

## HACE

Hydro Air Concept Energy

France



### hace

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### Overview

The HACE project (Hydro Air Concept Energy), developed by Jean-Luc Stanek and supported by the Nouvelle Aquitaine region, proposes **a new type of wave energy demonstrator**.

Unlike many other projects, the HACE prototype has the originality of being able to take advantage of a light swell. Where standard wave energy systems seek to exploit heavy swells, the HACE project produces electricity from small and medium-wave (spectrum from 0.5 meters to 2.5 meters).

It consists of a series of modules whose number is adaptable according to the desired power, in a range from 200 kW to 10 MW.

The system can be installed almost anywhere, even on a lake. It also offers **a competitive solution in terms of price** since the cost per kWh produced is about five cents.

### Results

1

**The HACE prototype, launched in August 2018, 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**, on the European site of sea trials multi-technologies of the school Centrale Nantes (SEM-REV, acronym in french) in France.

### Project award

EU Label: Seal of Excellence Horizon 2020



### Connect with the project



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



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