

H2 Hollandia

Start	2022
Subsidy	€ 6.567.117
Private contribution	€ 27.003.256
Project Coordinator	Jeroen Jansen
Expected results	2026

Project partners



Description of the project:

H2 Hollandia’s objective is to use some of the solar energy generated at Vloeivelden Hollandia to produce green hydrogen. H2 Hollandia plans to produce around 300,000 kg of hydrogen annually by installing a 5 MW electrolyser at the 115 MWp Vloeivelden solar farm. This could halve that solar farm’s curtailment (the electricity that cannot be delivered to the grid and is therefore wasted).

Impact:

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

- **Acceleration** by converting solar power curtailment into hydrogen, speeding up the rollout of clean hydrogen infrastructure.
- **Scaling up** by installing 5 MW electrolyser at the 115 MWp solar park, demonstrating the feasibility of scaling green hydrogen production.
- **Reducing costs** by halve the curtailment, using lost energy at low price.
- **Innovative ecosystem** by setting up a user group of stakeholders.

