

CORROSION SOLUTIONS FOR OFFSHORE ENERGY

NeSSIE aims to identify innovative corrosion solutions for offshore energy and illustrate them with three large scale demonstrator projects. OWI-Lab is an important partner and provides essential expertise and industrial contacts.

OWI-Lab uses its climatic test chamber, specific field measuring equipment and data analysis tools to support industrial research, development & innovation projects around the world.

These test & validations experiences from the laboratory and from the field are used for better understanding of the performance, reliability and efficiency of wind turbine assets in harsh conditions.

We can help you to set and achieve your goals with technological advice and engineering consulting.

We can support your technological developments by placing our test labs at your disposal.

REDUCTION OF LCoE

To reinforce the European transformation towards a low carbon economy, an accelerated deployment of "Offshore Renewable Energy» (ORE) is required, by reducing the Levelized Cost of Energy (LCoE).

A significant part of the LCoE stems from high installation and O&M costs related to corrosion prevention in maritime environments.

OWI-lab and Sirris aim to reduce the LCoE by focusing on:

- Coatings
- Materials
- Monitoring

NeSSIE – DEMONSTRATOR PROJECTS

The NeSSIE project starts from maritime corrosion knowledge and experience existing in traditional maritime sectors (oil&gas, fishing, transport), evaluates what can be transferred to ORE and identifies knowledge gaps that need to be filled for efficient corrosion protection in ORE.

Technologies will be selected and developed for three demonstrator projects, in close collaboration with the maritime sector supply chain.

Are you looking for corrosion solutions for offshore energy? Are you involved in (maritime) corrosion protection and want to expand your business to offshore energy? Are you interested in contributing to the demonstration projects?



Contact information

Bart Teerlinck
bart.teerlinck@sirris.be