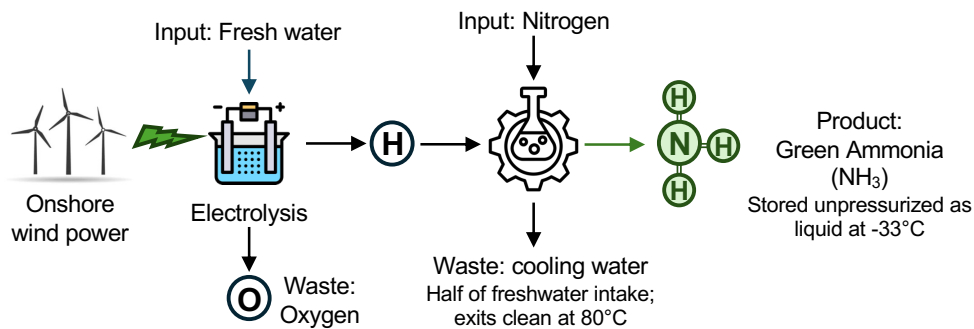


ADAK ISLAND GREEN AMMONIA PROJECT

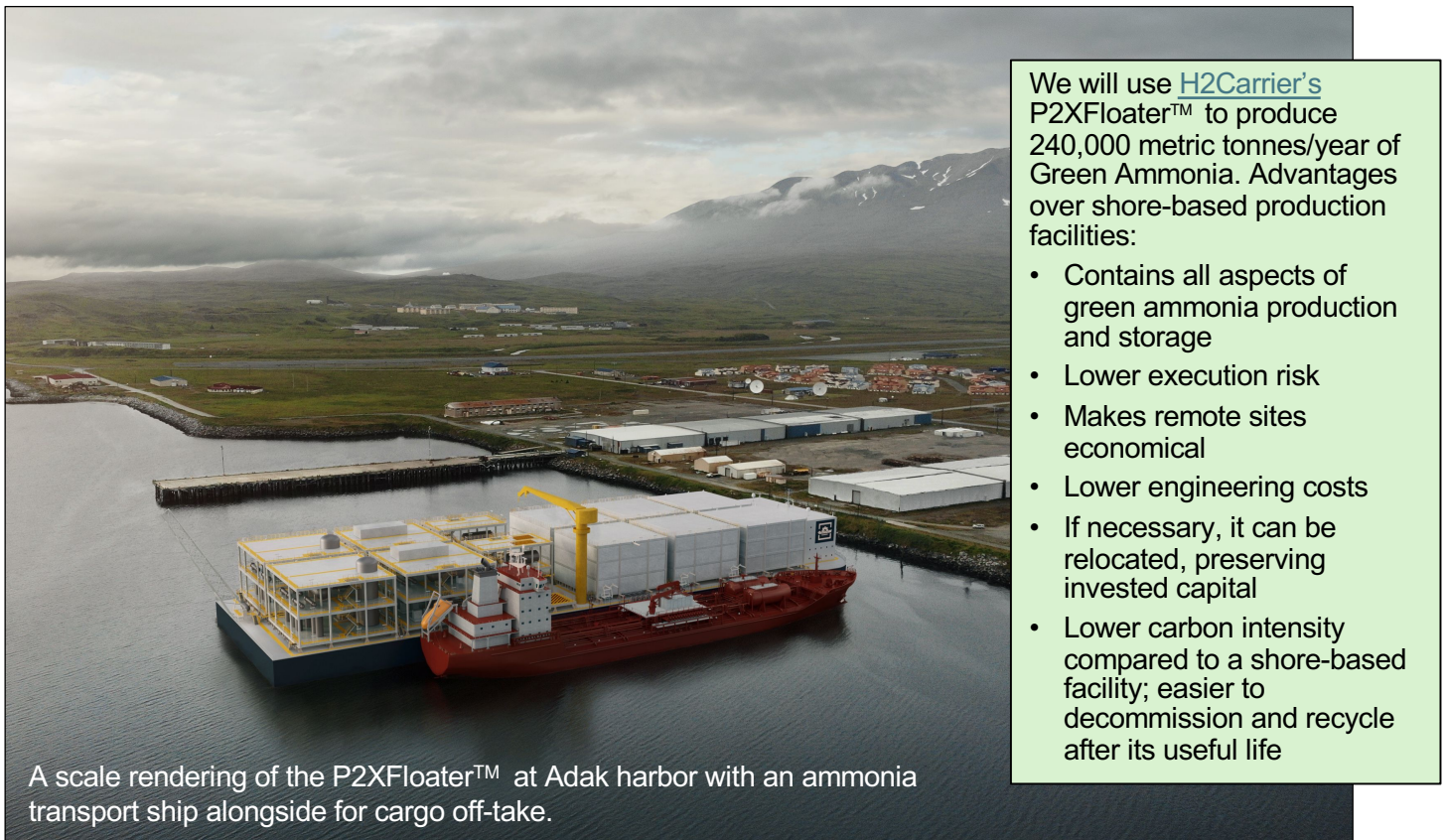
PROVIDING THE INDUSTRIAL POWER & MARITIME MARKETS WITH A ZERO EMISSION FUEL

Green Ammonia can be used to replace coal and natural gas in existing power plants to generate industrial power with zero harmful emissions. It is also being used to decarbonize the shipping industry by replacing bunker oil and diesel. Onshore wind energy will be used to generate electricity, which will power electrolysis of water to create hydrogen. To facilitate easier, and safer transport to energy markets, the hydrogen will be synthesized with nitrogen from the air, to produce ammonia.



Pacific H2 has secured a site at Adak Island, Alaska. This is the shortest shipping distance from the U.S. to key Asian markets such as Japan and South Korea.

- Closest U.S. port to Asia: 2,313 nm to Japan, more than 1,000nm closer than Hawaii
- Located at 51° North (the same latitude as London), Adak is an ice-free deep-water port
- Location of a military base from WWII until 1998. Much of the infrastructure is usable with some repairs; including housing, fuel storage, roads, and a dock. The airport has commercial service.



We will use [H2Carrier's P2XFloater™](#) to produce 240,000 metric tonnes/year of Green Ammonia. Advantages over shore-based production facilities:

- Contains all aspects of green ammonia production and storage
- Lower execution risk
- Makes remote sites economical
- Lower engineering costs
- If necessary, it can be relocated, preserving invested capital
- Lower carbon intensity compared to a shore-based facility; easier to decommission and recycle after its useful life

A scale rendering of the P2XFloater™ at Adak harbor with an ammonia transport ship alongside for cargo off-take.

Our competitive advantages

No emissions and no carbon to sequester

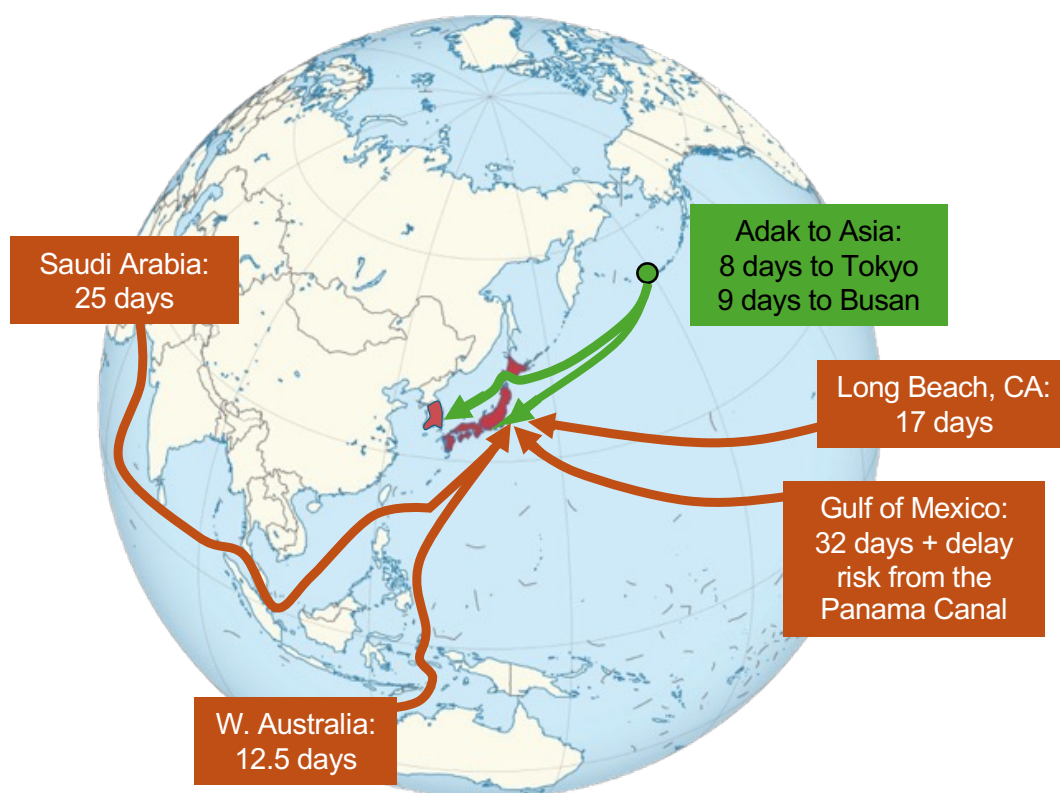
Shortest, lowest-cost transit to Asia

No “Panama Canal risk”

Excellent wind resources; geothermal potential

Predictable permitting in Alaska

Can provide ammonia for marine bunkering at Adak, and via barge, to ports along the US West Coast



Shipping time to key markets
(at 12 knots)

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