



# The Opportunity: 500GW

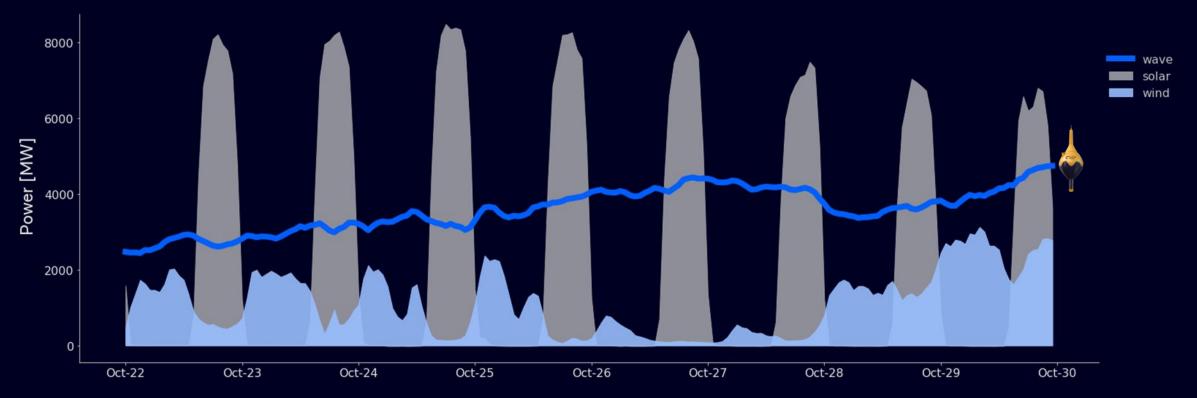
10% of global electricity

- 500-1800 GW | 2000-7200 TWh
- CO2 Reduction | 1 − 2.2 Gigaton / year (vs Gas Coal)
- Production profile is more consistent and complementary to wind and solar, providing higher average revenue potential per MWh.
- Provides grid balancing enabling 100% renewable electricity systems.





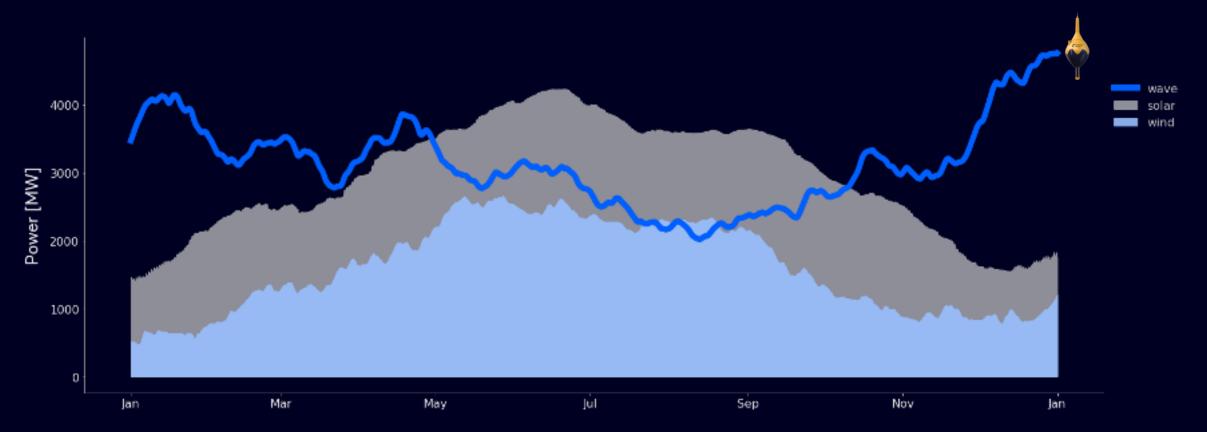
# Consistent production profile Enabling 24/7 Carbon Free Energy



Wind (6.5 GW) and solar (13.5GW) production: Actual time series of the period Wave production (6.0 GW): Estimate based on measured wave data and CorPower power matrix 6 GW wave energy devices evenly distributed over four sites along the coast of California.



# Annual profile Complementary to solar and wind



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# The ocean A huge energy storage unit

Taking a stabilizing role that fossil has had historically

Reducing cost of firmed clean electricity

Accelerating 24/7 Carbon Free Energy



### **CorPower WECs**

3-400 kW

**Power Rating** 

40-60%

**Capacity Factor** 

1SMW/km²

**Spatial Density** 

10-30 MM

Wave Cluster Size

>40 M

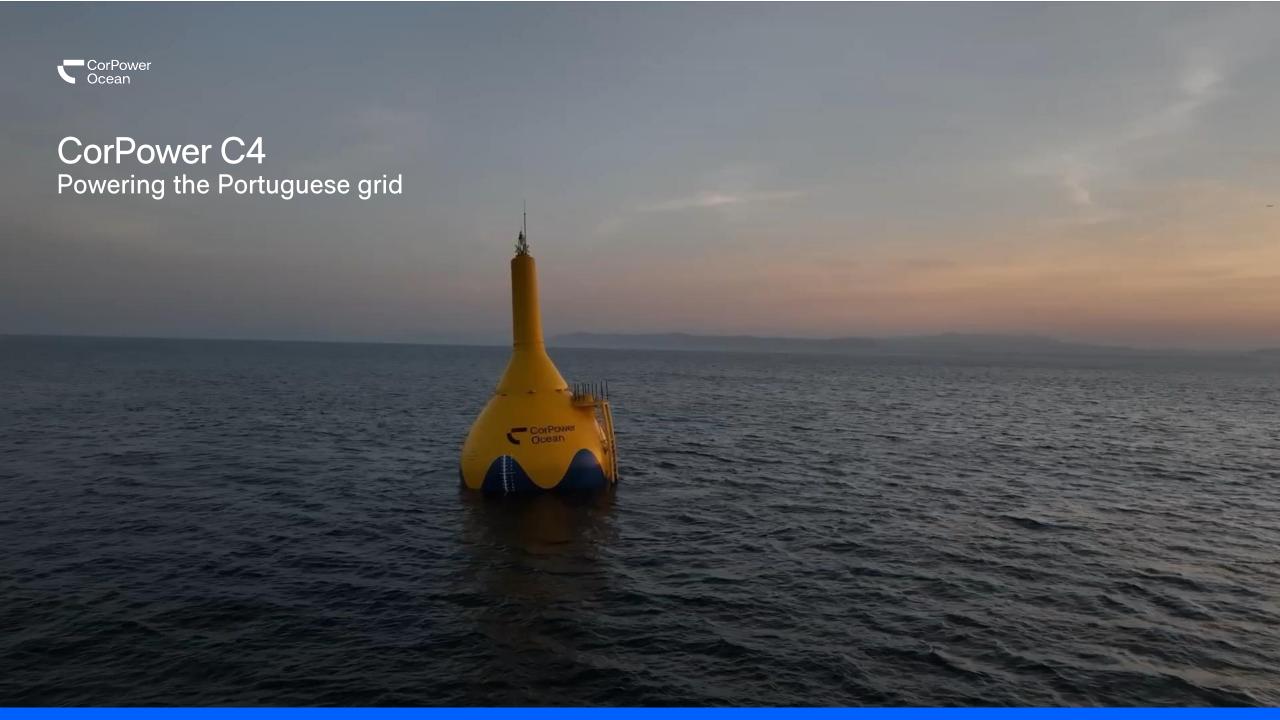
**Installation Depth** 

0.25-6 m

Operational Range (Hs)









## Structured market introduction in 5 stages

IEA-OES framework for ocean energy technology

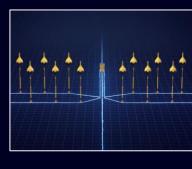












2012—2013 Stage 1

Concept

Validation

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2014—2015

Stage 2

Dry and tank testing

Critical System tests

2015—2018 Stage 3

1:2 scale device

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Stage 4 – TRL 7 Full scale device 2024—2026

Stage 5 – TRL 8 4 device array 2027 — Onwards

Commercial - TRL 9 Wave Farms

Dry and ocean testing

Dry and ocean demo

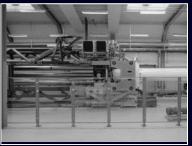
Pilot array (4 WECs)

CorPack clusters (10-100s WECs)















# Southeast Asia The hidden secret

#### Untapped large-scale potential

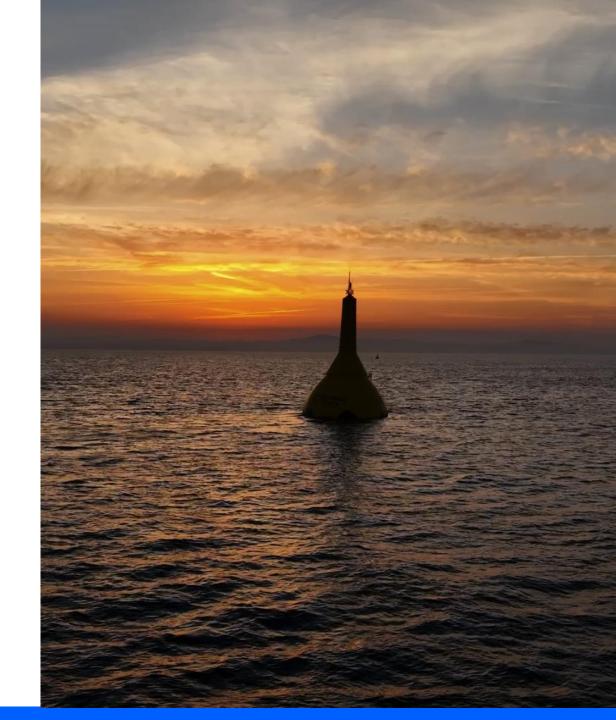
 SEA's vast coastlines hold multi-GW theoretical wave energy capacity, which can significantly contribute to regional climate goals and long-term decarbonization.

#### Complementarity

 Helps balance variability and enabling 24/7 carbon-free electricity (CFE) when combined with solar, wind, hydro, and geothermal.

#### Strategic benefits

Harnessing domestic wave energy can strengthen energy independence, reduce exposure to volatile fossil fuel imports, cut long-term system costs, and position SEA as a leader in innovative ocean-based clean energy.





## The Philippines

### Opportunity

- Near-term practical potential: 15– 25 GW.
- No existing commercial wave projects yet.
- First-mover advantage for early pilot arrays (MW scale).



#	Coordinates	Net CF G12	Depth	Distance to shore
1	19.6°N 122.0°E	39%	189 m	3.3 km
2	8.6°N 126.4°E	22%	149 m	7.2 km
3	12.0°N 125.6°E	26%	207 m	9.7 km



# Summary of Resource Slides

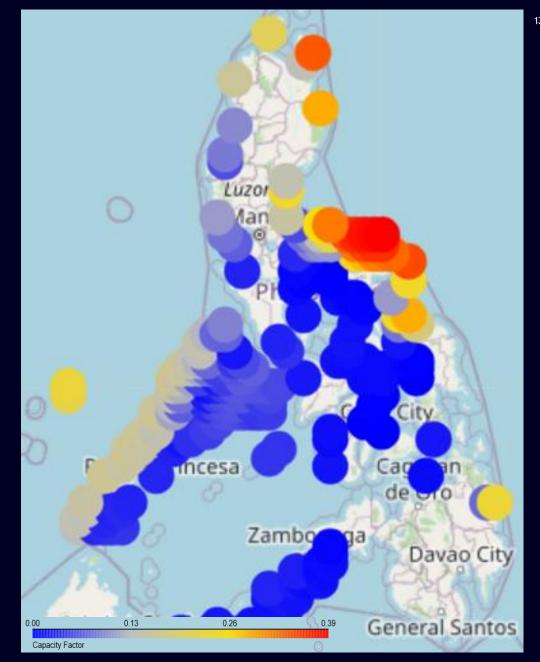
#### Global Ocean Waves Reanalysis

CorPower's initial technology specific performance assessment is applied to the Philippines.

Please find the link attached to the email to access the entire interactive map.

#### Specifications:

- Data source: Copernicus
- Spatial resolution of 0.2° x 0.2°
- Datapoints are filtered regarding the CPOs' suitable conditions:
  - Distance to shore from 1 km to 100 km
  - Water depth from 40 m to 250 m
- Gives Hs (significant wave height) and Te (energy period)
- The Net Capacity Factor is displayed on the map.

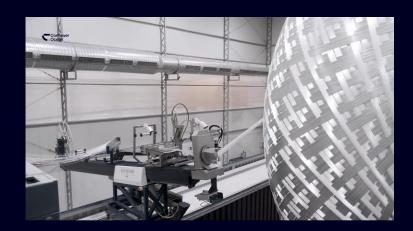




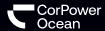
## Some of our next steps

#### Join us

- Regional relevance long coastlines, remote communities, resilience and job creation.
- Strategic context climate, energy security and blue economy synergies.
- Technology positioning current traction in ocean energy worldwide.







# Wave power. To power the planet.

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