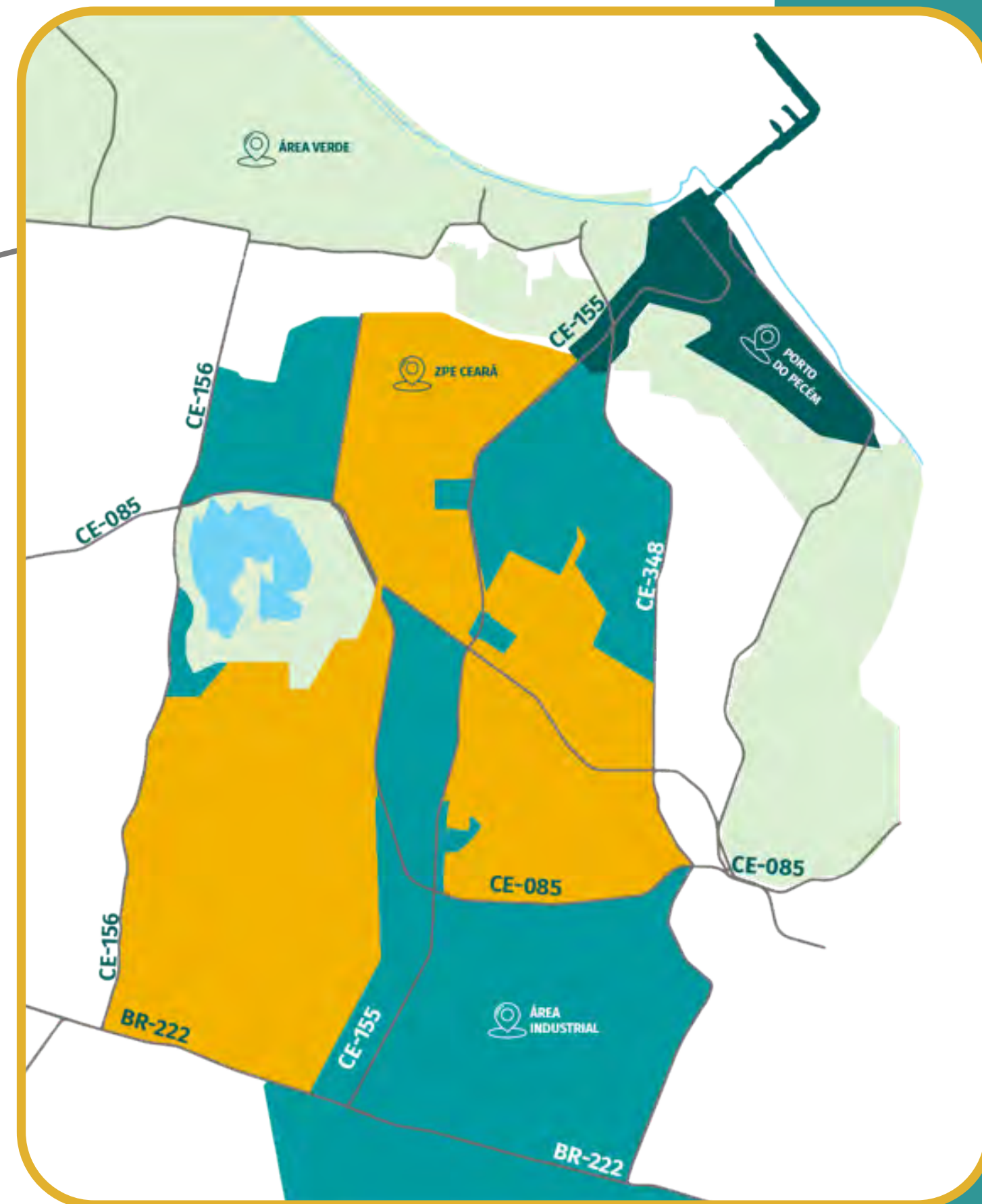


Pecem

Purpose: Create a world of opportunities and transform generations.

Mission: Attract business by providing infrastructure, port services, industrial area and Free Zone, creating sustainable development.

Vision: To become a global logistics player in the energy transition process by 2028.



30%



70%



Availability of renewable energy and access to the grid

Strong shareholders and partners

Land availability

World Bank endorsement

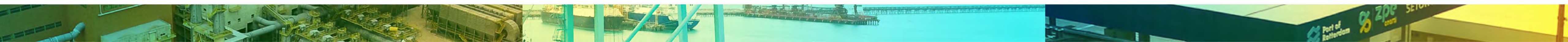
Our Value Proposition.

Logistics access including multi-purpose port

Pre-approved environmental license

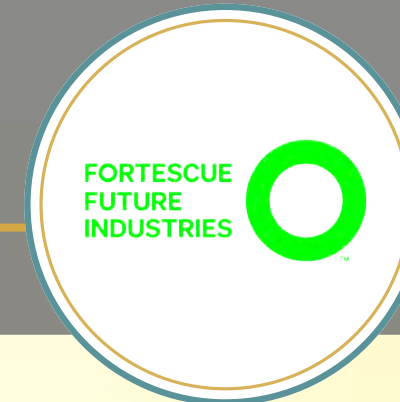
Skilled labor

Tax policies and incentives (incl. ZPE)



Where we are and where we want to go.

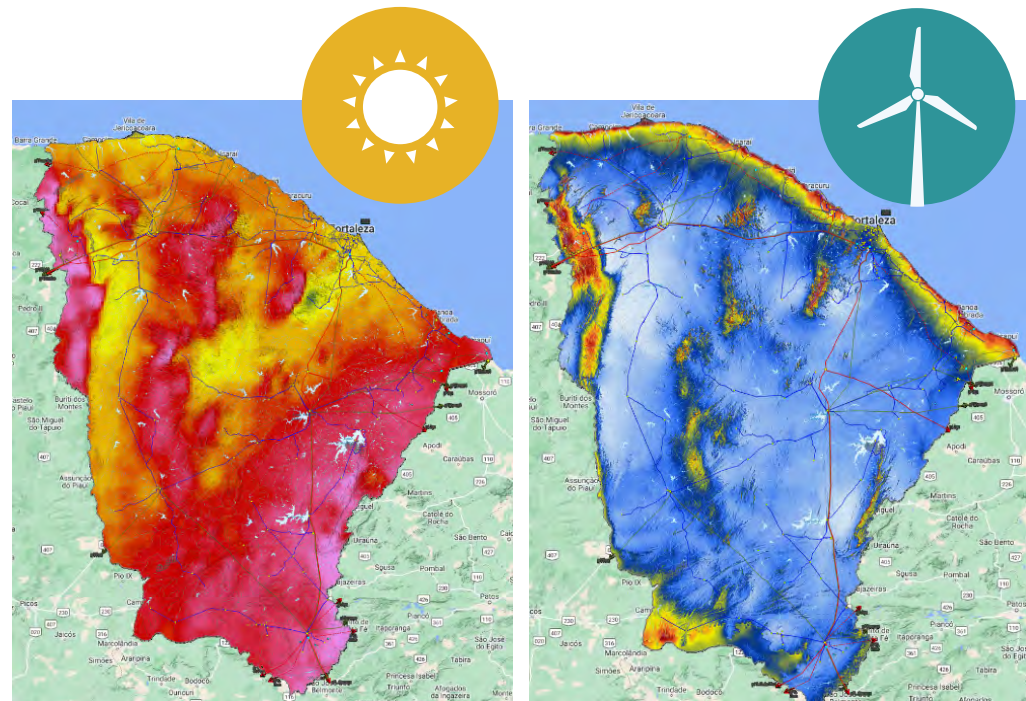
More than 30 MoU,
4 advanced projects
+ GH2 Pilot Production since Dec22



Become the main GH2
hub in Brazil and the
main exporter to Europe
via Rotterdam



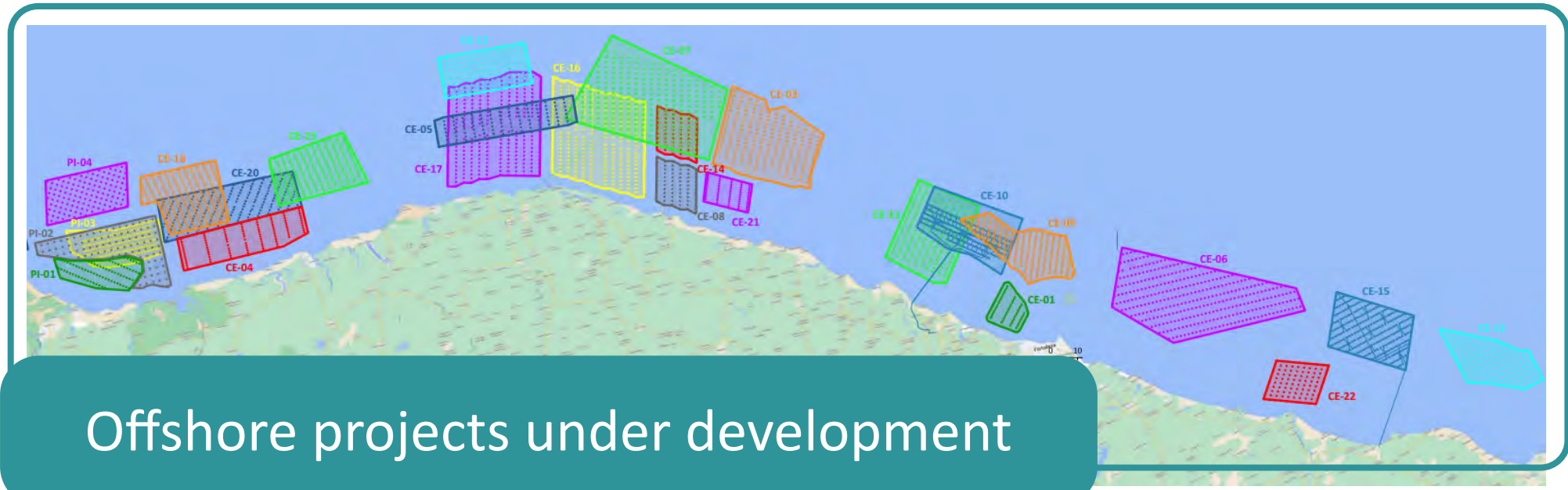
Our competitiveness.



SOLAR GENERATION POTENTIAL: **643 GW**

WIND GENERATION POTENTIAL: **ONSHORE: 94 GW OFFSHORE: 117GW**

HYBRID POTENTIAL: **137 GW**

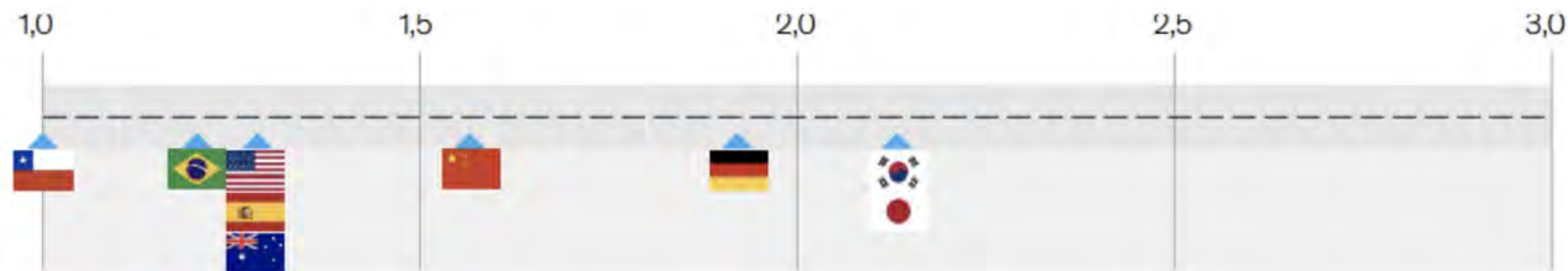


Offshore projects under development

+50 GW

Cost 2030

Benchmark de LCOH, 2030 USD/kg de H₂

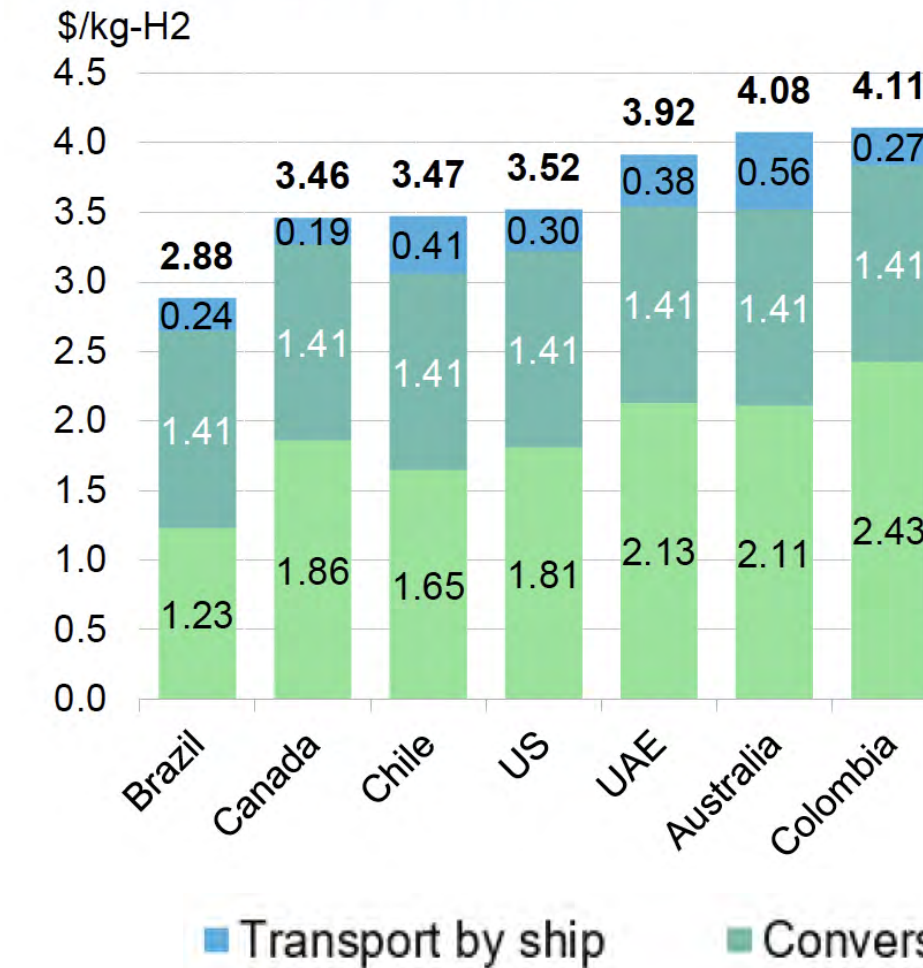


Source: McKinsey

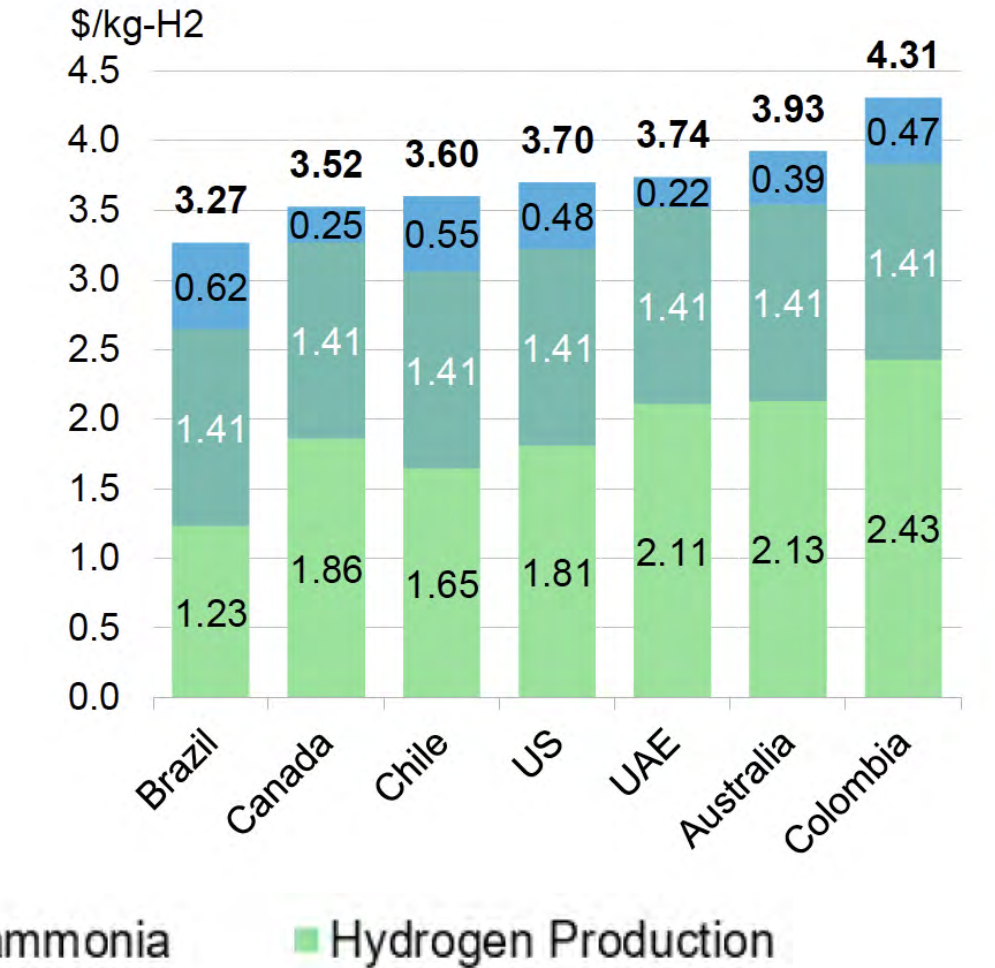
Note: The LCOH (Levelized Cost of Hydrogen) represents the costs of producing electricity, water, electrolyzing cable and opex; does not include installation costs such as transmission lines, pipelines and storage, nor distribution and shipping costs.

The levelised cost of Brazilian green hydrogen would be about ~1.50 USD/kg of H₂ in 2030 and ~1.25 USD/kg of H₂ in 2040.

Green ammonia unsubsidized delivery cost to Europe (Rotterdam), 2030

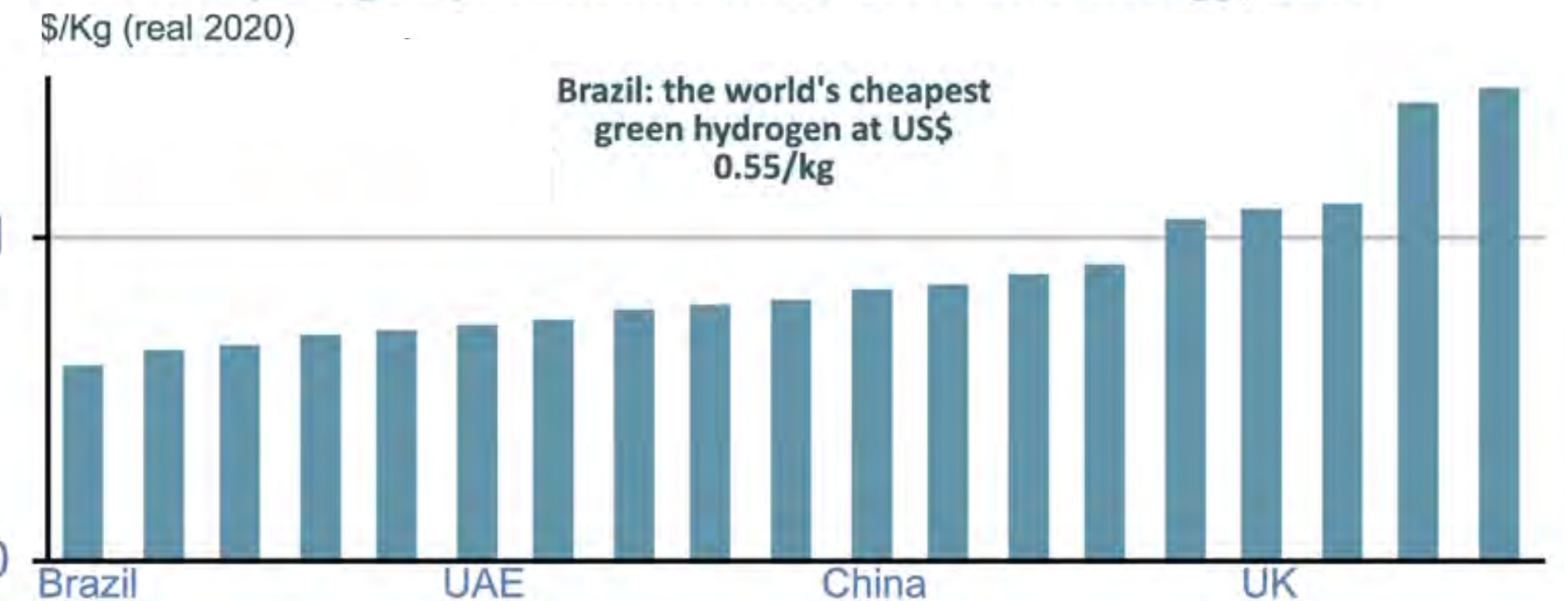


Green ammonia unsubsidized delivery cost to Japan (Tokyo), 2030



Source: BloombergNEF. Note: Costs are in \$ per kilogram of hydrogen. Ammonia contains 17.6% hydrogen by weight. **Brazil exports from Pecem.** Canada exports from Quebec to Rotterdam and from Vancouver to Tokyo. Chile exports from Antofagasta. US exports from Houston. UAE exports from Ruwais. Australia exports from Dampier. Colombia exports from Cartagena. Hydrogen production assumes levelized cost of hydrogen (LCOH) using western alkaline electrolyzer for each country.

Cost of hydrogen production from renewable energy, 2050



Source: BloombergNEF - assumes an optimistic scenario of alkaline electrolyzing costs and the use of solar photovoltaic or wind energy on the ground, which leads to a cheaper hydrogen production cost.

Green hydrogen hub.



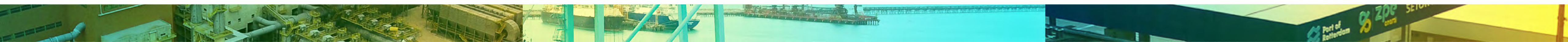
A - Port Infrastructure
Pier2 and TMUT Expansion

B - Shared storage tanks, and ammonia pipeline

C - Shared water
(1) Waste water reuse, (2) Desalination and (3) Raw water

D - 1100+ ha: production cluster in ZPE

E - 500kV substation dedicated to the Hub
Connection to national grid (current capacity up to 3GW)





• Supply chain from production in Pecem to consumers in Europe via Rotterdam.

• Joint ambition to supply 25% of H2V imported from PoR by 2030. Around 1 million tons!



We are ready!

Opportunities to local market:

H₂V

Ammonia

Green fuels

Green Fertilizer

Methanol

Green Steel

Green Soy

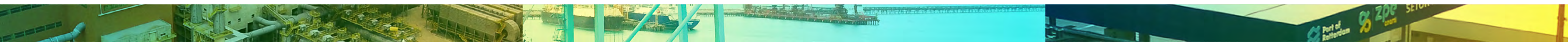
SAF

Chemical Industry

Transnordestina Railway – Expanding our borders

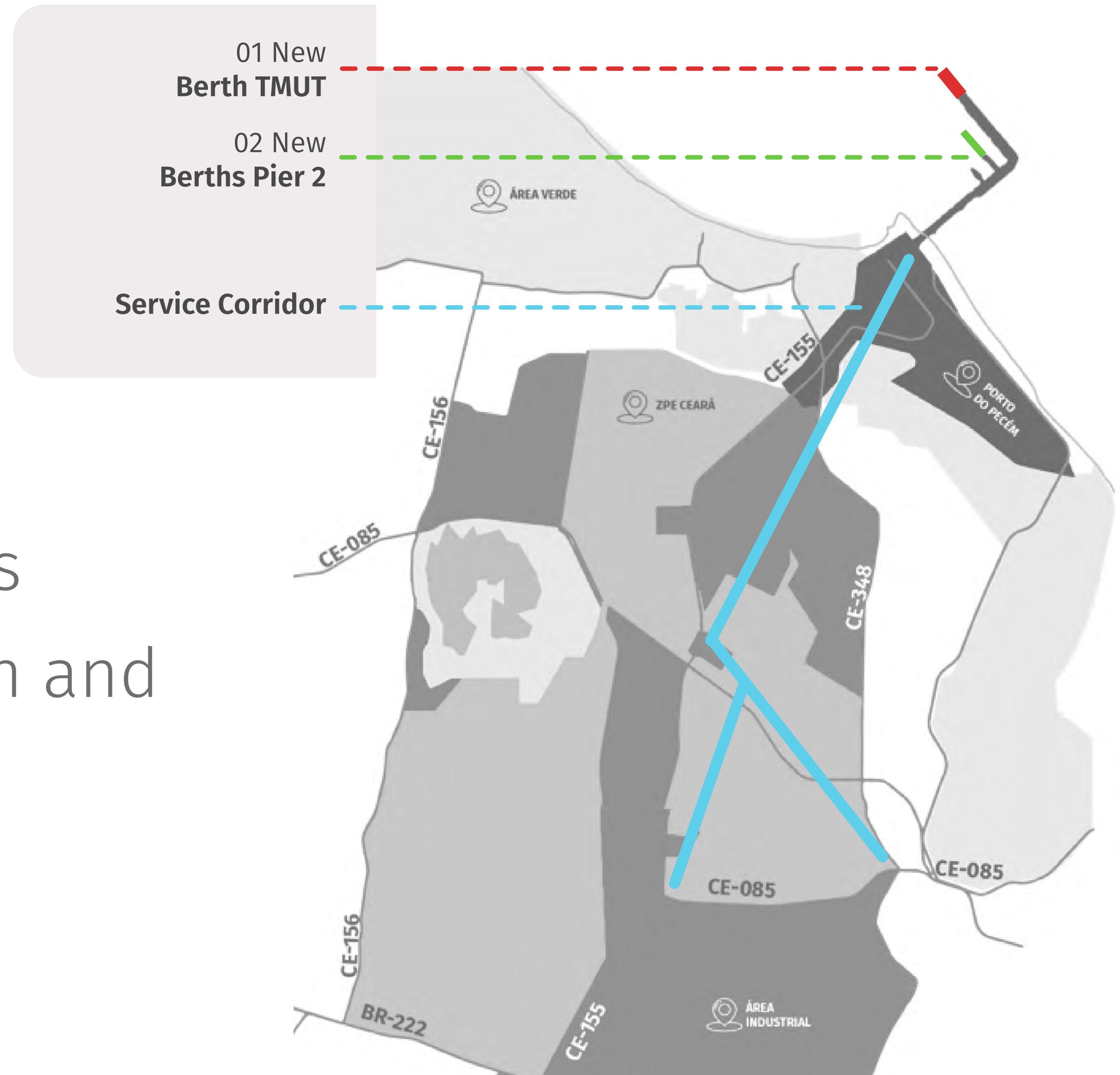
Starting in 2027 (8m-38m ton)

- Grains
- Fertilizer
- Iron ore
- Fuels
- Containers



US\$ 135m – World Bank

- Infrastructure investments
- More innovation, inclusion and sustainability





Thanks!



complexodopecem.com.br

