

# Delivering Wave Energy To The World

**USA Roadshow** 

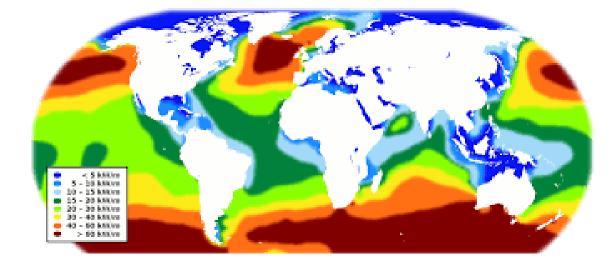
ASX: CCE OTCQB: CWGYF



# Wave energy is special

- Waves are concentrated wind energy
- Highly consistent and predictable
- Vast and untapped resource
- Most powerful when needed winter

- 24/7 power = earns more
- Water density 1000x air (wind) density
- 5x less area required compared to wind
- Ocean space less constrained





# **CETO – The leading solution at scale**

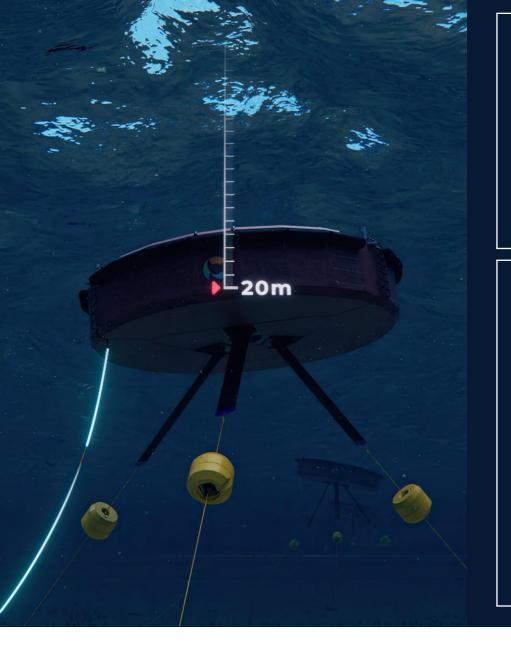


Our core technology is unique and avoids known issues

- CETO operates fully submerged, avoiding issues of visual amenity and damaging forces from breaking storm waves
- Artificial intelligence helps us capture more by adapting to every individual wave that passes
- 1 MW capacity leads the industry
- Direct conversion to electricity (no hydraulics) delivers flexibility and efficiency gains







Visual Impact	None – fully submerged
Extreme Wave Survival	Deep diving, power production continues
Installation & Recovery	Small tow vessels, diverless and rapid with quick connected
Maintenance	Swappable WECs at sea and PTOs in port
WEC Rating	1000 kW
Spatial Density	30 MW / km <sup>2</sup>
Capacity factor	30-50%
Operational Range	0.5 - 14 m significant wave height
Water Depth	> 40 m (130 ft). Deeper sites simply require longer ropes
Buoy Diameter	20 m (65 ft)
Buoy Height	4 m (13 ft)





## Carnegie Business Model

### **Future revenue sources**

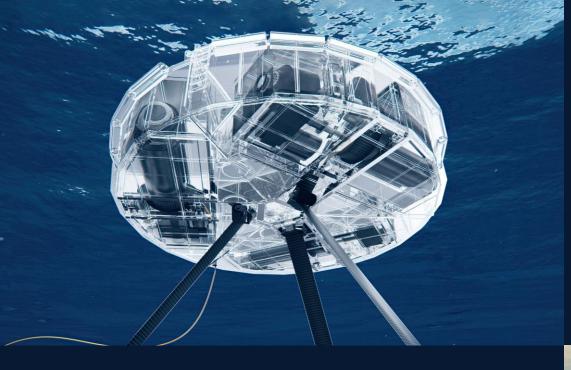
- Sell CETO and MoorPower systems
- Supply spares and assist with operations and maintenance
- Provide engineering services and software upgrades
- Revenues commence up to 4 years prior to commissioning

350 GW is IRENA's current estimate of ocean energy installed capacity by 2050

European Commission has 1GW ocean energy target by 2030 = €5bn of capex

CETO units are estimated to be 75% of the construction capex





#### MoorPower commercial scale design ►►

- Scaled Demonstrator project complete
- Commercial development commenced
- Global market engagement underway

# Where are we today

- Deploying large CETO prototype in Spain
- Construction underway
- EuropeWave contracted deployment #1 ranking
- Team in Bilbao, Spain and Fremantle, Australia
- Funding pool of US\$ 7.9m from 3 separate awards





## What's next?



 Finalize CETO commercial scale design



 Secure CETO array project



 Deliver commercial MoorPower



# What is the opportunity?

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Understand the potential

- Emerging new renewable tech
- CCE is a world leader

Follow our progress

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Be part of the innovation that will unlock the power of the world's oceans





# Thank you

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