

SwitchH2

Start	2024
Subsidy	€ 1.382.000
Private contribution	€ 592.000
Project Coordinator	Bob Rietveldt
Expected results	2028

Project partners



Description of the project:

SwitchH2’s objective is to carry out a preparatory (environmental)study into a demo project that is developing the first FPSO (Floating Production Storage and Offloading Unit) – a floating platform for the production, storage and transhipment of NH3. The study aims to create a technologically validated, economically feasible and organisationally sustainable design for this FPSO in Portugal. The project studies the demonstration of large-scale conversion and energy storage in green NH3 as well as the accompanying (import) transport chain for supplying Dutch industry using shuttle tankers.

Impact:

Acceleration	☑
Scaling up	
Reducing costs	☑
Innovative ecosystem	☑
New talents	

- **Acceleration** by tackling permits and environmental checks early to fast-track deployment.
- **Reducing costs** by producing H₂ & NH₃ in Portugal with cheaper green electricity & by avoiding large investments in infrastructure.
- **Innovative ecosystem** by connecting with local partners for tendering, permitting and system integration.

