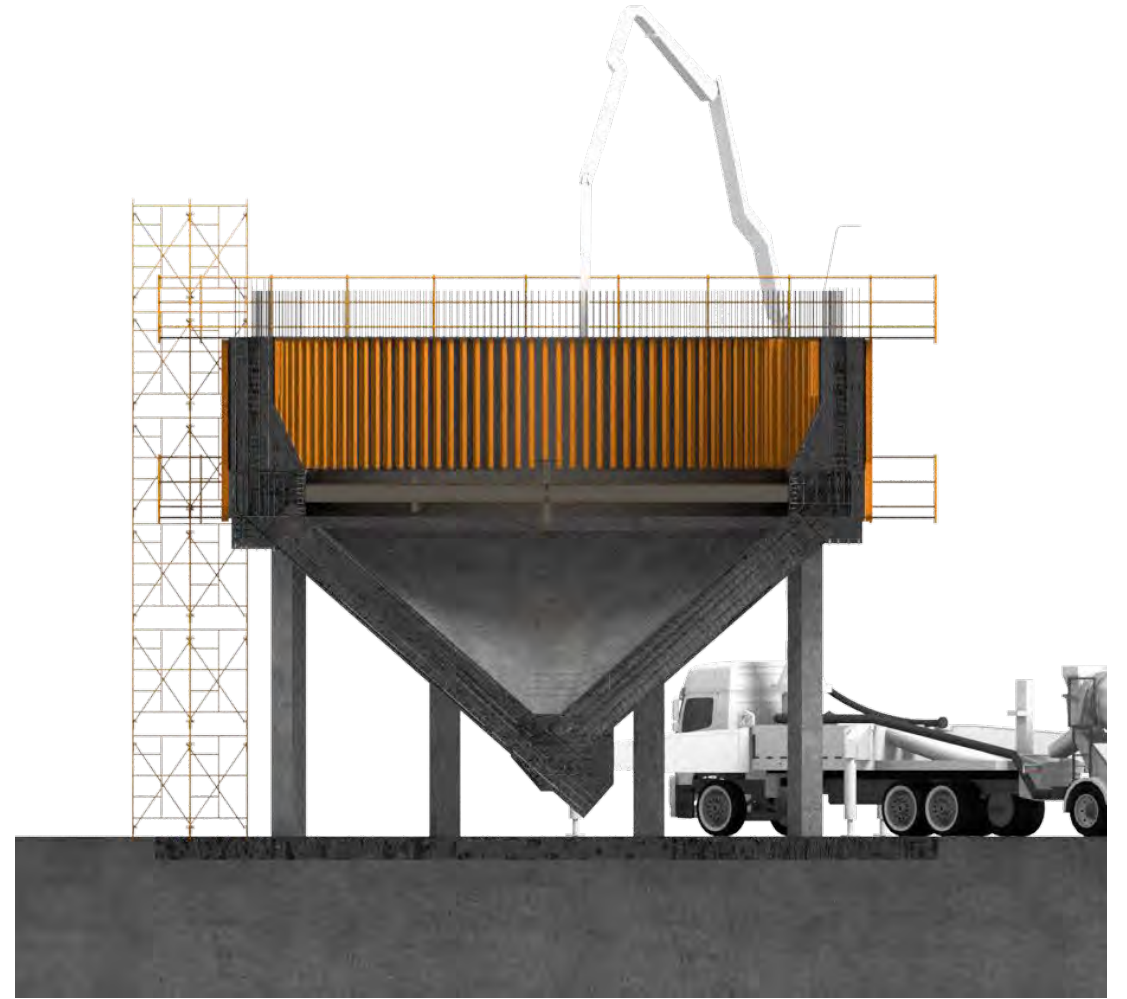
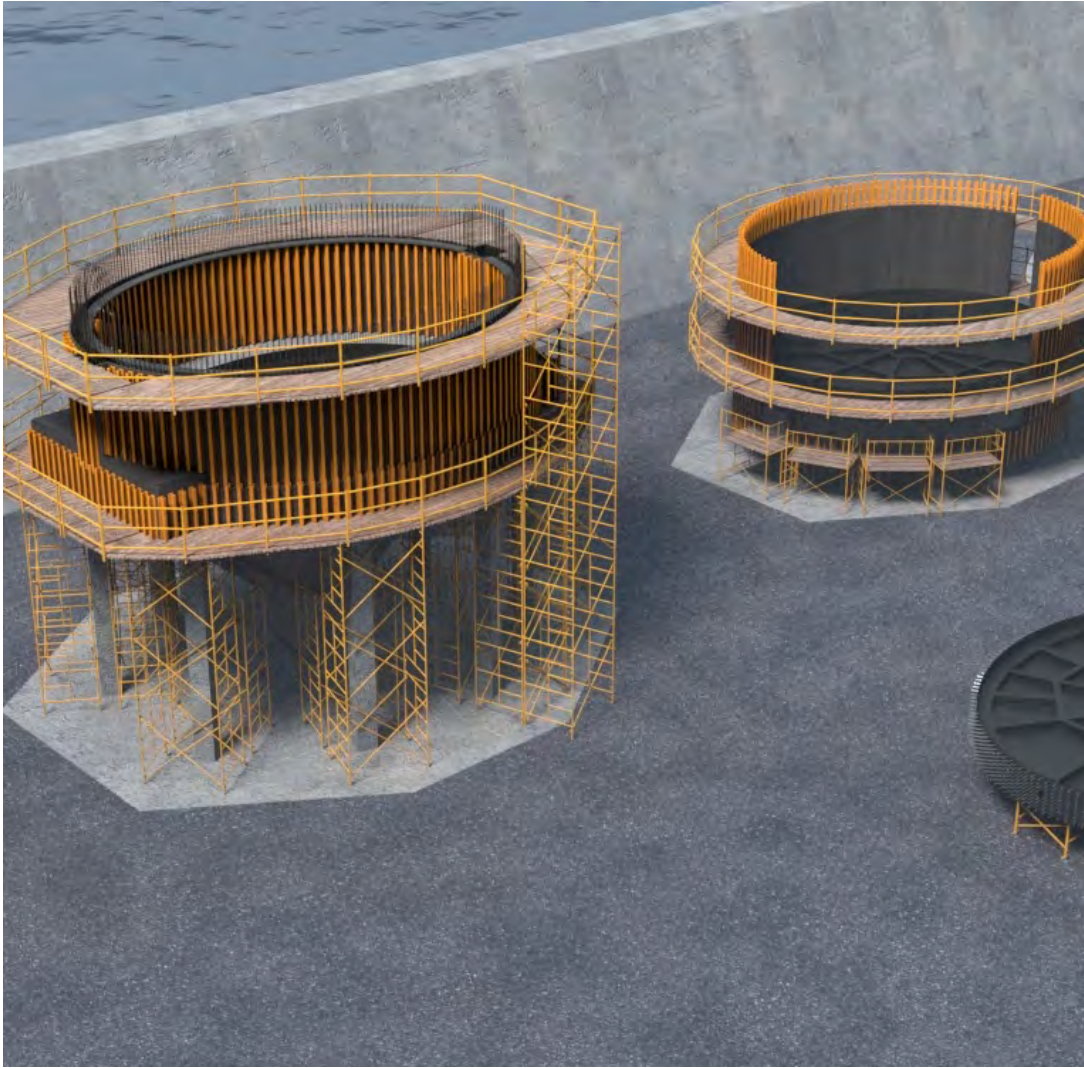


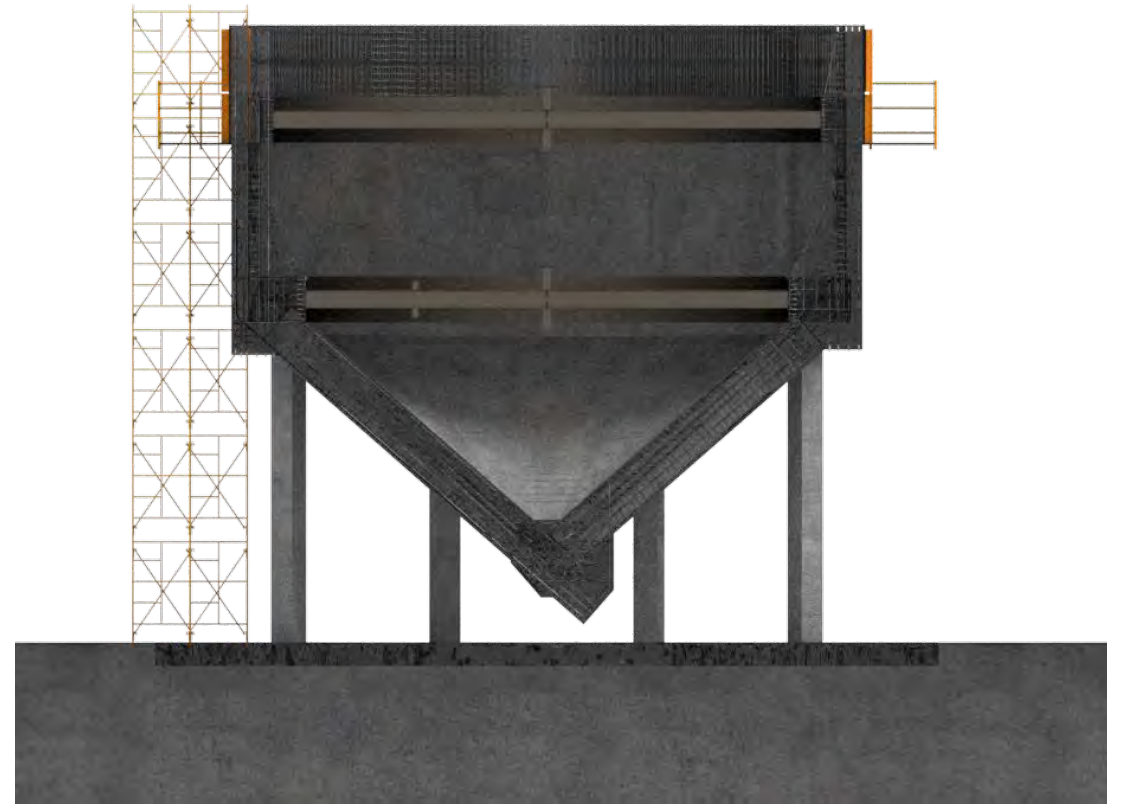
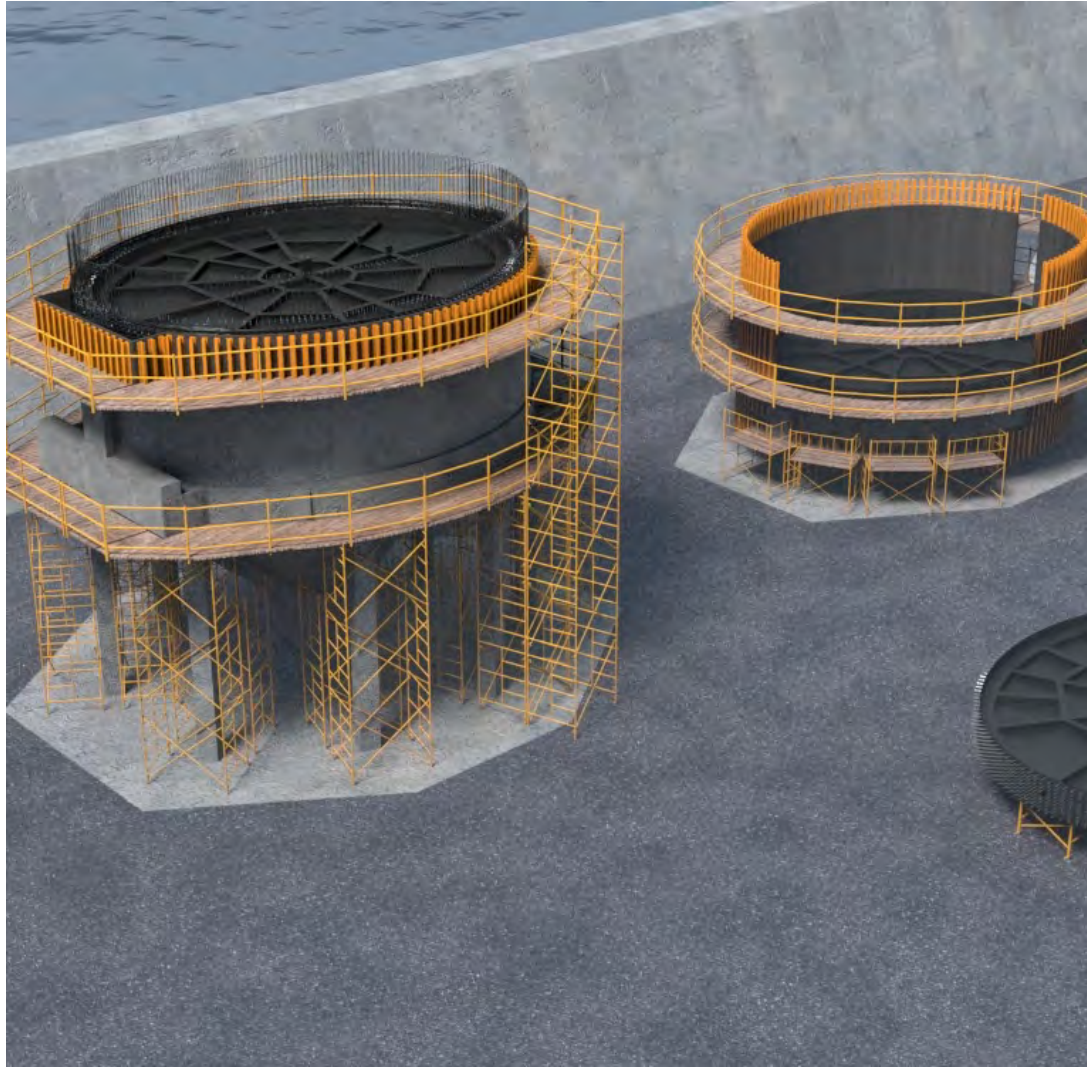


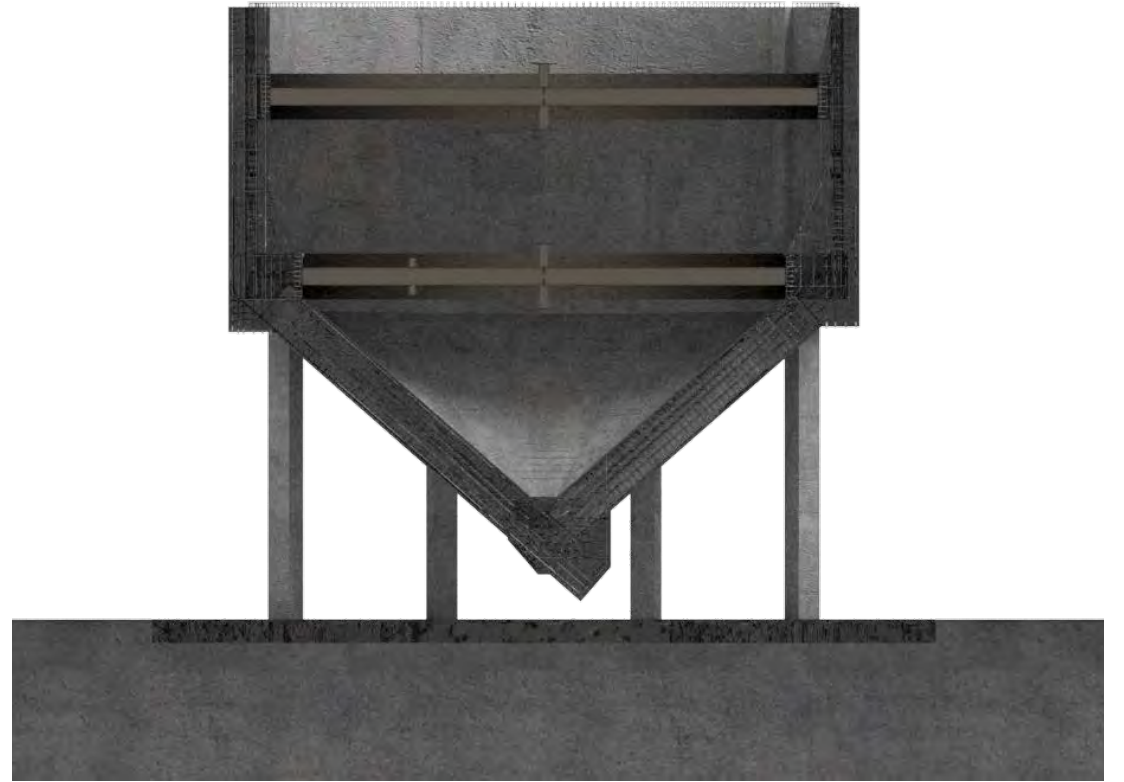
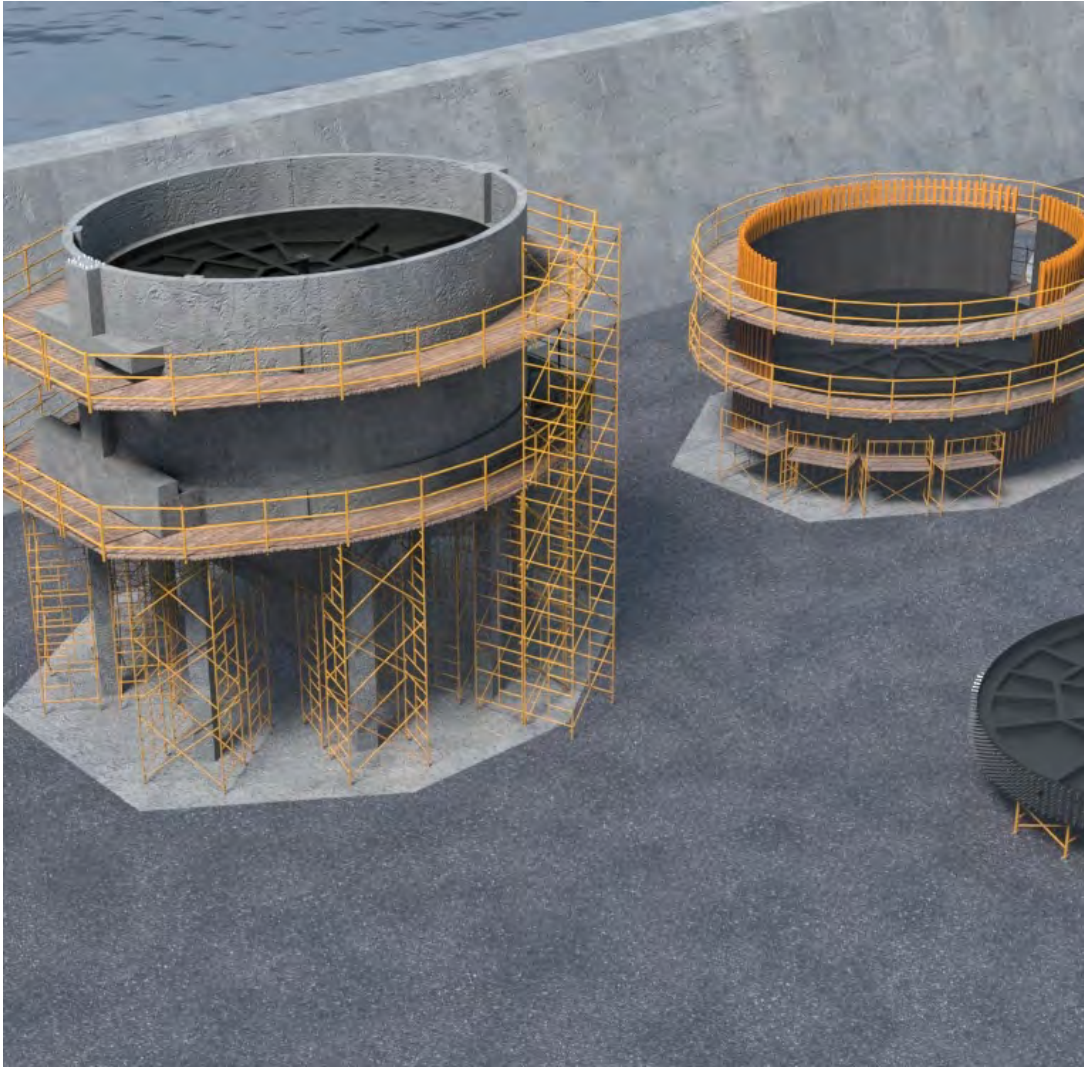
















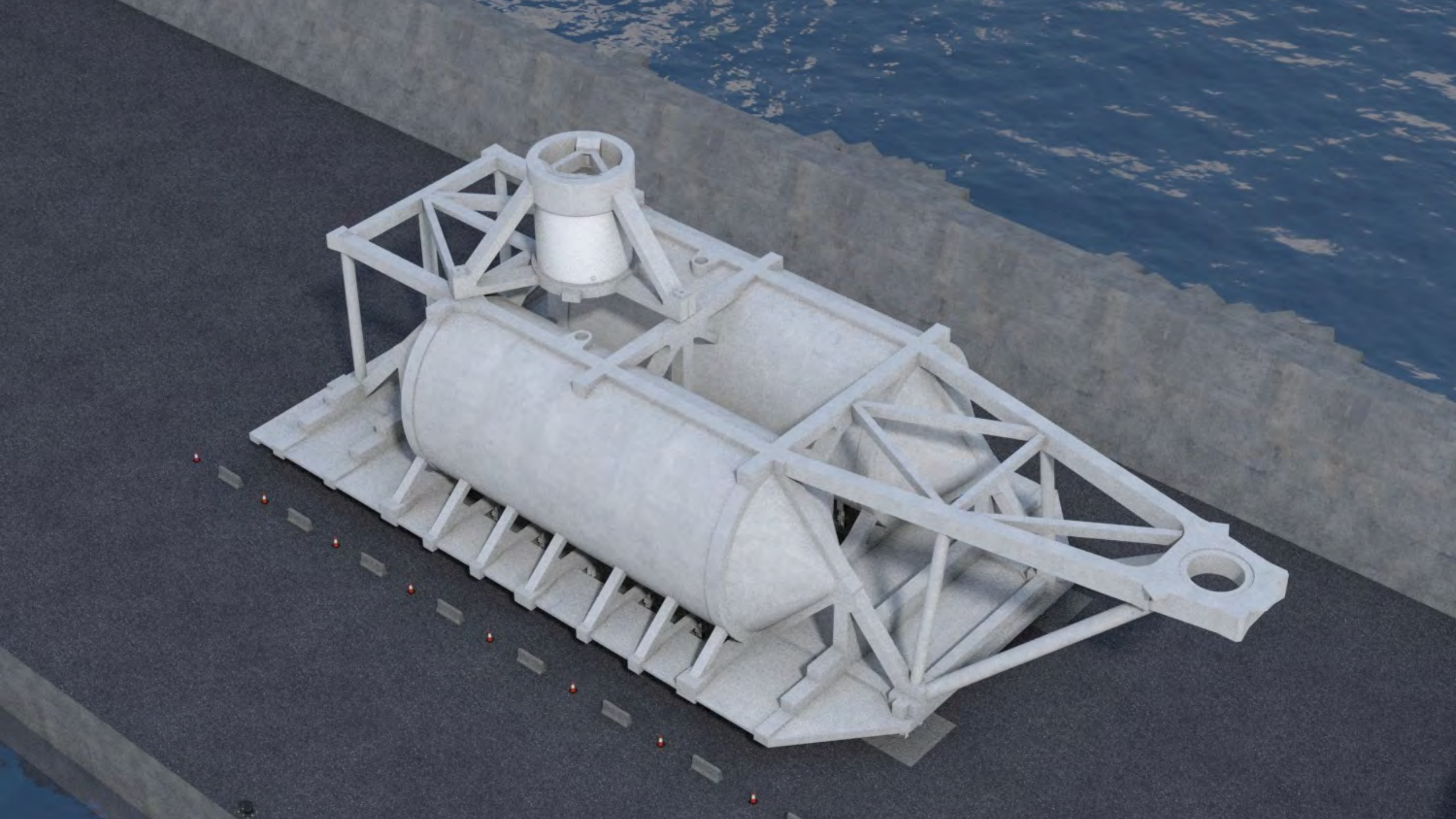




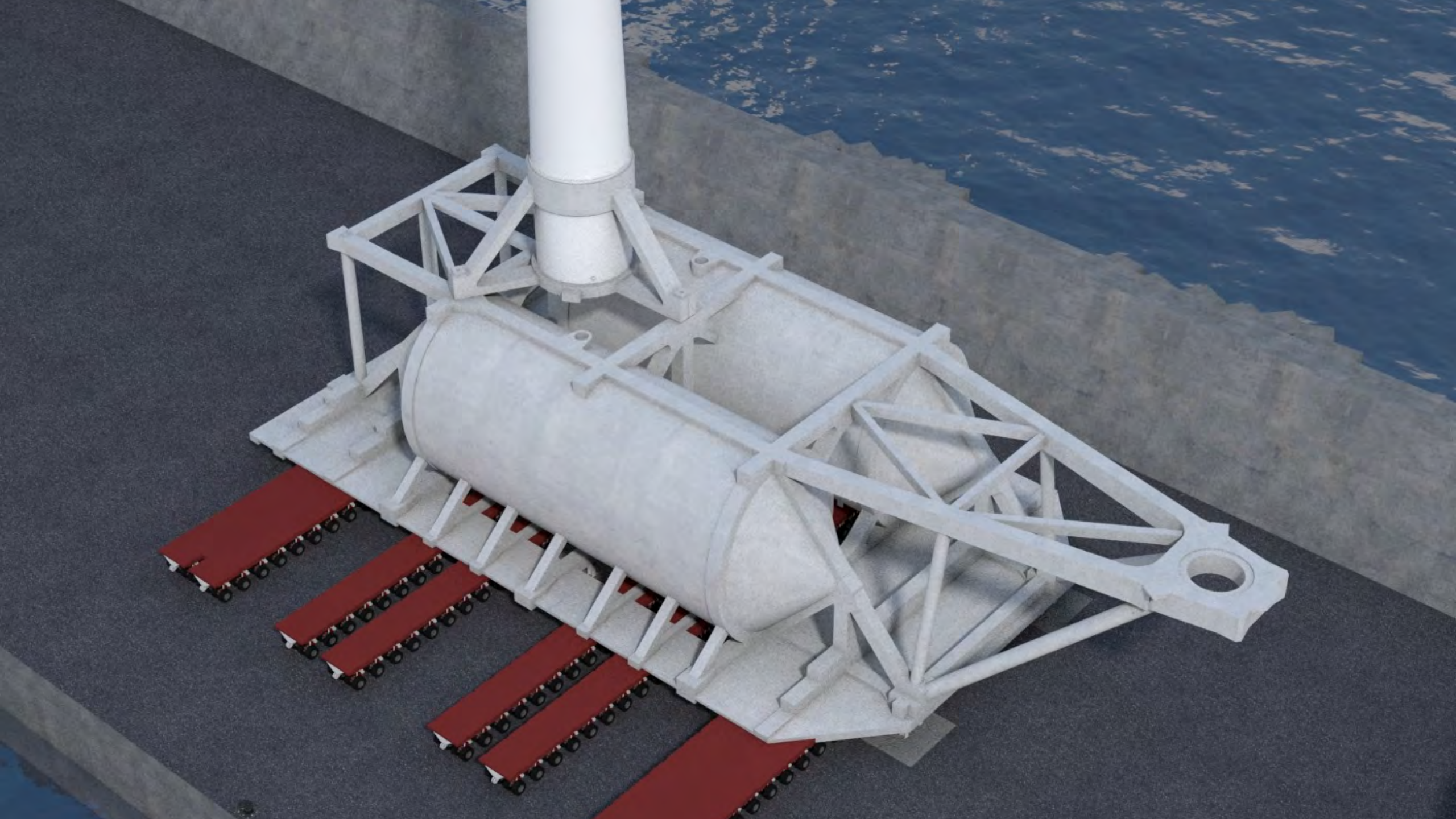


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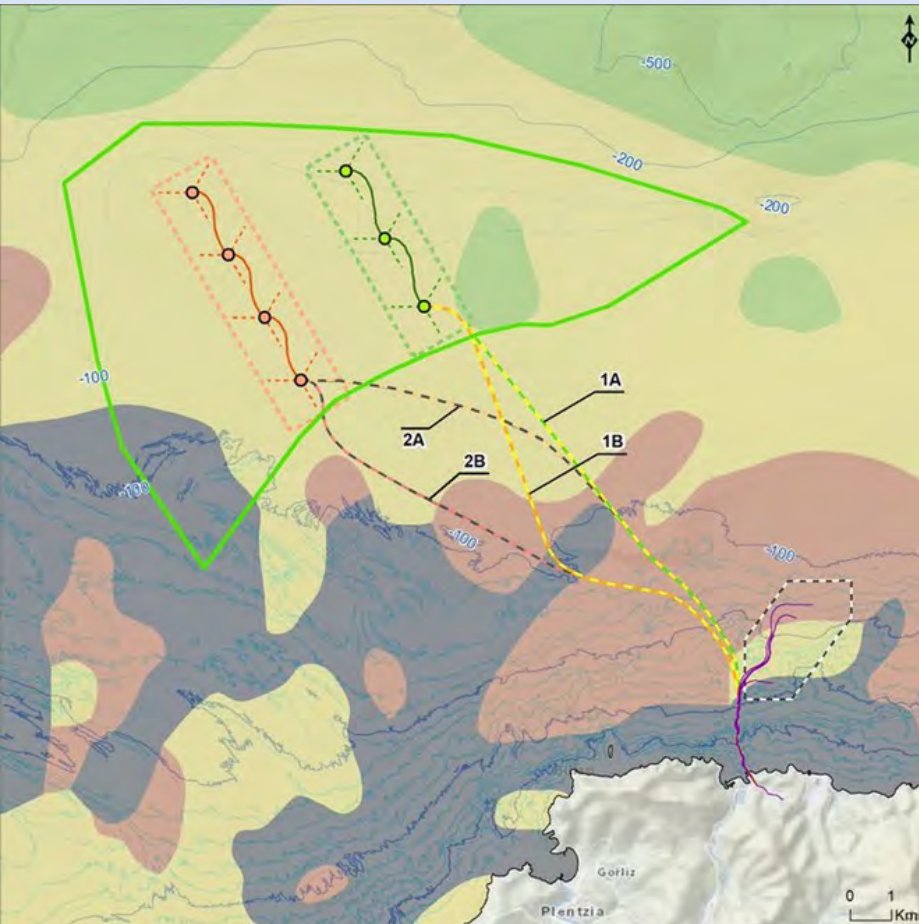
What's next?





Spain
45-48MW
3-4WTG

USA
48MW
4WTG



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