

ASX Announcement

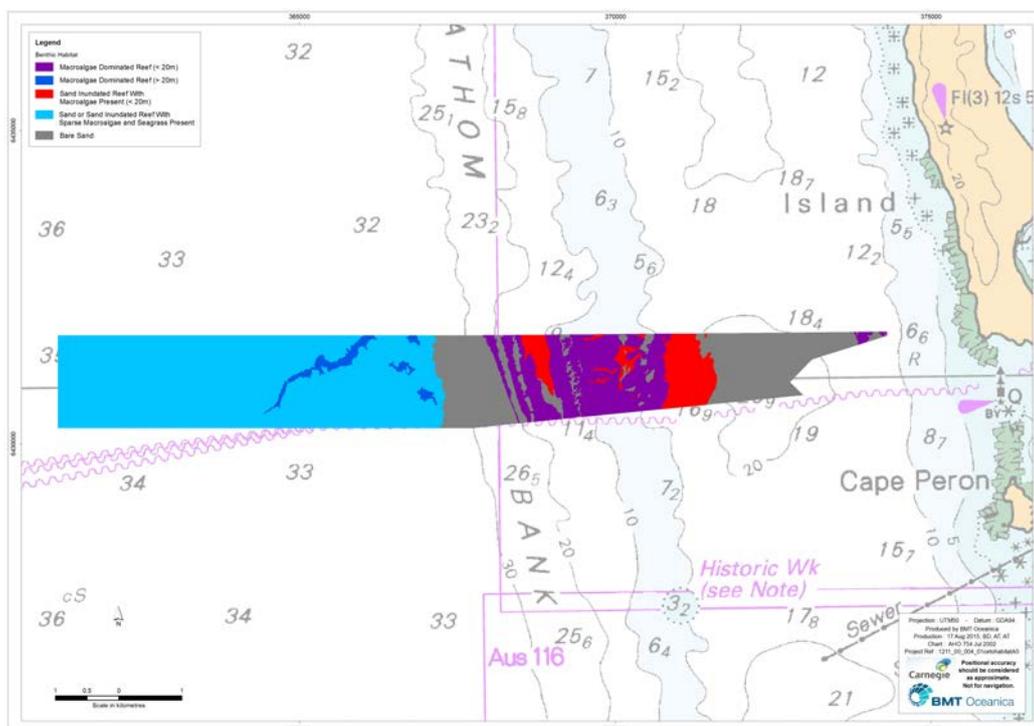
Wednesday, 19th August, 2015

CETO 6 Garden Island Project Update

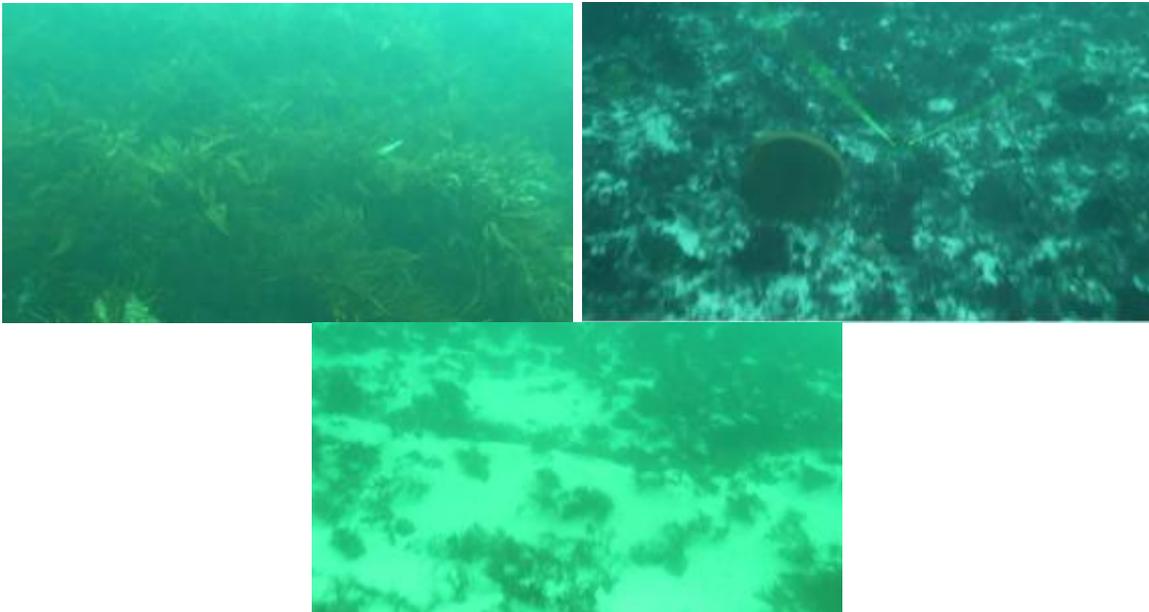
- CETO 6 offshore site geophysical and environmental surveys complete
- Preferred project site identified
- Results presented at ARENA Showcase at Parliament House in Canberra

Wave energy developer Carnegie Wave Energy Limited (ASX: CWE) is pleased to provide an update on its CETO 6 Project at Garden Island.

Critical offshore geophysical site surveys and associated data analysis have now been completed. The geophysical survey activities used a number of different methods, including single and multi-beam echo sounding, side scan sonar and sub-bottom profiling to determine the composition and features of the seabed across the potential project sites. Benthic habitat mapping was also undertaken which showed the proposed CETO 6 sites were typical with those found on the western side of Garden Island. Offshore from Five Fathom Bank, the habitats were shown to consist of bare sandy areas or limestone reef covered by a sand veneer. The benthic habitat mapping results will feed directly into offshore work packages, such as foundation design.



CETO 6 benthic habitat mapping, showing an increase in sand or sand inundated reef past Five Fathom Bank

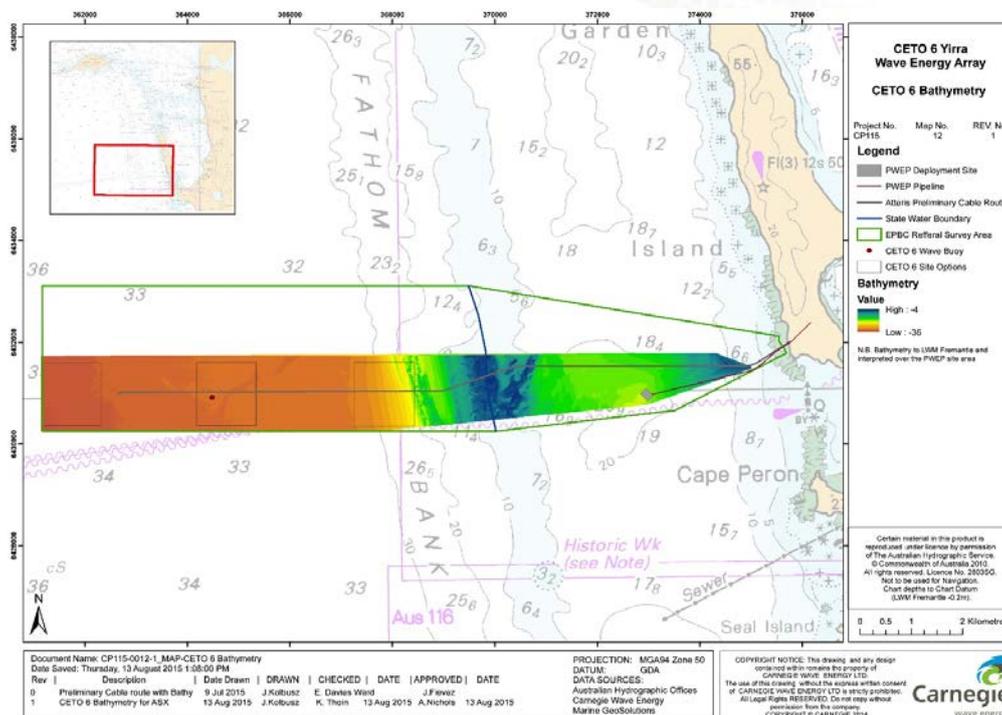


Cross section of benthic habitats mapped at the CETO 6 survey site

The surveys and analysis work have allowed Carnegie, working alongside Marine GeoSolutions and RPS Energy, to identify a number of feasible sites for the CETO 6 Project within its offshore licence area. The survey results verified the expected seabed conditions of the potential project sites, allowing the Carnegie team to further progress project work packages such as unit foundations, electrical cable routes and unit installation methodology.



Catamaran mounted sub-bottom profiling equipment being deployed from survey vessel



Bathymetry of CETO 6 geophysical survey area.

The geophysical survey is an important step in the environmental approvals process for the CETO 6 Project at Garden Island, with preliminary stakeholder consultation activities underway. Key stakeholders that have been consulted with include; RecFishWest and the WA Department of Fisheries.

In addition to geophysical survey activities and ongoing stakeholder consultation for the CETO 6 Project, Carnegie was also given the opportunity to take part in ARENA's technology showcase, held at Parliament House, Canberra. The invitation-only showcase allowed Carnegie to provide an update on the CETO 6 Project to members of Parliament and invited guests.

About Carnegie

[Carnegie Wave Energy Limited](#) is an Australian, ASX-listed (ASX:CWE) wave energy technology developer. Carnegie is the 100% owner and developer of the CETO Wave Energy Technology intellectual property. Carnegie is focussed on commercial opportunities in key target markets including UK, Europe and remote islands.

About CETO

The CETO system is different from other wave energy devices as it operates under water where it is safer from large storms and invisible from the shore.

CETO technology characteristics include:

- Converts ocean wave energy into zero-emission electricity and desalinated water.
- Environmentally friendly, has minimal visual impact and attracts marine life.
- Fully-submerged in deep water, away from breaking waves and beachgoers.

CETO 6 Project Fact File

The CETO 6 unit has a targeted 1MW (1000kW) power capacity, some four times of the current CETO 5 generation being used in the Perth Project. It will have a superior efficiency, lower capital and maintenance costs than any CETO product generation developed to date. The CETO 6 Project is supported by \$11m in Australian Government grant funding through the Australian Renewable Energy Agency's Emerging Renewables Program and a five year \$20 million loan facility from the Australian Clean Energy Finance Corporation. The clean, renewable energy generated by the Project will be sold to the Australian Department of Defence at Australia's largest naval base, HMAS Stirling, on Garden Island in Western Australia.

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