

XINTC's H2 Experience Centre

Start	2023
Subsidy	€ 1,682,232
Private contribution	€ 2,534,706
Project Coordinator	Thornston Holtmüller
Expected results	2024

Project partners



Description of the project:

XINTC is developing a modular electrolyser system in Kootwijkerbroek, directly connected to an operational solar farm. This demonstration site serves as an experience center for stakeholders and will produce green hydrogen for mobility starting in 2024. The long-term ambition is to scale the system to 2.4 MW, enabling flexible, cost-effective, off-grid hydrogen production.

Impact:

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

- **Acceleration:** Demonstrates rapid deployment of solar-powered, off-grid hydrogen systems.
- **Scaling up:** Modular design supports straightforward scaling to 2.4 MW and beyond.
- **Reducing costs:** Direct solar-to-electrolyser connection cuts investment and maintenance costs.
- **Innovative ecosystem:** Combines renewable energy, electrolysis, and system integration in one solution.
- **Talent:** Offers a learning platform for technicians and policymakers through the experience center.

