



W E S E
WAVE ENERGY
IN SOUTHERN EUROPE

WESE Project



WESE project is co-funded by the European Climate, Infrastructure and Environment Executive Agency (CINEA)

Scientific partners



MEMBER OF
BASQUE RESEARCH
& TECHNOLOGY ALLIANCE



Industrial partners

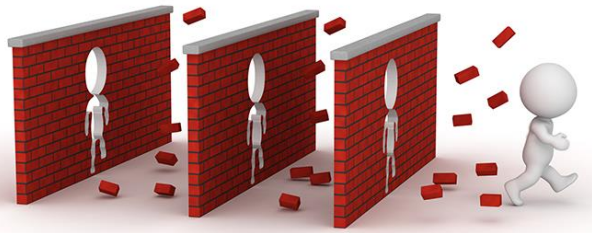


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The main objective of WESE project is to contribute to **overcome** the **non-technological barriers** that could hinder the future development of Wave Energy (WE) in EU

- (i) the environmental risk and **uncertainty** about the potential **environmental impacts** of WE developments;
- (ii) the need of a **Maritime Spatial Planning (MSP)** approach to overcome the potential competition and conflicts between WE and other marine users;
- (iii) the complex and long environmental **consenting processes**

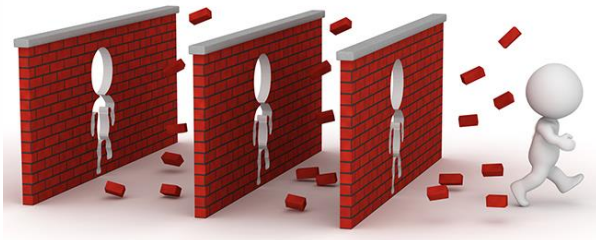


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(1) Environmental risk and uncertainty about the potential environmental impacts of WE developments



Monitoring:

- (i) Underwater noise
- (ii) Seafloor Integrity
- (iii) EME



Modelization:

- (i) Underwater noise
- (ii) Marine dynamics
- (iii) EME



Sharing data:

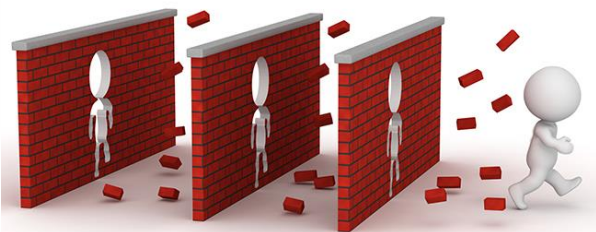


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(3) Complex and long environmental consenting processes

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DELIVERABLE 4.1
STAKEHOLDER DATABASE

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DELIVERABLE 4.2
Review of consenting processes for wave energy in Spain and Portugal focusing on risk-based approach and Adaptive Management

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D4.3
Feasibility for the implementation of wave energy licensing based on a risk-based approach and adaptive management in Spain and Portugal

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D4.4
Guidance for a risk based and adaptive management consenting of wave energy projects in Spain and Portugal

WORK IN PROGRESS

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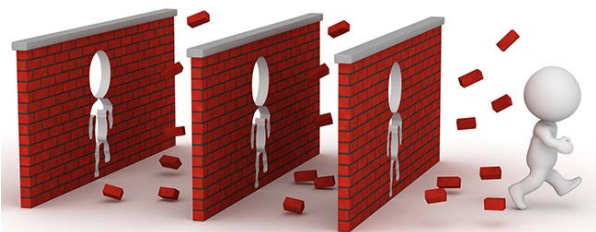


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(3) need of a **Maritime Spatial Planning (MSP)** approach



Wave energy
risk assessment

WEC-ERA tool

<https://aztidata.es/wec-era/>

VAPEM



Ecological assessment
and maritime spatial
planning tool

VAPEM tool

<https://aztidata.es/vapem/>



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