

Introduction
Wave sensing
Modeling floater blanket

Introduction

- Harvesting wave energy (and wind)
- 240 GWh/y (80.000 households)
- 800 MWh loss-free storage
- Anti-cyclic with solar based

- On our way to TRL 4/proof of concept



Wave sensing

Adaptability:

- Requires data on individual incoming wave (height, length, speed, etc.)
- Potential solution:
 - Adapted radar (Thales)
 - Specialized algorithm (Sense2Sea)

Proposal: on testing and validating this solution

Questions:

- Other applications for such a system?
- Other partners interested in participation and/or results?

Modeling floater blanket

Working towards TRL 4 we need:

- mathematical models and simulations of floater blanket
- Validation of those models by empirical scale-model testing

We believe there is no comparable system modeled and simulated

Questions:

- Aware of examples of modeling and simulation of a comparable system?
- Other partners interested in participation and/or results?



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Thank you for your attention

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https://www.youtube.com/results?search_query=ocean+grazer