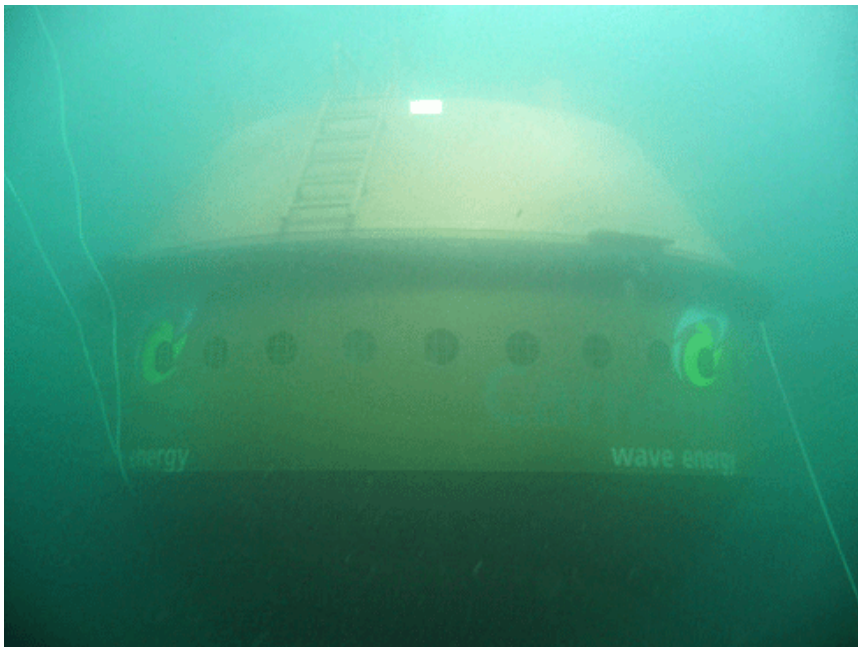


## Australian Navy on a wave

**The Australian Department of Defence and Carnegie Wave Energy have signed power supply and grid connection agreements that will allow the department to purchase 100 per cent the electricity produced by a wave power facility to be established on Perth's Garden Island, the home of HMAS Stirling.**



Credit: jkolbusz/Wikimedia Commons

The project will create 25 jobs within Carnegie and 100 more in manufacturing and construction. The wave power facility will make use of the powerful swell off the back of Garden Island to help power the biggest naval base in Australia.

According to the recent announcement from the Prime Minister, the global wave energy sector will be worth US\$760 billion by 2050 and annual revenue from the sector will be \$100 billion by 2025.

Construction of the wave power facility at HMAS Stirling is expected to start later this year, with wave-driven power expected to be supplied before the end of next year.

When up and running, the project will provide HMAS Stirling with up to 1.25 megawatts of renewable energy per day, which is expected to save approximately 2.6 million kilograms of carbon emissions over five years.

The \$31.5 million Perth Wave Energy Project is a joint venture with the Western Australian Government and private investors.

The Federal Government has previously committed \$9.9 million to the project under the under its Emerging Renewables Program.

Source: Prime Minister's Office media release

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