



Glosten

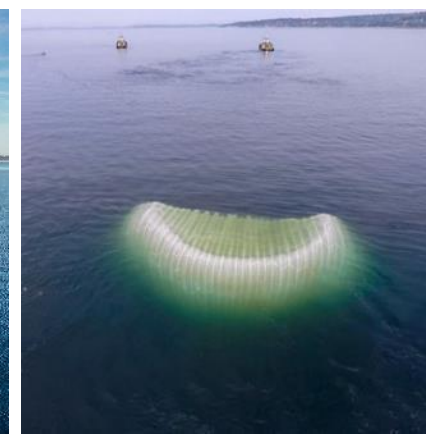
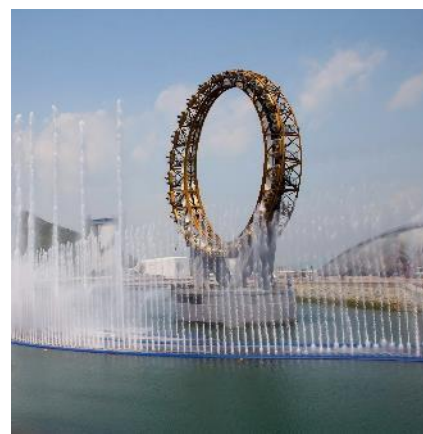
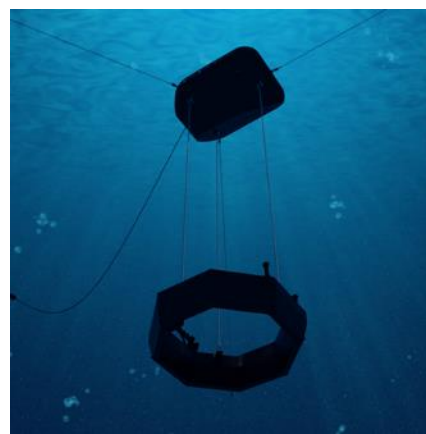
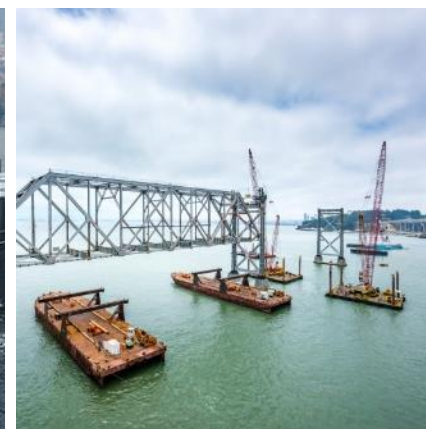
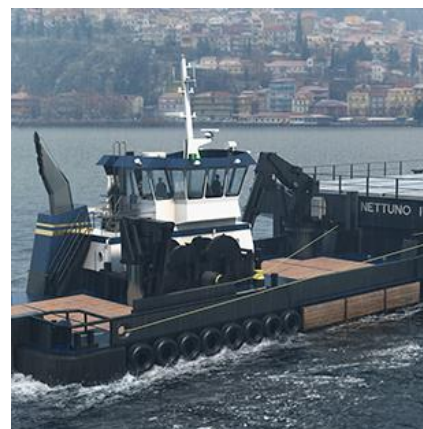


PELSTAR
A GLOSTEN COMPANY

Perspective on Floating Wind Supply Chain Opportunities

DELIVERING UNIQUE SOLUTIONS.

The depth and breadth of our experience has resulted in a body of work we're proud to showcase. From standard builds to one-of-a-kind designs, our commitment to excellence shines through in everything we do.

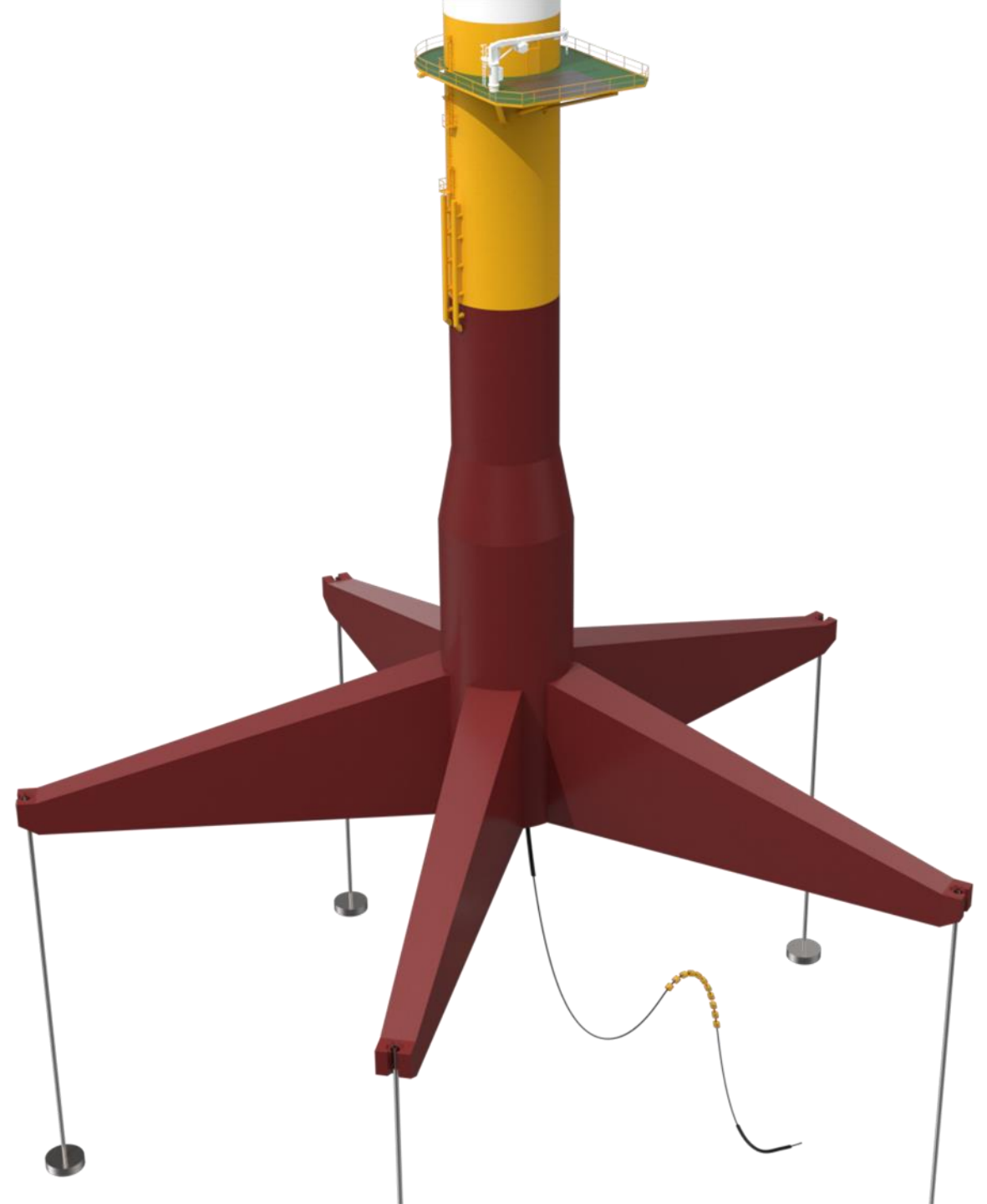


PELASTAR.

The TLP to unlock floating offshore wind energy.

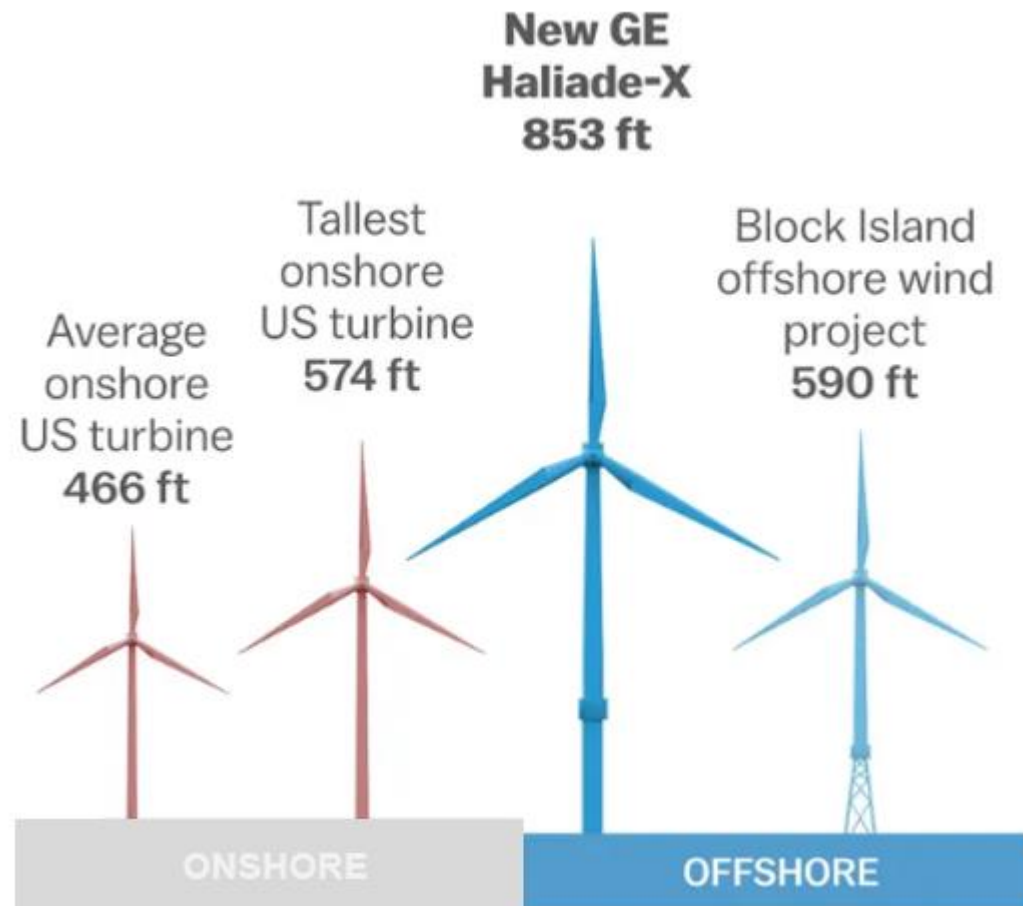
Benefits:

- Low hull mass (Cost)
- Low motions (Turbine Performance)
- Accessibility & workability (OPEX)
- Redundant tendons & anchor (Reliability)
- Compact footprint (Environmental)



SCALE.

Turbine sizes continue to increase, creating evolving challenges for the supply chain.



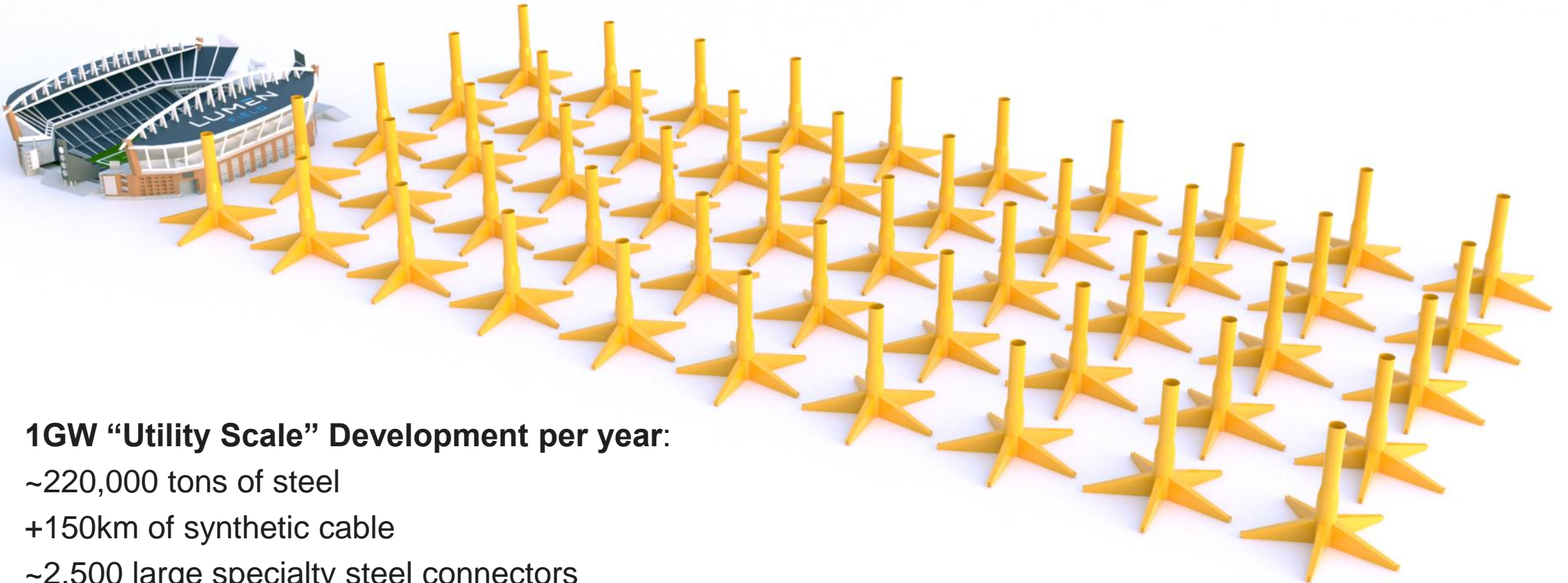
SCALE.

Floating wind turbine foundations present a challenge of scale.



SCALE.

Floating wind development ambitions are creating a once-in-a-generation industrial opportunity.



1GW “Utility Scale” Development per year:

~220,000 tons of steel

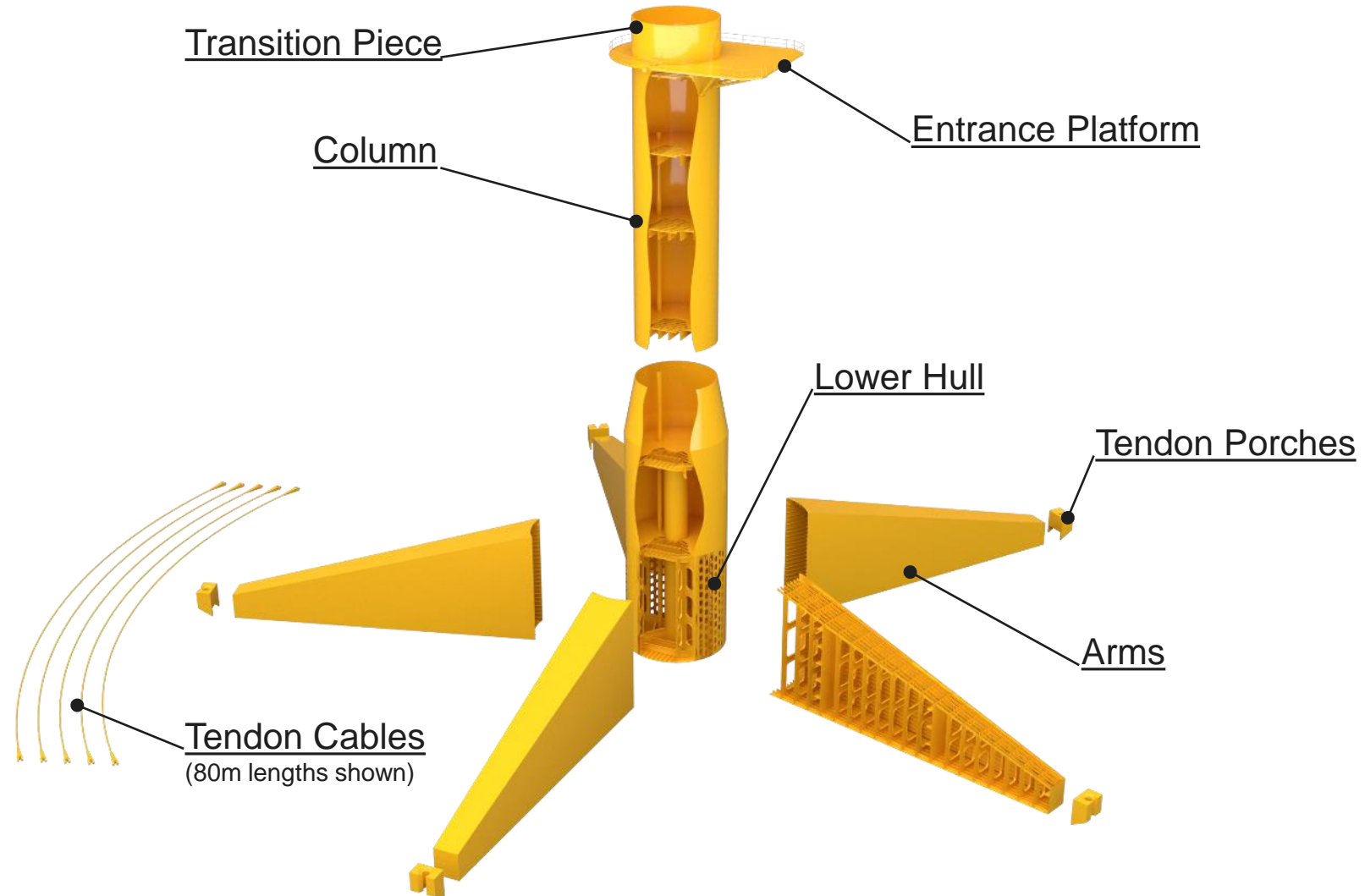
+150km of synthetic cable

~2,500 large specialty steel connectors

INDUSTRIALIZATION STRATEGY.

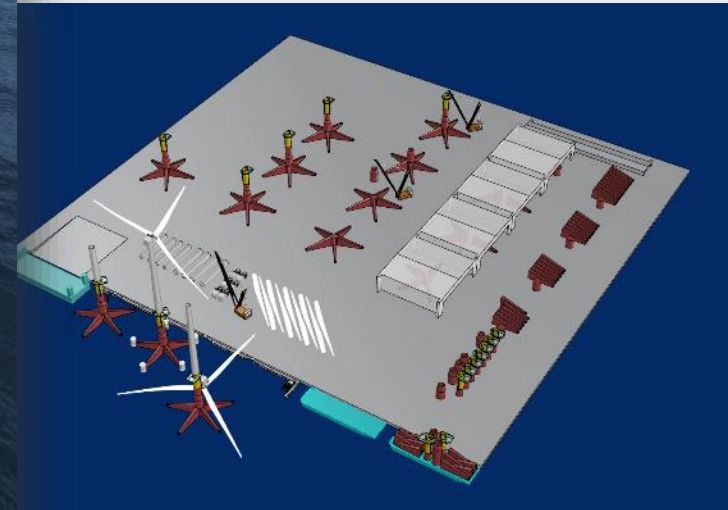
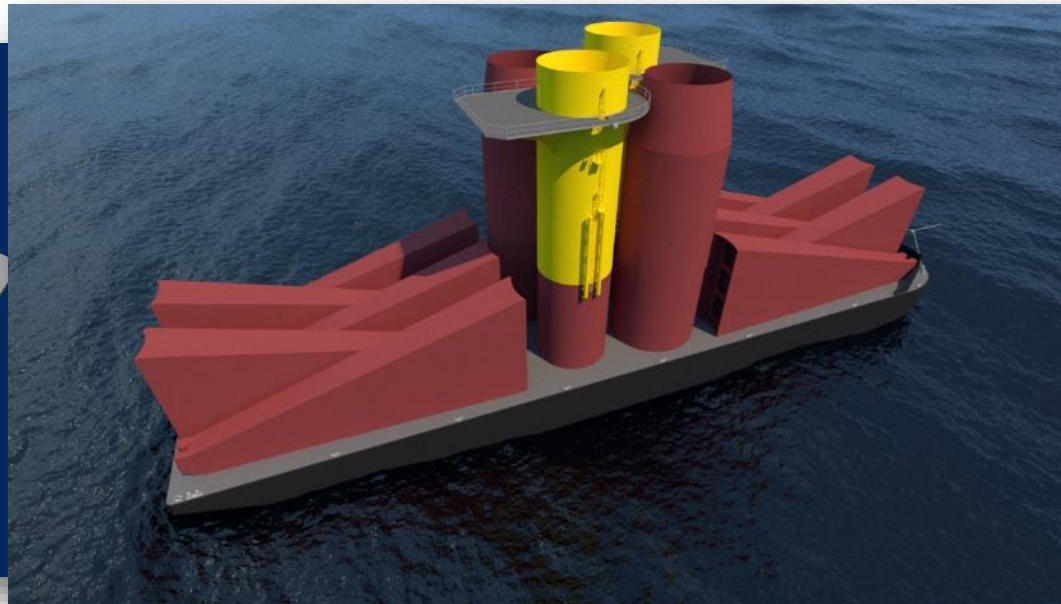
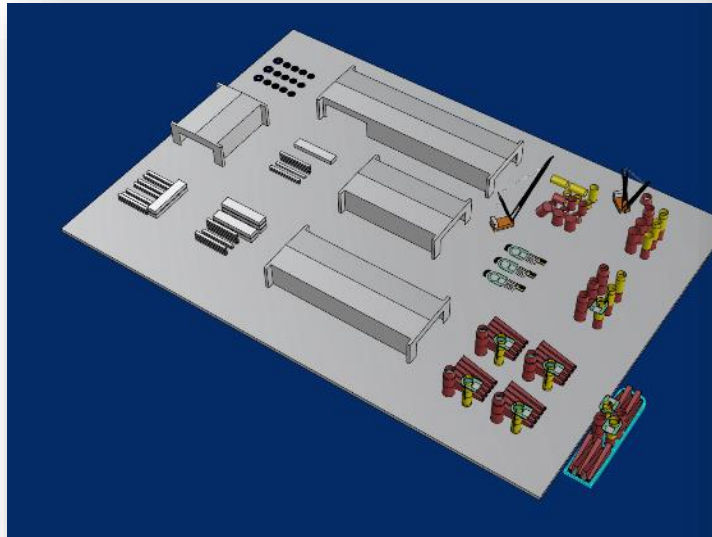
Modular fabrication to enable:

- Design optimization, per component.
- Regional flexibility for investments.
- Pragmatic scale-up options.



INDUSTRIALIZATION STRATEGY.

Integrated design approach to fabrication, transportation & assembly with options for turbine integration and deployment



SUPPLY CHAIN SCALE UP.

California's lease auctions initiated the process, here on the West Coast. Where, when and how those projects will be built & deployed is the next challenge.



PATH FORWARD.

We are building a partner ecosystem that starts here in the Puget Sound. Space, equipment and people will be needed:

PelaStar:

- Tendon cable manufacture
- Tendon connector manufacture
- Hull modules
- Vessels – transport, marshalling, deployment

Additional Supply Chain demands:

- Anchors
- Towers
- Blades
- Safety & Monitoring Equipment



THANK YOU.

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