



# STRONGHOUSE

## Sustainable housing for strong communities

What steps are needed to further develop green hydrogen as a viable alternative to natural gas for home heating? To find more answers, we are organizing a 2-day hydrogen-themed expedition in the north of Netherlands and Germany, within the context of the **Interreg NSR Stronghouse** project. Our basecamp is in the City of Groningen.

**Join us on this journey of discovery, visiting practical H2 examples and inspiring demonstrations!**

- **Visit the hydrogen heated neighbourhood in Hoogeveen**
- **Learn more at the hydrogen test hub EnTranCe - Centre of Expertise at Hanze University of Applied Sciences**
- **Listen to DNV, the energy transition experts .**
- **Be inspired by the New Energy Coalition and the first Hydrogen Valley in Europe**
- **Hear how the Gasunie develop a strategy for a national H2 network.**
- **Join us at Groningen Airport Eelde for the H2 GPU demonstration**
- **See more in Bremerhaven - H2 production and storage for district heating**

**Location: Groningen Date: 29<sup>th</sup> & 30<sup>th</sup> March 2023**

Check the full programme for more detailed information and register now! To ensure an optimal knowledge exchange, Stronghouse partners are urged to invite stakeholders and interested parties from their region.

**28th March 2023 - Arrival in Groningen**

*\*Informal dinner on 28<sup>th</sup> and hotel accommodation are at one's own expense.*

## Hotels

We have two hotel suggestions in Groningen city centre:

- The Market Hotel, Grote Markt 31 9712 HS Groningen
- NH Hotel Groningen, Hanzeplein 132 9713 GW Groningen

## Programme

29th March 2023

Location: Hoogeveen and Groningen

8.00	<b>Departure by bus to Hoogeveen</b>
9.00 – 12.30	<ul style="list-style-type: none"> <li>• <b>Kees Boer, Municipality of Hoogeveen</b> - Our H2 district approach - Hydrogen District Hoogeveen</li> <li>• <b>Bastiaan Meijer, RENDO</b> (gas network operator) – The temporary exemption order for hydrogen transport</li> <li>• <b>Sjoerd IJdema, Project Leader</b> for residents of the hydrogen neighbourhood – The role of the residents - Visit to the Hydrogen Tiny House</li> <li>• <b>Alco Otten, Alfacollege</b> – The importance of hybrid projects for inspiring technology and business involvement.</li> <li>• <b>Raymond van de Tempel, REMEHA</b> - The hydrogen heat boiler.</li> <li>• <b>Rene Wit</b> - The Tiny House's sustainable hydrogen system.</li> <li>• <b>Erik Hommes, Doc 33</b> – A practical training on hydrogen for (local) installers.</li> <li>• <b>Michel Maseus, Waterboard Drents Overijsselse Delta</b> (TBC) - Electrolysis next to a sewage treatment plant.</li> </ul>
12.30	<b>Departure by bus to Groningen</b>
13.30 – 17.30	<b>EnTranCe Hanze University of Applied Sciences</b> <ul style="list-style-type: none"> <li>• <b>Jan Jaap Aué, Director and lecturer at EnTranCe Centre of Expertise</b> - Energy and hydrogen applications Explanation of the hydrogen booster, business support and the realization of hydrogen innovations.</li> <li>• <b>Amar Bennadji, lecturer Spatial Transformations</b> Hanze University of Applied Sciences (Stronghouse associate via the Robert Gordon University, Aberdeen)</li> <li>• <b>Arne Vuylsteke, Vives University of Applied Sciences</b> - Vives' hydrogen programme and Leuven University's hydrogen solar panel.</li> <li>• <b>Willem Henskens and Maarten Moolhuysen, Essent</b> – Hydrogen ambitions and pilot support in the Netherlands (buying and selling green hydrogen for consumers)</li> <li>• <b>Ted Wildenberg, EnTranCe and Johan Jonkman, RENDO</b> – guided tour of hydrogen network WING</li> <li>• <b>Visit to DNV</b> – gaining insights into the physical properties of hydrogen.</li> </ul>
19.30-21.30	<b>Dinner – address TBC</b> <ul style="list-style-type: none"> <li>• <b>Jochem Durenkamp and Geerte de Jong</b> – Hydrogen Valley (H2 Energy Applications in Valley Environments for Northern Netherlands) by the New Energy Coalition</li> </ul>



	<ul style="list-style-type: none"> <li>• <b>Ronald Velthuizen</b> – Gasunie’s Hydrogen Strategy, developing a national hydrogen network and role in Hoogeveen.</li> </ul>
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### 30th March 2023

Location: Groningen Airport Eelde and Bremerhaven (Germany)

8.00	<b>Departure by bus to Groningen Airport Eelde</b>
9.00 – 11.00	<b>Groningen Airport Eelde</b> <b>Jonas van Dorp, Manager Commerce &amp; Communicatie</b> – The hydrogen ambitions at GAE and demonstration of the hydrogen Ground Power Unit (H2-GPU)
11.00	<b>Departure by bus to Bremerhaven</b>
14.00 – 17.00	<b>Bremerhaven</b> <ul style="list-style-type: none"> <li>• <b>Uwe Werner, Hochschule Bremerhaven</b> - Production of green hydrogen in a micro-grid container.</li> <li>• More to follow...</li> </ul>
18.00 – 20.00	<b>Dinner – address TBC</b>
20.00	<b>Departure by bus to Groningen</b>

### Registration

You can register for this event by filling in the form below. Please send this to [waterstofwijkhoogeveen@hoogeveen.nl](mailto:waterstofwijkhoogeveen@hoogeveen.nl) by 1st March 2023.

Name	
Organisation	
I will attend informal dinner on 28th March Yes/No	
I will participate in the full programme 29 <sup>th</sup> March. Yes/No	If No...please indicate which part you WILL attend
I will participate in the full programme 30th March. Yes/No	If No...please indicate which part you WILL attend
Please specify any dietary wishes/ allergies	
Anything else?	