

De Leidingstraat

Start	2024
Subsidy	€ 393.700
Private contribution	€ 192.500
Project Coordinator	Tamara Koeman
Expected results	2027

Project partners



Description of the project:

The research focuses on the technical, economic and spatial planning feasibility and suitability of a green hydrogen installation at three possible locations, within the Energy Landscape 'De Groene Kamers van Rilland'. The congestion issue and the mismatch between supply and demand are currently the main obstacles for the ongoing energy transition. In addition to the necessary reinforcements of the network, the incorporation of buffer capacity and regulating capacity (flexibility) is also necessary to achieve the energy transition goals. The development of this green hydrogen installation can relieve the electricity grid at busy times.

Impact:

Acceleration	☒
Scaling up	☐
Reducing costs	☒
Innovative ecosystem	☒
New talents	☐

- **Acceleration** by relieving grid congestion, enabling faster integration of new renewable generation.
- **Reducing costs** by optimizing grid capacity and reducing curtailment or expensive reinforcements.
- **Innovative ecosystem** by connecting energy producers, network operators, and hydrogen users in a pioneering setup.

