New Energy Solutions Optimised for Islands

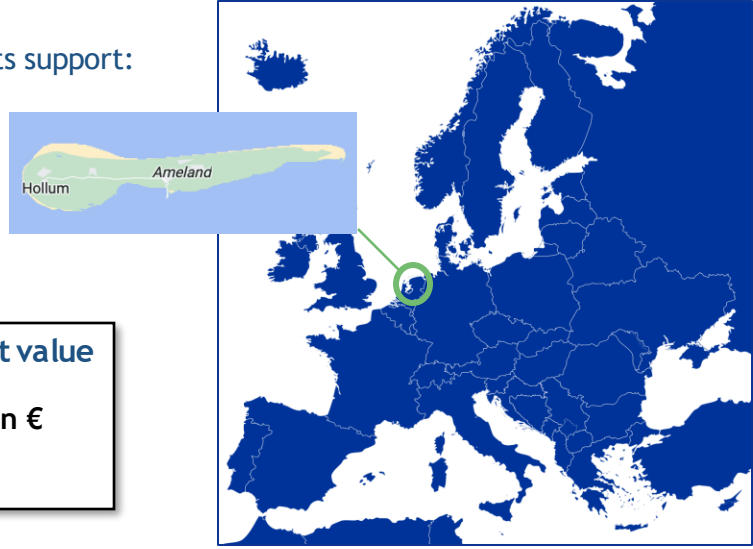
NESOI

EUROPEAN ISLANDS FACILITY

The EU Islands Facility NESOI is pleased to introduce the clean energy project receiving its support:

# FAMTIPP

## Feasibility Ameland TidalKite Power Plant




*"The TidalKite system is a highly innovative and disruptive technology. Its 3D harnessing approach drastically increases the energy yield potential of a single device."*

| Country | Island | Project promoter | Sector | Project value |
|---|---|---|---|---|
| NL | AMELAND | SeaQurrent Holding B.V. | Hydro | 8 mn € |

### What is the project about?

The FAMTIPP project will contribute substantially to the renewable energy share in the Ameland supply mix. Ameland's ambition is to be a frontrunner in the energy transition. Tidal energy is available every day, all year round, and hence contributes to the reliability of supply. It also reduces the system cost of renewables integration, simplifying grid integration and reducing the need for storage or fossil backup at times of low availability of intermittent renewables. TidalKite units offer a preferred alternative as preserving unique and undisturbed seascape views on islands as Ameland.

### How will the EU Islands Facility NESOI support the project?

- Feasibility analysis of a pre-commercial scale TidalKite project
- Risk and vulnerability assessment and identification of available mitigation strategies
- Identification of measures to reach the defined objectives and key project sizing drivers
- Mapping of the main financial instruments available to finance the identified actions
- Action plan and monitoring system, allocation of responsibilities for its implementation
- Support in participatory processes and drafting of the CETA
- Technical support in communication and dissemination of the results

***Ameland Island in the Netherlands***

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NESOI has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 864266