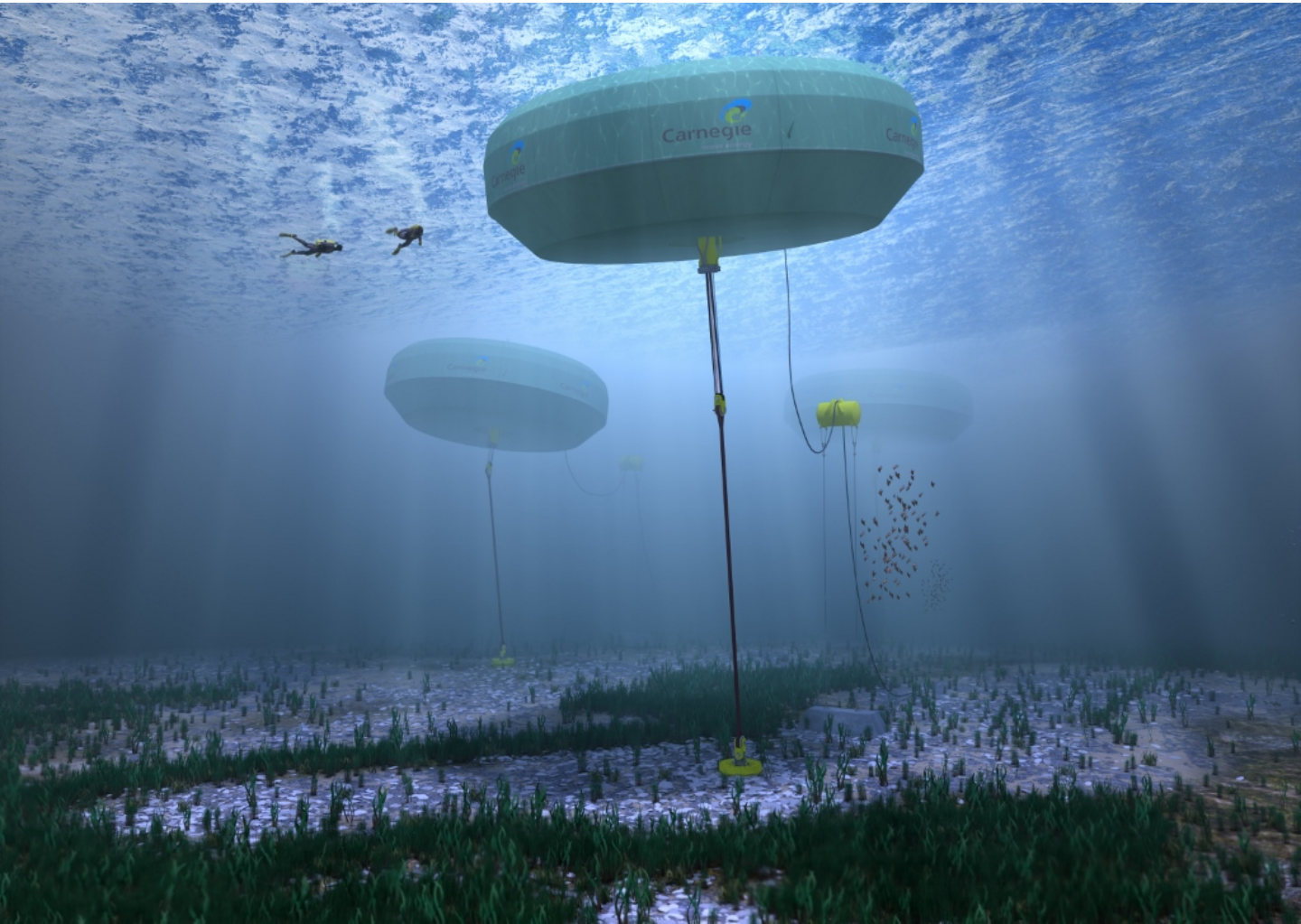


CETO 6 Garden Island Project Western Australia



Community Information Sheet, October 2015

Carnegie Wave Energy

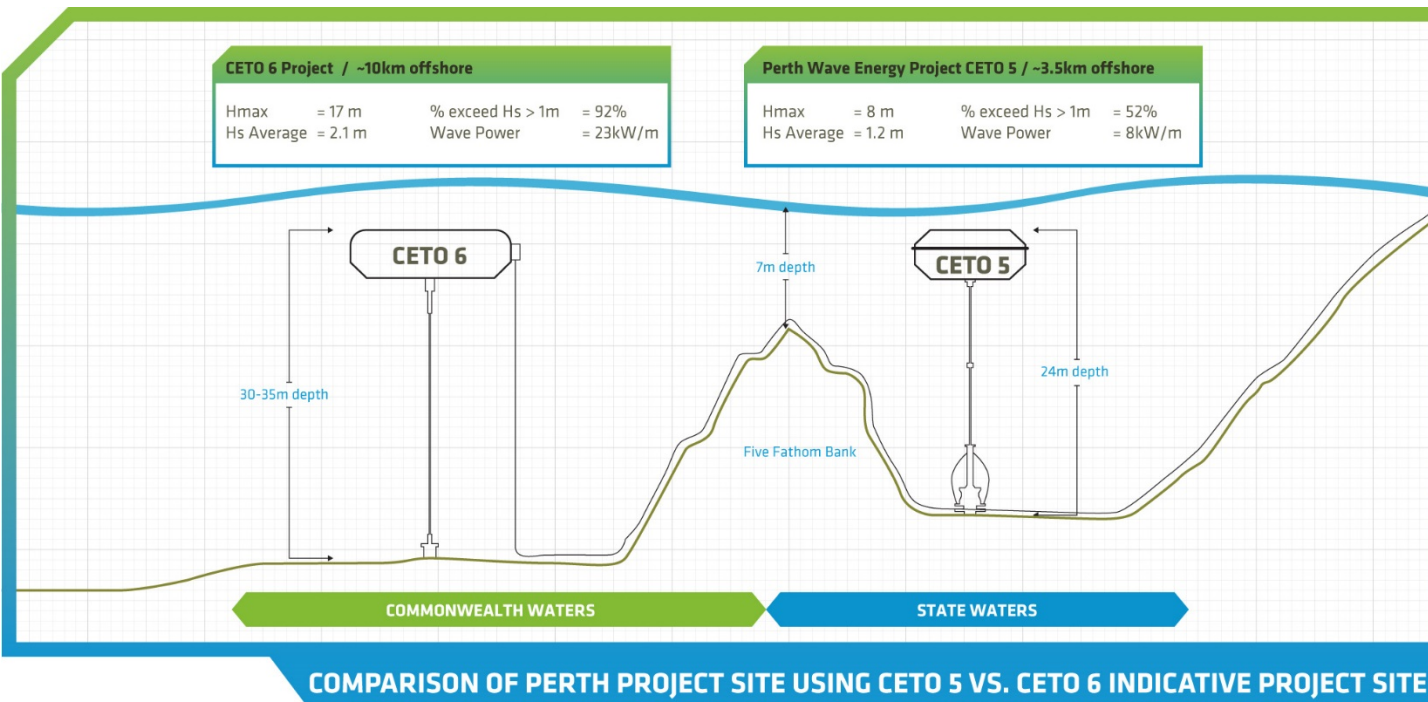
Who We Are

Carnegie Wave Energy Limited is the inventor, developer and 100% owner of the CETO wave energy technology. CETO is designed to extract energy from ocean waves to generate clean, renewable and emission-free electricity. Carnegie is based in Fremantle, Western Australia and is publically listed on the Australian Stock Exchange (ASX: CWE).

The Carnegie team consists of 45 staff, covering a range of areas including: engineering, administrative and commercial capabilities.

What is CETO?

CETO is a unique, fully submerged, pump-based technology whereby a submerged buoy moves with the ocean's waves, 1–2 metres below the surface of the ocean, driving a pump. The technology has been under development for the last decade and the next generation CETO 6 unit incorporates the power generation system inside the buoy, allowing power to be generated offshore. The CETO 6 unit has a targeted capacity of 1MW, which is approximately 4 times the capacity of the CETO 5 generation of the technology, used in the Perth Project.



COMPARISON OF PERTH PROJECT SITE USING CETO 5 VS. CETO 6 INDICATIVE PROJECT SITE

Comparison of existing Perth Project (CETO 5) site vs. Proposed CETO 6 Project site

CETO 6 Garden Island Project

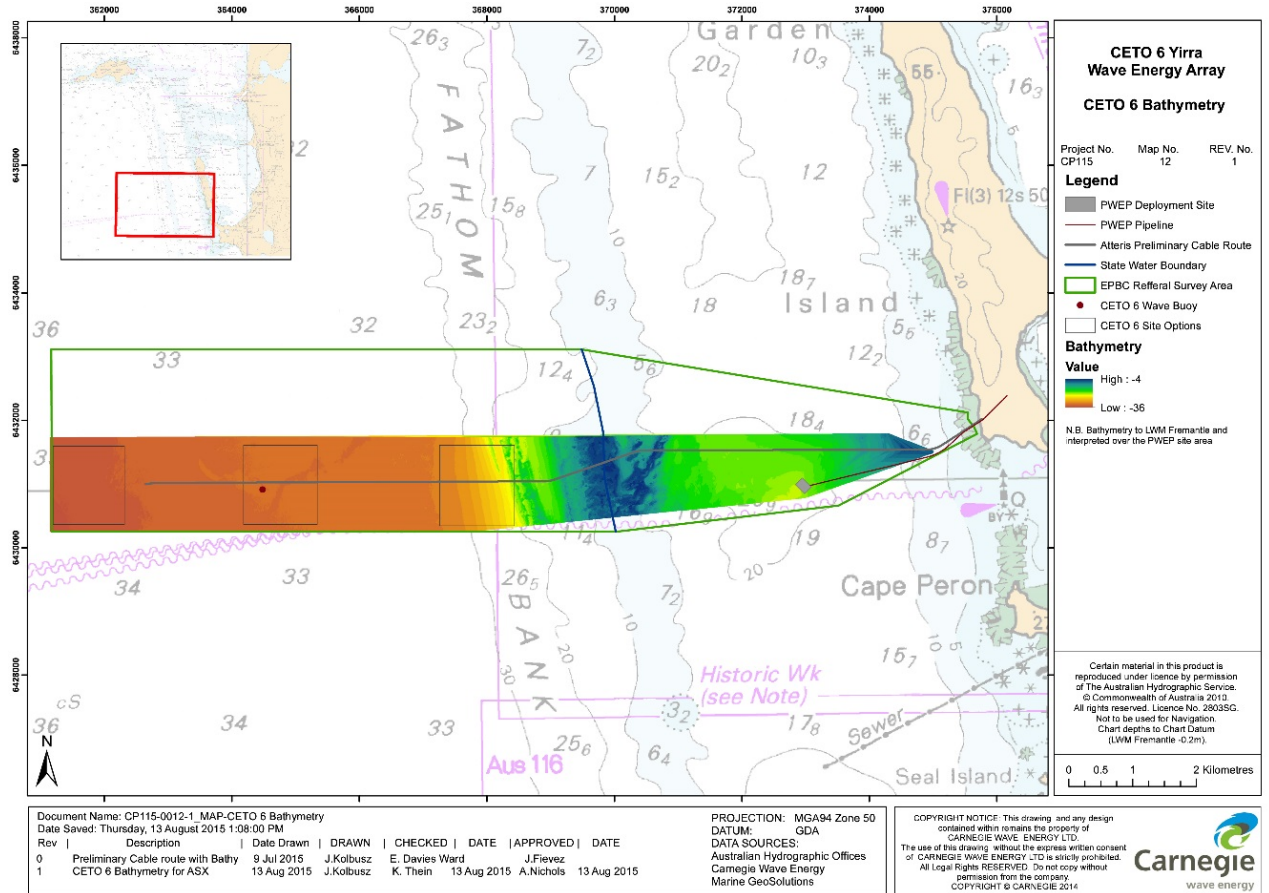
Project Details

The CETO 6 Garden Island Project will be located 8–15 km offshore of Garden Island, Western Australia. The onshore facilities will be located in the same area as the Perth Wave Energy Project. The Perth Wave Energy Project, which uses the CETO 5 generation of Carnegie’s patented CETO technology, provides power and desalinated water to HMAS Stirling, Australia’s largest naval base.

The design phase of the Project has been underway since 2012, with site surveys scheduled for 2015 and targeted Project commissioning for 2017.

The CETO 6 Project will involve the installation of multiple CETO 6 units with a targeted capacity of 1MW each.

The Project is part funded by an Australian Renewable Energy Association (ARENA) grant of \$11m, along with a \$20m debt facility with the Clean Energy Finance Corporation (CEFC).



Bathymetry of potential CETO 6 offshore locations

Project Activities

Technical Information

The CETO 6 Garden Island Project has completed its concept design phase with preliminary environmental assessment and early key stakeholder consultation being carried out.

Completed

- ✓ EPBC Protected Matters Database search review for Matters of National Environmental Significance that may occur in the project area
- ✓ EPBC referral completed for site surveys, with “Not a controlled action if undertaken in a particular manner” decision
- ✓ Geophysical site surveys for site characterisation, including identification of infrastructure locations and heritage site locations, have recently been completed
- ✓ Benthic habitat surveys and mapping

Further technical studies and baseline surveys are proposed as follows -

Proposed

- Geotechnical site investigation for site characterisation
- Review of relevant environmental and technical reports for the project area and surrounds
- Desktop assessment of species presence and usage of the site, including high migratory path periods through the project area
- Baseline and ongoing coastal processes studies
- Monitoring and assessment of underwater noise during CETO unit/s operations
- Ongoing community consultation

Getting Involved

Carnegie is committed to continuing its engagement and consultation with the community and other stakeholders for the CETO 6 Garden Island Project. Through Carnegie’s Community Consultation Program, all interested stakeholders will have the opportunity to:

- Learn about the CETO 6 Project, including its timeline and approvals process
- Express their thoughts on benefits and any concerns about the Project
- Understand how the CETO 6 Project may benefit local communities and Western Australia

To learn more about the CETO 6 Project on Garden Island, please visit our website, www.carnegiwave.com or contact:

Carnegie Wave Energy
Tel: +61 (08) 9486 4466

Email: enquiries@carnegiwave.com

