



## HACE

Hydro Air Concept Energy

France



### Overview

The HACE project (Hydro Air Concept Energy) has the backing of the Nouvelle Aquitaine region and **aims to provide a new method of wave energy collection.**

The floating prototype is **designed to be able to take advantage of lighter swells** (0.5 - 2.5 metres). This allows for its use in areas where products designed to collect energy from heavier swells would not be effective, such as in lakes.

The product is **made up of a series of modules** which can be adapted in order to reach desired power levels (in a range of 200 kW to 10MW). The modules also allow for the product to be **adapted to both nearshore and offshore conditions.**

It is envisaged that other uses could benefit from the technology, such as production of pure water.

### Results

1

Launched in August 2018, the **prototype passed the full-scale test** in the Atlantic port of La Rochelle (FR);

2

In 2020 it will be taken for **a test in extreme conditions** at the European site of sea trials multi-technologies of the Centrale Nantes school (SEM-REV (acronym in French)) in France.

### Project award

EU Label: Seal of Excellence Horizon 2020



### Connect with the project



<http://hacewave.com/en/>



Hace

