



Glosten

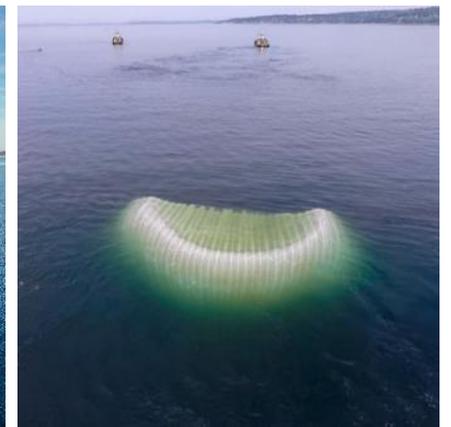
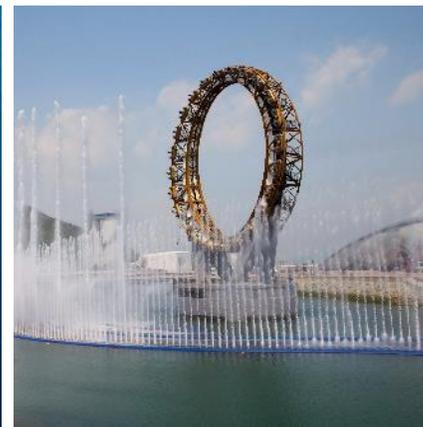
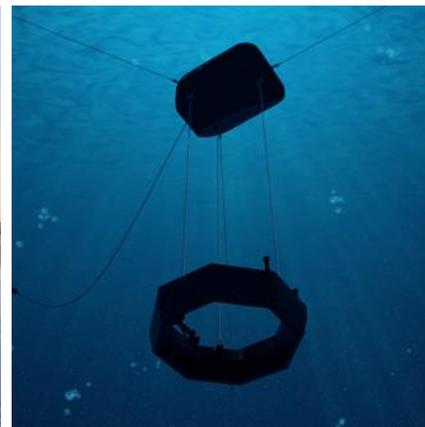
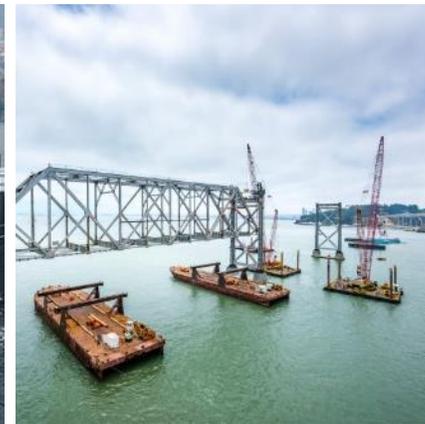
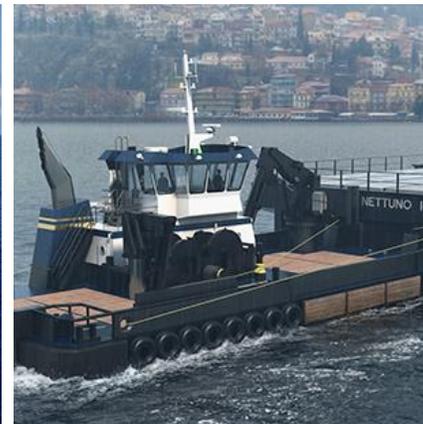


PELASTAR  
A GLOSTEN COMPANY

## 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.

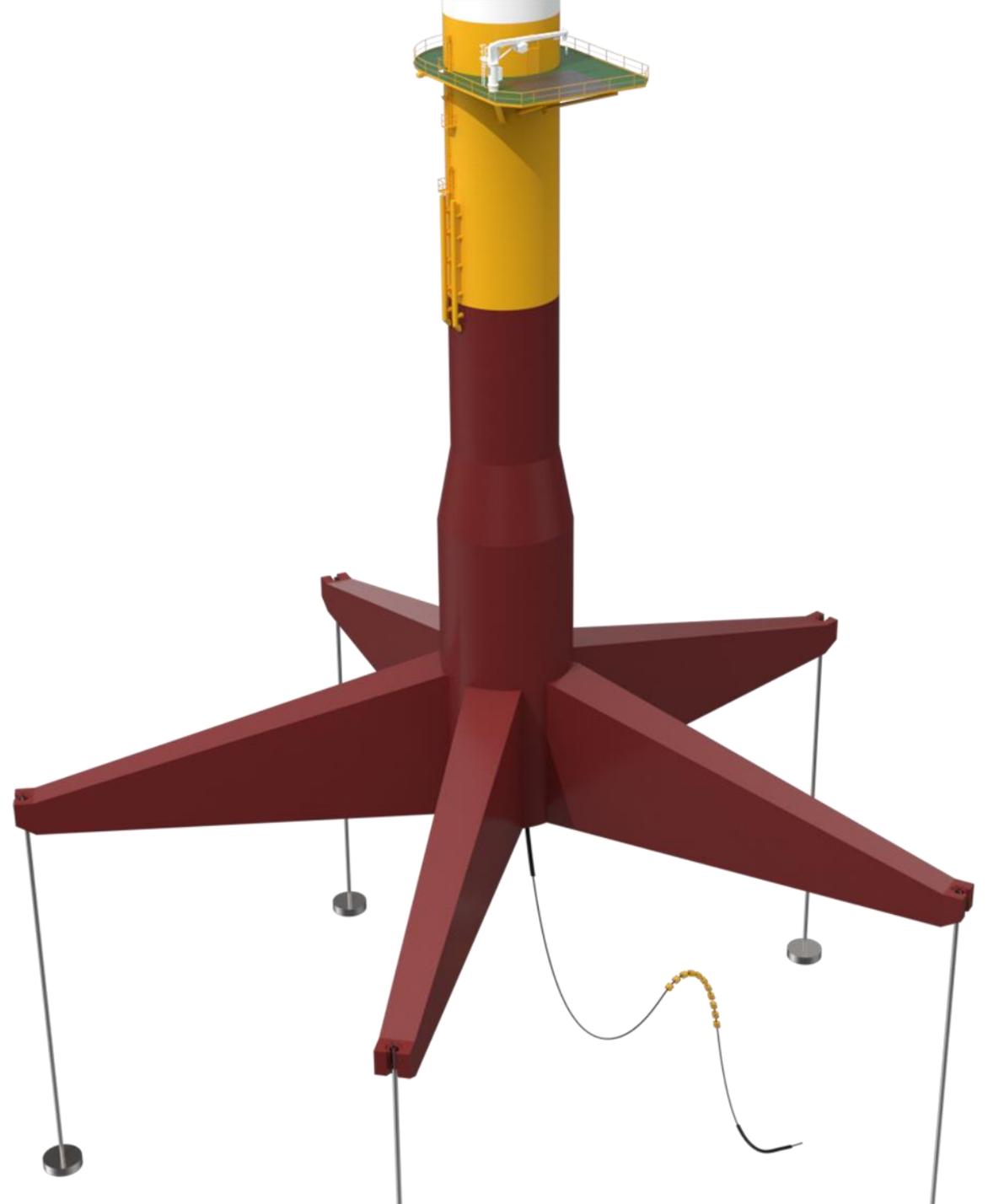


# PELASTAR.

*The TLP to unlock floating offshore wind energy.*

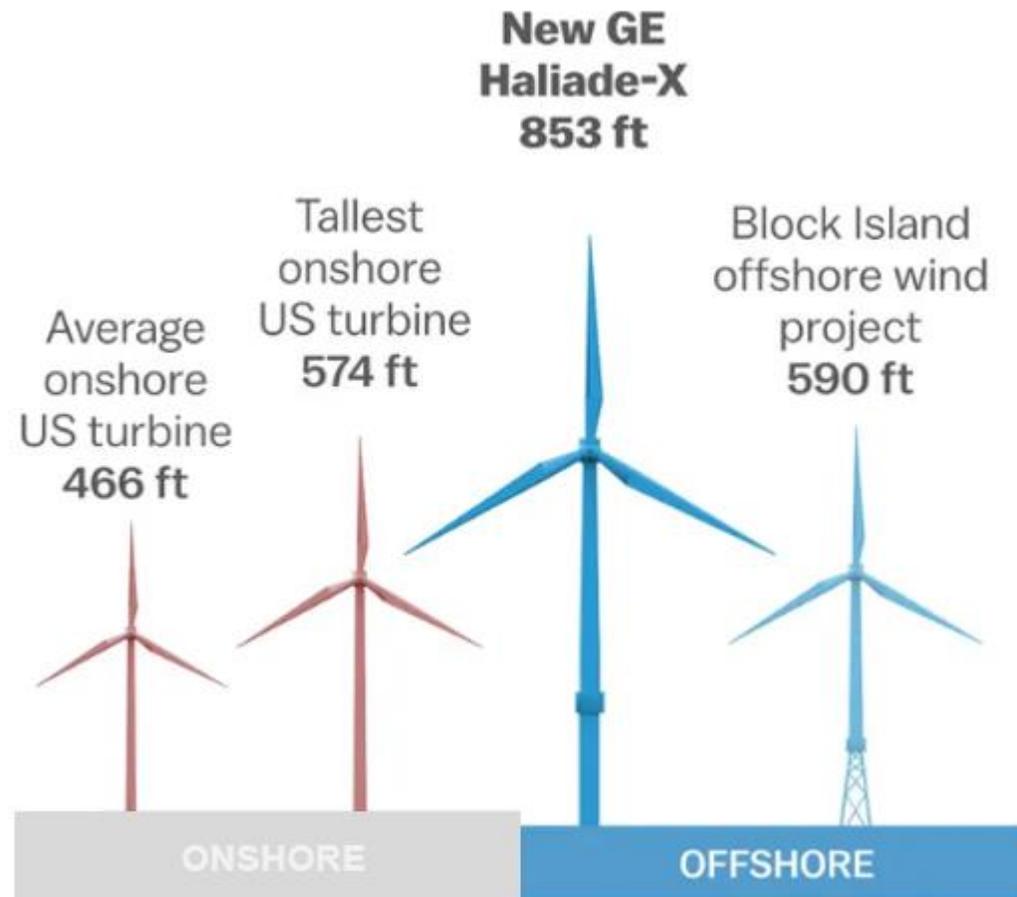
## Benefits:

- 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.



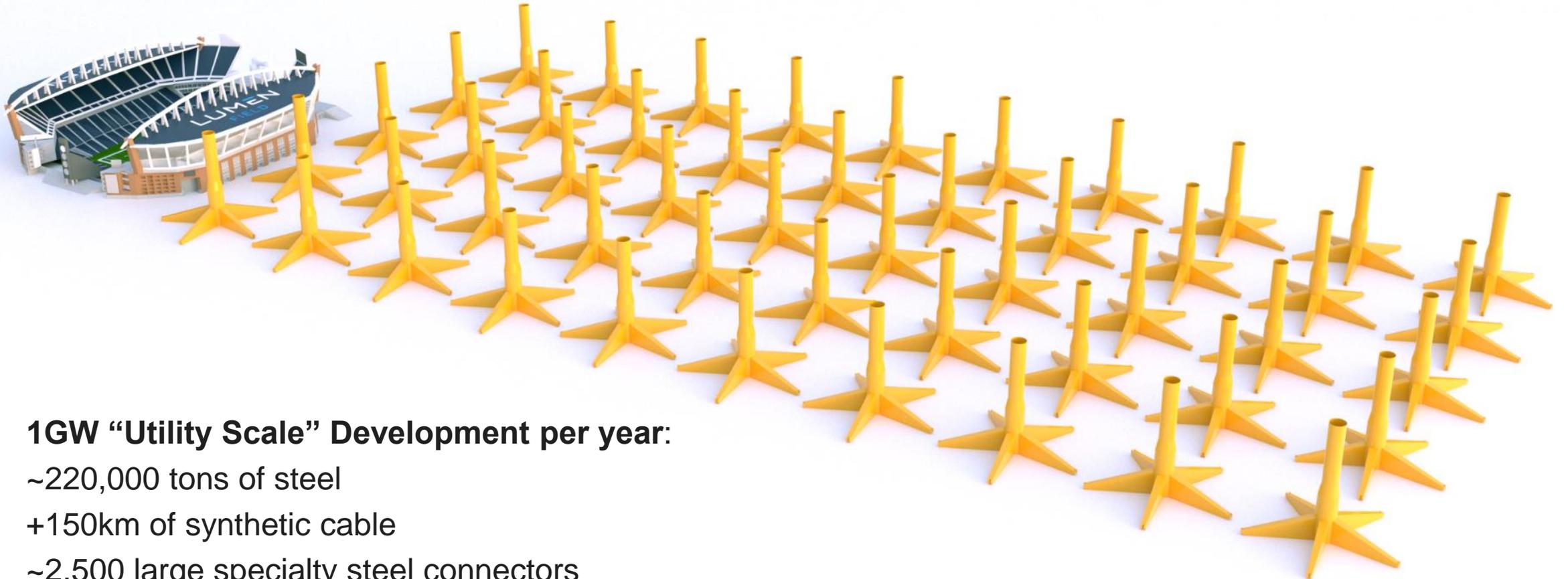
# SCALE.

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

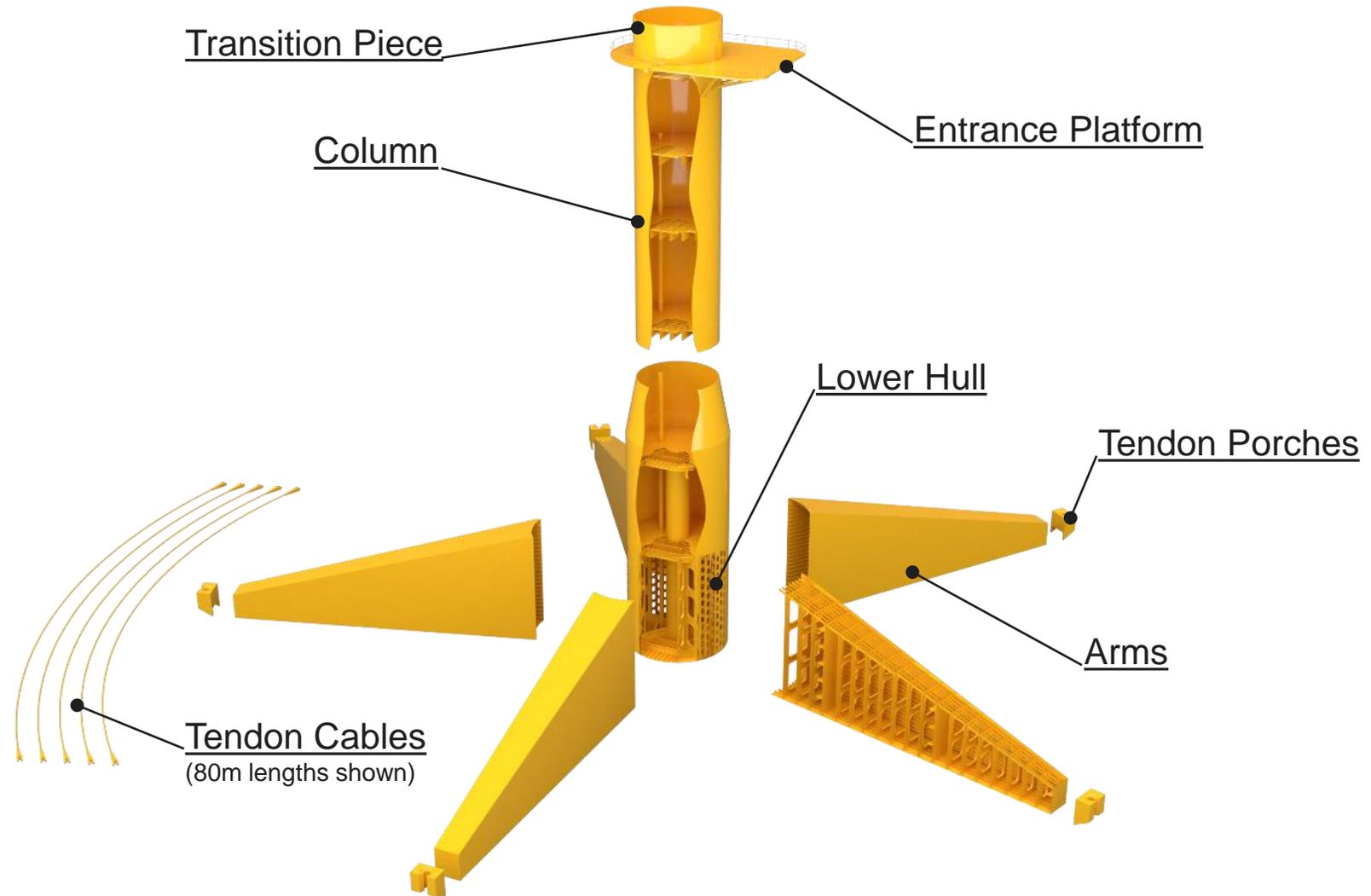
+150km of synthetic cable

~2,500 large specialty steel connectors

# INDUSTRIALIZATION STRATEGY.

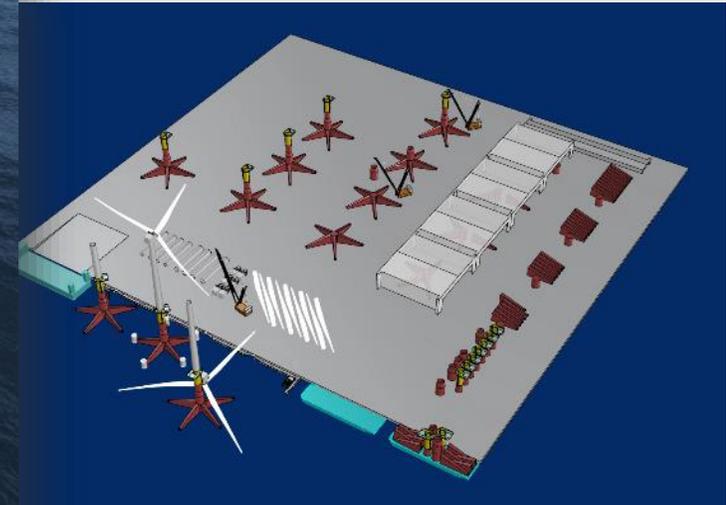
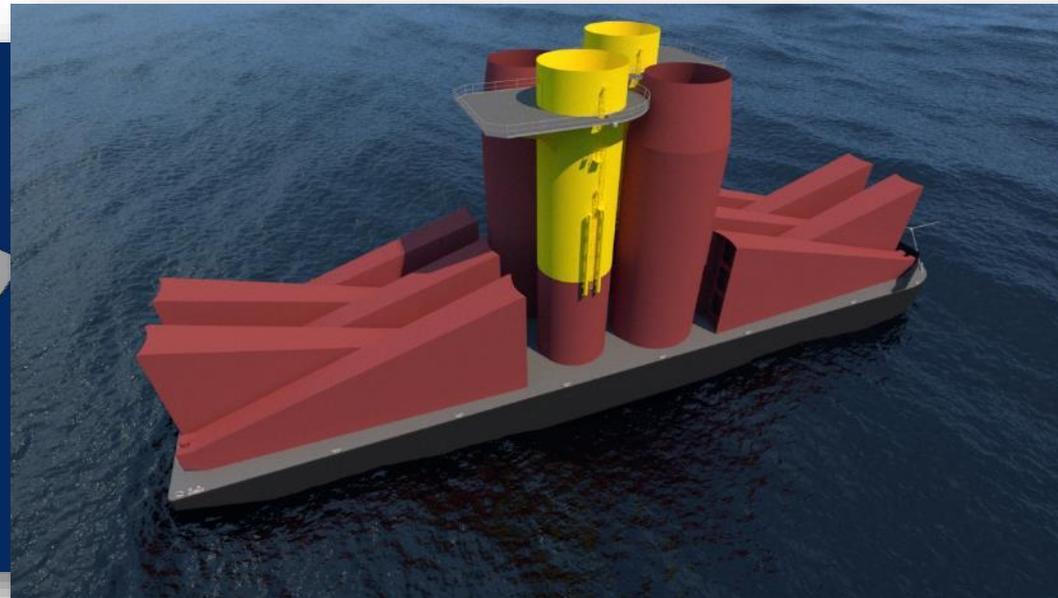
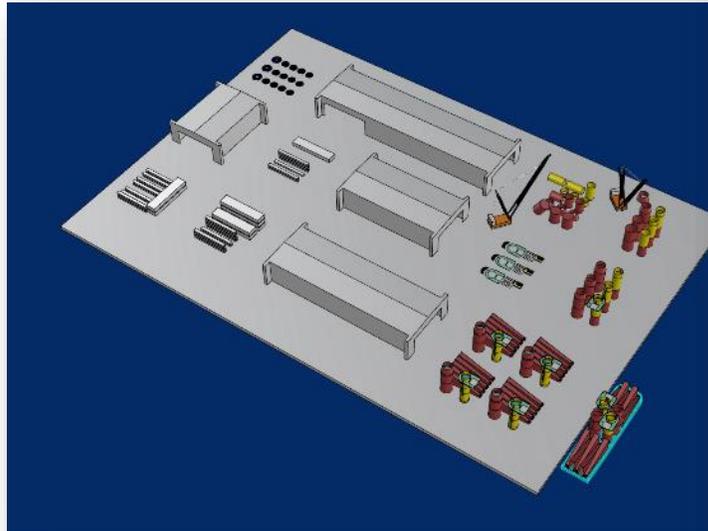
Modular fabrication to enable:

- 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.

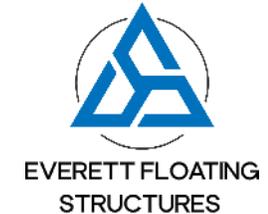
We are building a partner ecosystem that starts here in the Puget Sound. Space, equipment and people will be needed:

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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