

OH2P - Offshore Hydrogen Production

A Task in Definition from the Hydrogen TCP

Main objective

- To build and facilitate a commonly integrated offshore hydrogen production system approach, enabling to provide an international R&I collaboration platform as well as to produce recommendations and guidance to related decision-making processes.

Specific objectives

- To design, assess and promote effective and applicable guidelines on main OH2P value chain configurations and variants
- To discuss and propose an OH2P enabling framework
- To address in a systemic and sustainable way the current relevant gaps, the key challenges, and the drivers within that framework
- To engage an international community of stakeholders
- To produce a roadmap and disseminate recommendations
- To promote evidence-based policymaking

Concept

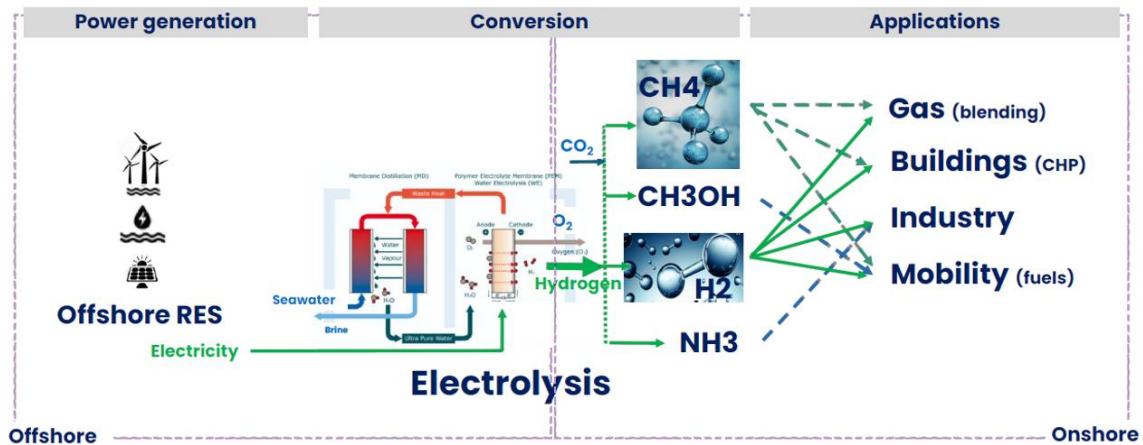


Fig. H2 Value Chains – The H₂ molecule in the Offshore/Onshore interface

Structure & Envisaged collaborations



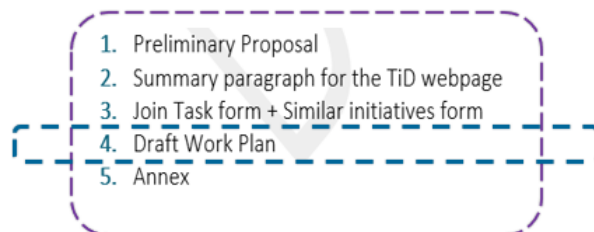
Deliverables

	Goal	Target audience	Extension
Briefs (Policy, Technology)	Short descriptions on a challenge, how to address it, R&I overview, methods, policies, results, and recommendations.	General public, decision-makers Public document	2-4 pages
Technology Insights	Complement the Technology Briefs with more in-depth technical details.	Technical experts, PhD students... Public document	Ca 10 pages
Framework & Guidelines	The structured approach and guidance on how to address complex or accomplish specific issues	Task experts, ExCo Members Internal document	Unlimited
Community & WS	As stakeholders are people who affect or can be affected by a given project decision, it is key to engage the community(ies) in value creation, according to the context	Key stakeholders (institutions, groups, individuals)	Variable
Roadmap	Communicate a updated strategic vision and objectives of the technology and value chains	Task experts, ExCo Members Internal document	Unlimited

Who are we looking for?

	Requirements	Responsibilities
Task experts (all subtasks)	<ul style="list-style-type: none"> ≥ 10% of working time - Active work on R&D in specified technology. - Willingness to participate, share knowledge and experience. 	<ul style="list-style-type: none"> - Active participation in meetings and elaboration of deliverables. - Update corresponding ExCo Member, should they find any challenges in their participation.

Where is TiD OH2P now? →



Why should you join this Task?

- ✓ Join a network of international experts.
- ✓ Contribute to identifying and defining the state of the art for offshore technology.
- ✓ Public acknowledged deliverables, incl. the Hydrogen TCP website.
- ✓ Participate on a cutting-edge R&I approach.
- ✓ Be part of international cooperation in this field.

Any organization, institution, entity, or individual expert from a member Country / Sponsor can participate in the Task upon approval of the Task Manager(s) and corresponding ExCo representatives.