

Wave power. To power the planet.

All Energy 2023 – How do we get policy makers support wave energy?

Anders Jansson – Head of Business Development



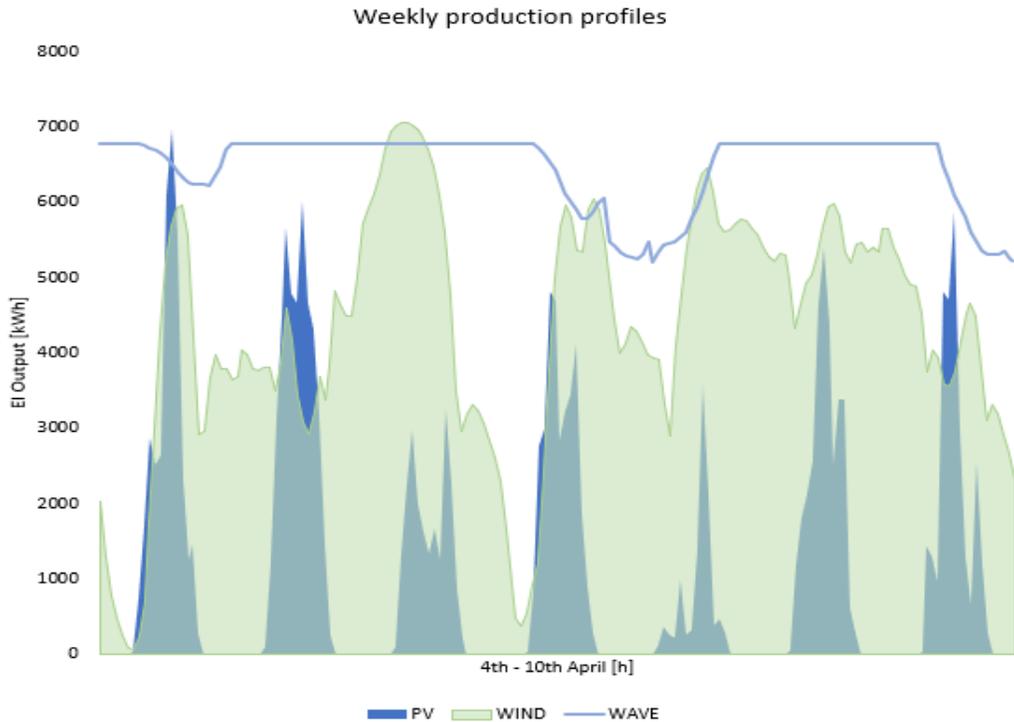
CorPower Ocean in short

- Developer (OEM) of turnkey wave energy systems
- 80 employees (Sweden, Scotland, Portugal, Norway)
- Major players engaging, including EDP, Simply Blue Energy, ENEL Green Power, O&G Majors
- Broad backing across Europe. 65+ MEUR funding secured to date.

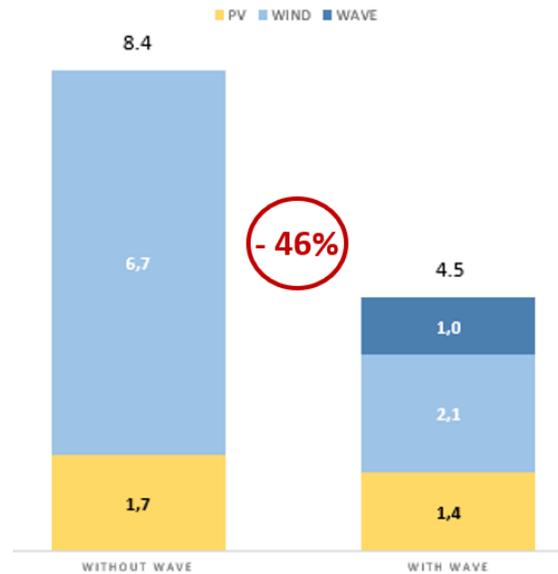


Wave energy enables the lowest cost – zero emission energy system

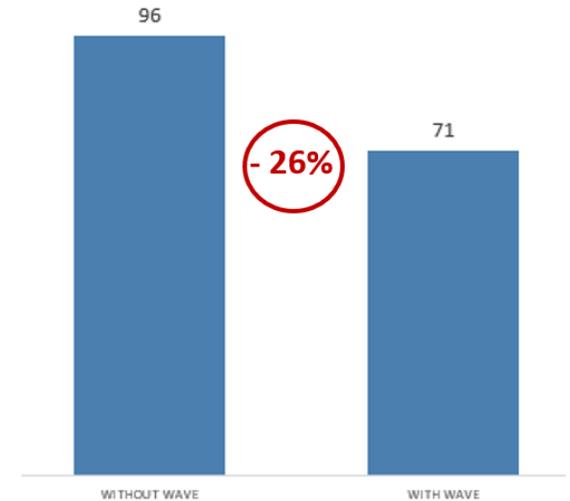
- Wave profile enables significantly higher RE penetration with less installed capacity
- 1GW demand, 8000h/year of CO2 free electricity demand
- Significant reduction in required installed RES capacity (-46%), lowering LCOE



CAPACITY MIX TO DELIVER 1GW - 91% UTILIZATION (8000H) [GW]



LEVELIZED COST OF ELECTRICITY OF THE SYSTEM [€/MWH]



Structured product verification

5-stage program according to IEA-OES / ETIP Ocean best practice



2012—2013

Stage 1
Concept

Validation



2014—2015

Stage 2
Critical System tests

Dry and tank testing



2015—2018

Stage 3
1:2 scale device

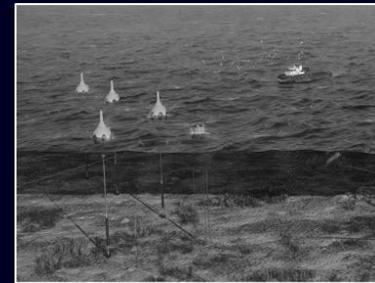
Dry and ocean testing



2018—2023

Stage 4
Full scale device

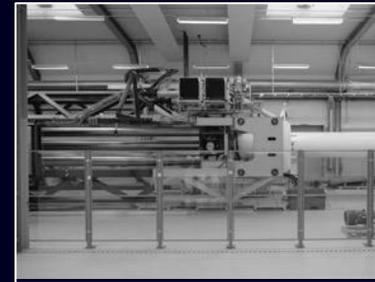
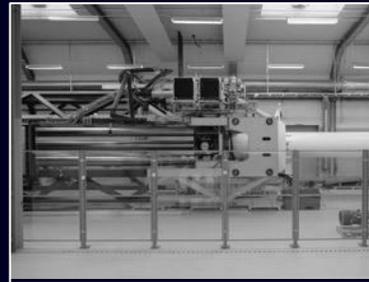
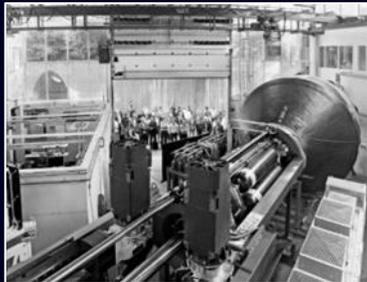
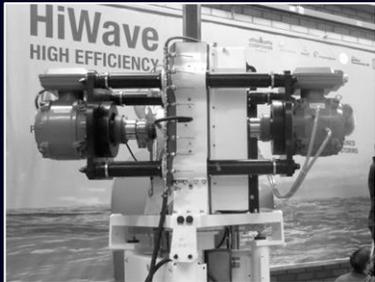
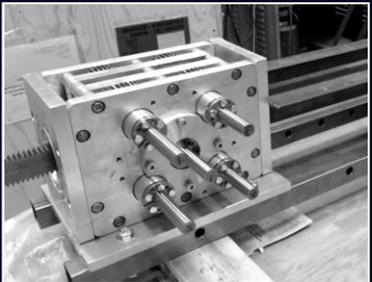
Dry and ocean demo



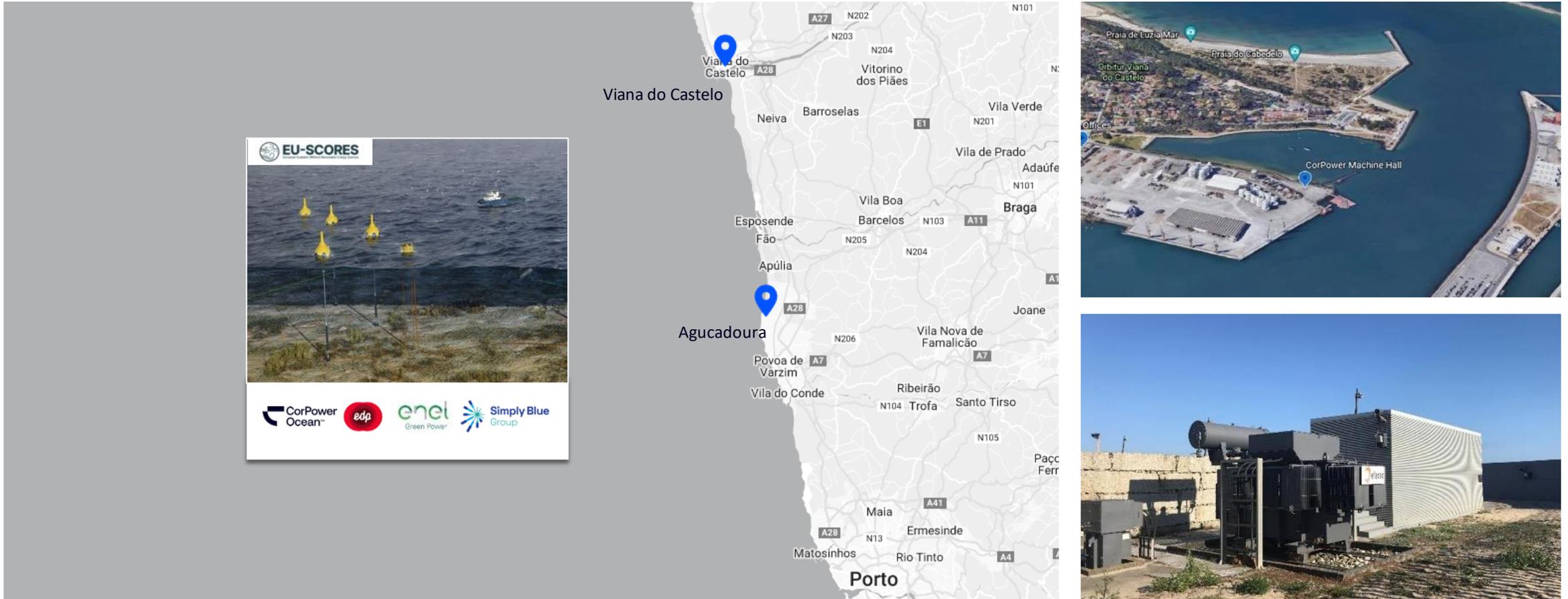
2023—2026

Stage 5
4 device array

Pilot array (4 WECs)



HiWave-5: Grid connected demonstration at Agucadoura



Mobile factory

Viana do Castelo

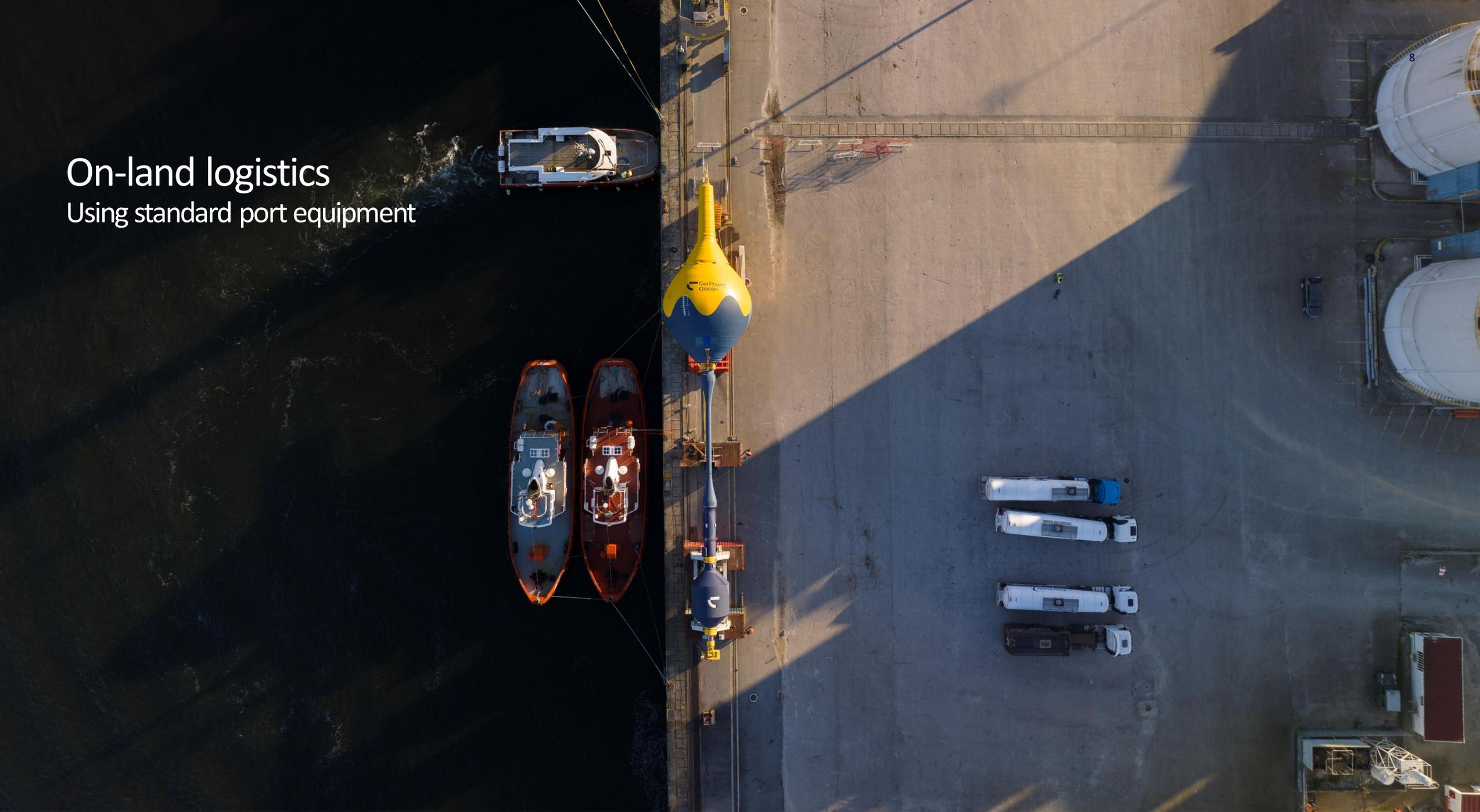


C4 – Viana do Castelo



On-land logistics

Using standard port equipment



Final commissioning phase



Blue Future – 1st PTO assembly parter

6000 m² workshop facility in Kristinehamn



Mobile and localized setup enable rapid scaling, high local content and local jobs

Modular production concept



How do we get policy makers to support wave energy?

- Educate about system value
- Close to commercial roll-out
- When project developers get involved...





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