

# Hy<sub>2</sub>Market



## Creating the Hydrogen Market for Europe

In this first Hy2Market newsletter of 2026, we are pleased to share several new insights and developments from across the project's European hydrogen regions. This edition features a regional highlight on the Northern Netherlands, where partners are advancing hydrogen transport, compression, and infrastructure solutions that contribute to the development of integrated hydrogen value chains.

We also spotlight HyET Hydrogen's Electrochemical Hydrogen Compression and Purification (EHCP) technology, an innovative approach being evaluated within Hy2Market to simplify hydrogen compression and purification for transport and industrial use. In addition, this newsletter presents a report summary on hydrogen and oxygen applications in energy-intensive industries, highlighting pathways to decarbonise sectors such as steel, cement, chemicals, and industrial heat.

Additionally, we share the recently published Hy2Market White Paper on Hydrogen Skills and Workforce Insights, which explores how education and training can better align with the needs of Europe's growing hydrogen sector. Finally, this edition also highlights the upcoming Hy2Market International Knowledge Exchange #5, which will explore the role of digital transformation in enabling the hydrogen economy.

Together, these highlights demonstrate how Hy2Market continues to connect hydrogen production, infrastructure, industry, and skills development across regions, supporting Europe's transition toward a competitive and sustainable hydrogen economy. Stay connected with us on [LinkedIn](#) for the latest updates and developments.

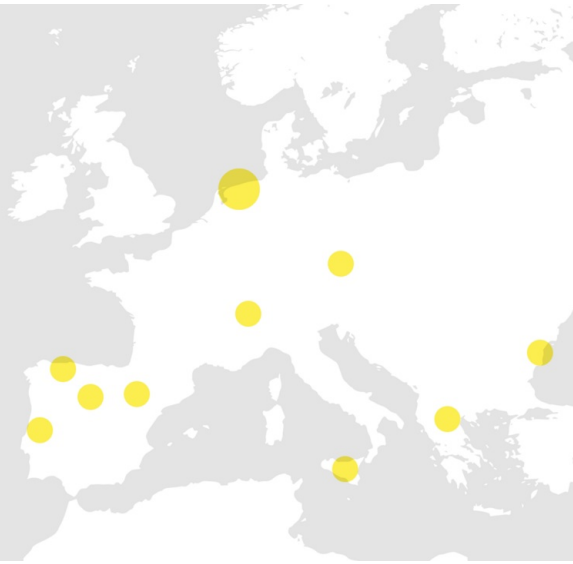
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## Latest News

Region  
**Northern Netherlands**

Activities  
H<sub>2</sub> transport

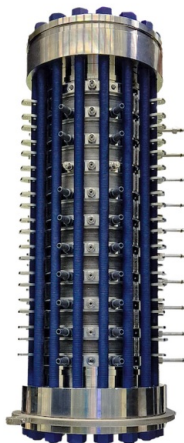
Partners  
New Energy Coalition  
HyEnergy TransStore  
SoluForce  
HyET Hydrogen  
HyEnergy Consultancy  
Summit Engineering  
DEMCON Energy Systems  
Firan



## Hy2Market Regional Highlight: Northern Netherlands

In the Northern Netherlands, Hy2Market partners are advancing innovative solutions for hydrogen transport, compression, and system integration. Activities include the deployment of SoluForce's Flexible Composite Pipe hydrogen pipeline in Deventer, hydrogen infrastructure development connecting Nobian in Delfzijl, and the evaluation of HyET Hydrogen's electrochemical purification and compression technology. Supported by modelling, system optimisation, and regional coordination from partners including DEMCON, Summit Engineering, HyEnergy Consultancy, and New Energy Coalition, these initiatives demonstrate how integrated hydrogen infrastructure can be developed and replicated across Europe.

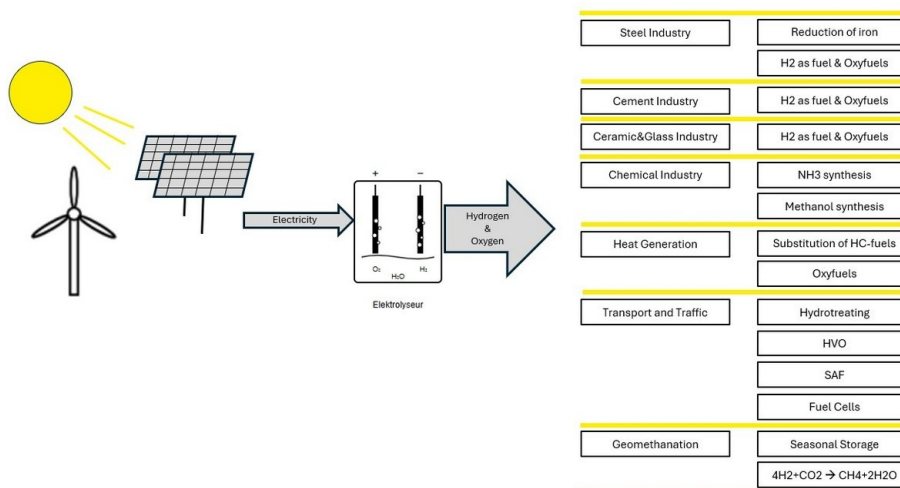
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## HyET Hydrogen's Electrochemical Hydrogen Compression & Purification Technology

Within the Hy2Market project, HyET Hydrogen is advancing its Electrochemical Hydrogen Compression and Purification (EHCP) technology, which combines hydrogen compression and purification in a single device using proton exchange membrane technology. This approach has the potential to simplify hydrogen infrastructure and reduce costs compared to conventional multi-stage compression and purification systems. In Hy2Market, the technology is being evaluated for potential applications in hydrogen hubs, industrial hydrogen supply systems, and electrolysis-based production sites across Europe.

[Read more](#)



## Hy2Market Report Summary: Hydrogen and Oxygen in Energy-Intensive Industry

Hy2Market has published a summary of a new report on the role of hydrogen and oxygen in energy-intensive industries. Developed by Prozess Optimal with contributions from K1-MET, Power Evolution, SNAM, and WIVA P&G, the report explores how hydrogen can decarbonise sectors such as steel, cement, ceramics, glass, and chemicals. It also highlights opportunities such as oxygen valorisation and geo-methanation for seasonal energy storage, providing practical insights for industrial stakeholders working toward climate-neutral production.

[Read more](#)



## **White Paper on Hydrogen Skills & Workforce Insights**

Following the publication of Deliverable 6.3 Final Training Guidelines, Hy2Market has released a new white paper titled “Hydrogen Skills and Workforce Insights in Europe.” The white paper summarises key findings on how hydrogen education and training can better align with industry needs, highlighting the importance of on-the-job learning, peer exchange, and targeted upskilling to support Europe’s growing hydrogen sector.

[Read more](#)



## **Hy2Market International Knowledge Exchange #5: Digital Transformation in the Hydrogen Economy**

The fifth Hy2Market International Knowledge Exchange will take place on 23 April 2026 from 9:00–11:00 CET and will focus on the role of digitalization in advancing the hydrogen economy. The online session will explore how digital tools and data-driven approaches can support hydrogen production, transport, and industrial use while improving system efficiency, safety, and integration with renewable energy sources. **Keynote**

contributions from experts in digital hydrogen solutions will provide practical insights and stimulate discussion among stakeholders from across the hydrogen ecosystem. Registration is free.

[Read more](#)

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## Meet the Hy2Market Project Partners



DEMCON Energy Systems supports Hy2Market by modelling electrolyser operation to optimise process control, grid balancing, and system performance for hydrogen production.

[Read more](#)

Firan helps to realize a future-proof hydrogen value chain in Europe. This innovative partnership between European Hydrogen Valley regions work to advance hydrogen production, transport and application.

[Read more](#)



**HyEnergy**  
Consultancy

HyEnergy Consultancy brings expertise in hydrogen valleys to Hy2Market, assessing the role of liquid hydrogen for transport and industrial decarbonisation across Europe.

[Read more](#)



**HyEnergy**  
TransStore

HyEnergy TranStore is developing, engineering and investing in a pipeline connection between the Nobian chlor-alkali facility and the HTS designated site, using new novel pipeline materials.

[Read more](#)

HyET Hydrogen's role within the Hy2Market project is to demonstrate the performance of its compression and purification technology when applying it to real industrial scale cases.

[Read more](#)

SoluForce is a key participant, actively involved in addressing challenges in hydrogen transport. Beyond conventional methods, SoluForce explores innovative pipeline solutions to enhance safety, efficiency and affordability.

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Summit Engineering contributes expertise on electrolyser control, grid balancing, and system optimisation, supporting cost-effective and integrated hydrogen solutions within Hy2Market.

[Read more](#)



Drivers of Change

New Energy Coalition is the project coordinator for Hy2Market and is responsible for the external communications of the project and project results.

[Read more](#)

## Hy<sub>2</sub>Market



Co-funded by  
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Contact:  
Nijenborg 6  
9747 AG Groningen  
The Netherlands

T +31 88 11 66 800

[info@hy2market.eu](mailto:info@hy2market.eu)

[www.hy2market.eu](http://www.hy2market.eu)

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