

SafeWAVE

Streamlining the assessment of environmental effects of WAVE energy

Pillar III
Marine renewable energy
5 | Wave energy

The aim of the SafeWAVE project is to assist in overcoming non-technological barriers that could hinder the future development of wave energy, one of the main pillars of the EU Blue Growth strategy.

Overview

The nascent status of the Marine Renewable Energy (MRE) sector, particularly ocean wave energy (WE), yields many unknowns about its potential environmental pressures and impacts. Thus, the aim of the SafeWAVE project consists on overcoming these non-technological barriers. The project will also work with coastal communities in France, Ireland, Portugal, and Spain, to co-develop and demonstrate a framework for education and public engagement (EPE) of marine renewable energy since the deployment of ocean renewable energy technologies has the potential to evoke opposition within intended host communities. This EPE framework aims to go beyond social acceptance and be designed to contribute to the development of projects that exhibit inherent social acceptability. This work will be informed by five core dimensions of acceptability (personal and interpersonal; structural; political; market; local and community) adapted from social acceptance models.



Project funding


Total cost:
1,893,370 euros

EU funding:
1,514,696 euros

Funding instrument:
EMFF

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Impact & Results

The project will better inform decision-makers and managers on environmental risks, help reduce environmental and consenting uncertainty, develop country-specific licensing guidance and produce suitability maps for wave energy developments based on MSP decision support tools for most of the EU countries in the Atlantic Arc.

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