

# OCEAN-H2

## Offshore Clean Hydrogen Production for Multi-use Purposes

### Offshore Hydrogen: secure Europe's clean energy future

The OCEAN-H2 project aims to assess the long-term feasibility of sustainable large-scale green hydrogen production using offshore renewable energy (ORE), with the aim of contributing to the decarbonization of various sectors and the achievement of a clean energy future

#### Main objectives

- 01.** Identifying the most effective technical solution for the large-scale production of green hydrogen in the European Union seas
- 02.** Developing connection models that take into account the specific infrastructures and renewable resources available in each basin, promoting synergy between decentralized production and continental distribution
- 03.** Analyzing the economic factors that influence the feasibility and competitiveness of offshore green hydrogen production compared to conventional methods
- 04.** Studying the social dimensions and potential conflicts of interest related to the acceptability of the system through stakeholders involvement and building consensus around the proposed solutions

#### Expected Results

Contributing to a clean energy future to meet the growing global demand for clean energy



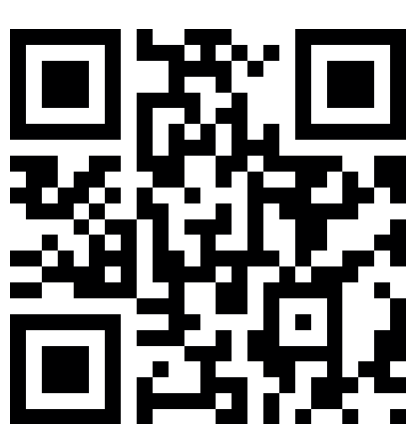
Assessment and analysis of large-scale, sustainable green hydrogen production using ORE to decarbonize various sectors and contribute to a clean energy future



Increasing public and political support for decarbonization efforts to foster a supportive environment



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