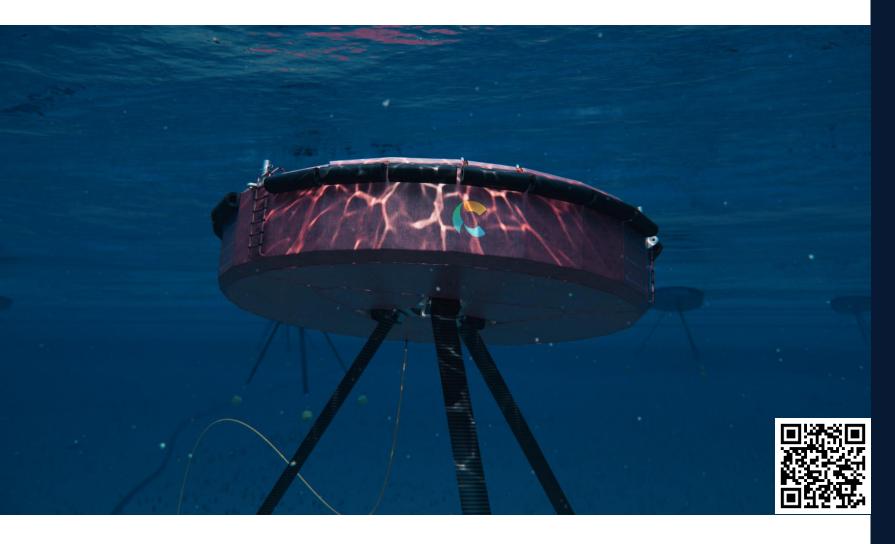


Investor Webinar

7th June



CETO - Harnessing Ocean Waves





Our core technology is unique and avoids known issues

Water in waves move in an orbit.
 The buoy is forced to move in the same motion



- This kinetic energy is transformed by the three Power Take-Offs within the buoy
- 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
- CLICK TO SEE ANIMATION

We are unlocking the vast power of the ocean

"The history of humanity has been shaped by how it has harnessed energy.

"It's impossible that humans would not harness such a vast and consistent energy resource as the waves"

Jonathan Fiévez, Carnegie CEO Our global challenge is to deliver a transition to clean energy with the ability meet future demand for sustainable, reliable and affordable energy.

Wave energy is unique. Unlocking its potential will change the world.

It is a source of renewable energy that is consistent and predictable.

Wave energy produces zero emissions and can provide 24/7 power at scale. It's the world largest battery

Carnegie Clean Energy is a global leader in wave energy technology. We are committed to harnessing the power of the ocean.

From Fremantle in Western Australia, our technology is ready to change the world.







Our wave energy technology recognised as a world leader

- ✓ Out of 36 international technologies that entered the EuropeWave PCP competitive programme, CETO was ultimately ranked number one. The technology was judged on criteria including LCOE, performance, reliability, availability and survivability
- ✓ We have attracted more than €7.05m (\$11.5m AUD) in European funding in the second half of 2023
- ✓ Our **LCOE** is expected to be competitive with offshore wind and solar PV at the same stage of its development and scale
- Commercial scale CETO has a capacity of 1 MW, one of the largest in the industy
- ✓ Social license issues are minimised as CETO is fully submerged and uses negligible onshore real estate
- ✓ Uniquely, our technology is a flexible, scalable design, driven by AI to maximise its effectiveness in real time



Global potential of the wave energy market



Ocean energy is coming. The **European Commission has set** clear targets of 100MW of installed ocean energy capacity by 2025, 1GW by 2030 and 40GW by 2050. With the right support, this could happen sooner

₹53bn p.a. ₹70 %

Ocean Energy Europe forecast ocean energy to be a €53bn per annum industry, supporting 50,000 jobs

The amount of the world's surface covered by our oceans. Absorbing energy from wind, it's known as the world's biggest battery



The International Renewable **Energy Agency's current** estimate of ocean energy installed capacity by 2050





Carnegie Commercial Model

What Carnegie Does

- Technology developer of ocean energy products and services
 - CETO Wave Energy Generator
 - MoorPower
 - Mooring Tensioner
 - Wave Prediction & AI Control System
- Integrator and supplier of ocean energy devices
 - Assembly
 - Installation
 - Technology and software upgrades
- Engineering services
 - Project feasibility and design
 - Design, construction, development and commissioning
 - Operational management, repairs and maintenance





Carnegie Revenue Model

How Carnegie Generates Revenue

- Technology royalties for the use of CETO annual recurring contracted revenue over
 20+ year life of clean energy projects
- Margin on OEM revenue
 - Carnegie is the head contractor for all CETO components and manages the assembly and installation process
 - Contracted revenue based on value and timing of CETO units installed in projects
- Margin on engineering services
 - Feasibility, design, construction and development revenue based on value of renewable energy projects
 - Operational, repairs and maintenance revenue is annual recurring contracted revenue over 20+ year life of renewable energy projects
- Independent modelling estimates Carnegie revenues commence up to 4 years prior to commissioning of wave energy projects that employ CETO technology
- CETO units are estimated to be [75%] of the construction capex of wave energy projects (ex feasibility, permitting, design, etc costs)





Addressable Market

How Large is the Market?

- The European Commission (EC) has set a target of 1GW installed ocean energy capacity by 2030
- This represents up to €5bn (\$8.2b AUD) of capex on ocean energy projects by 2030 in the EU alone
- A market share of 10% to Carnegie would represent €500m (\$820m
 AUD) in aggregate revenue
- The EC is targeting €100 per MWh by 2035 and the CETO LCOE model shows we are on track to achieve it
- The International Renewable Energy Agency has identified 350 GW as the global ocean energy potential by 2050





ACHIEVE Project - Basque Country Deployment

EuropeWave Contracted Deployment

- ✓ From initial 36 applicants, Carnegie's ACHIEVE project ranked number one
- Judged on criteria including LCOE, performance, reliability, availability and survivability
- ✓ €3.75m deployment contract awarded in September 2023
- Design/procurement contracts currently being awarded
- ✓ Target deployment at BiMEP in summer 2025 with 2 years operation
- ✓ Growing team in Spain (Bilbao) to execute the project

Additional National Recognition to Support and Enhance Project

- ✓ Spanish Government (IDAE Renmarinas) awarded €1.2m in December 2023
- ✓ Basque energy agency EVE awarded €2.1m in March 2024

Total funding pool of €7.05m



Our complementary technology suite

MoorPower

- CETO derived technology to power moored offshore vessels (such as barges in the aquaculture sector) through wave power.
- Can reduce or eliminate offshore diesel usage.
- Validated via \$3.4m AUD MoorPower Scaled Demonstrator Project.



Wave Predictor

- Product able to predict upcoming waves using AI up to minutes into the future, before they impact the shore, a structure or a wave energy converter.
- Increases the safety and performance of activities including critical offshore operations and rock fishing.

Mooring Tensioner

- Provides passive tension for CETO and MoorPower products.
- Can be a standalone offering that improves stationkeeping for vessels.
- Prototype and test rig built and testing is underway.



MoorPower: Wave Energy for Aquaculture and Offshore Demand



Aquaculture Needs Driving Development

- Product developed based on requirements and characteristics of offshore aquaculture
- ✓ BE CRC Supported Project
- Consortium of partners including leading aquaculture companies Huon (JBS owned) and Tassal (Cooke Aquaculture owned)

Demonstrator Deployed

- ✓ Scaled Demonstrator deployed at Carnegie's offshore test site in WA in January 2024
- Operations commenced



Current Carnegie **Projects**



A\$3.4m Funding secured with support from the Blue Economy CRC

Garden Island Microgrid

Conservative Valuation



Our partners

Carnegie has built a strong partner ecosystem



Our partners include:

















Our announcements are capturing public attention, building pride in what is being achieved



THE AUSTRALIAN. WEDNESDAY, SEPTEMBER 6, 2023

Australia must ride the wave of ocean power

The power of the sea should never be ignored.

It's a lesson most Australians learn as young children while wading in the shallows: turning your back on even small waves is rarely a good idea. Yet as adults, it seems this is a

lesson we may need to relearn, As coal retires from our nower system we need at least 90 per cent of the world's electricity o come from renewable sources

Wind and solar farms, once controversial, are now commonplace and an essentia part of the energy mix. Yet the the wind doesn't blow and the run doesn't shine still needs

those answers.

What happens on a still night when solar stops producing and the wind is calm? Look out to sea, the waves

keep rolling in. It is variable, but consistent and highly predictable - a unique feature among other renewables.

This is why Australia's dramatic coastline isn't just beautiful, it also has the potential to accelerate the country's rise into a clean energy superpower. In fact, the CSIRO says we nossess the world's largest wave

It is generation with near zero notential. But wave energy

It will eventually supply cities, remote communities, offshore aquaculture and other offshore nmercial facilities with affordable, reliable and sustainable energy.

Many countries, including Australia, China, Britain, France Spain and the US, are currently

weloping wave energy.
Our Australian technology is grabbing the attention of these countries and many more. Wha we've developed and tested in the waves in Western Australia and overseas has the notential to harness the power of the ocean right around the world.

At the moment, government abroad are leading the way when it comes to supporting the development of this technology ically, most of these

countries have coastlines smaller than Australia's with lower wave energy potential, but they recognise the opportunity as want to capture a leadership n order to deliver the value the environment and their

onomy. As fossil fuels leave the stem over the next decade will need all the tools in our cost-effective grid.

The reasoning behind rec declaration of offshore wind zones in Gippstand and the Hunter makes similar

or another, it's about acting apportunities in our portfol time to make a difference



Spain backs Carnegie with €1.2M for CETO wave energy device deployment



REGIONS ENERGY GEOSCIENCE ENGINEERING TECHNOLOGY VESSELS SUBSEA

Carnegie Launches Wave Energy **Device to Power Moored Vessels**



Gold (spot) | Iron ore | WTI Crude \$152044.09 +125 \$153422 -140 \$157301 +2

New wave of high-tech to fix nation's energy storage

T min read September 11, 2023 - 12:27PM Stockhead



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Oct 20, 2021



We will be extracting energy from waves on a large scale. It's just a

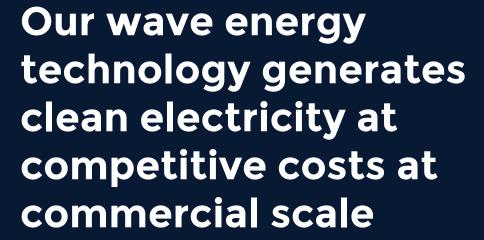
Europe selects Aussie wave technology for ocean energy

"Remarkable:" Australian wave energy pioneer wins major tender to build first unit in Spain











This innovation has the potential to bolster energy security, reliability and affordability globally



Levelised cost of energy for Carnegie's CETO technology is dropping on a trajectory that is meeting or exceeding the maturity pathway of the renewable technologies that came before it (such as wind and solar PV)



OEE currently forecasts 100MW installed ocean energy by 2025 and 1GW by 2030 in Europe alone. This represents a large and near-term addressable market for CETO



Carnegie Clean Energy as a business has evolved. The technology has been independently verified and is being deployed, and the business model has been developed with multiple sources of annualised recurring revenue in a rapidly growing market



We are engaging with strategic partners who share our vision and understand that scale is the key to unlocking potential for the planet





