

Hy₂Market



Creating the Hydrogen Market for Europe

As Europe accelerates its transition toward a hydrogen-based economy, Hy2Market partners continue to demonstrate how regional collaboration drives real progress. In Sicily, five project partners are advancing a 1 MW green hydrogen pilot that integrates hydrogen into power generation, a major step for industrial decarbonisation in Southern Europe. At the EU level, Hy2Market was showcased during the I3 Support Facility Virtual Event organised by EISMEA, where Project Manager Dirk Koppert shared lessons on effective interregional project management. Meanwhile, in the Northern Netherlands, partner HyEnergy Consultancy Limited has published a new study exploring the potential of liquid hydrogen for transport and industry, positioning the region as a future hub for clean hydrogen logistics. Together, these initiatives underline Hy2Market's mission to turn regional innovation into practical pathways for Europe's hydrogen market deployment. Stay connected with us on [LinkedIn](#) for the latest updates and developments.

Latest News

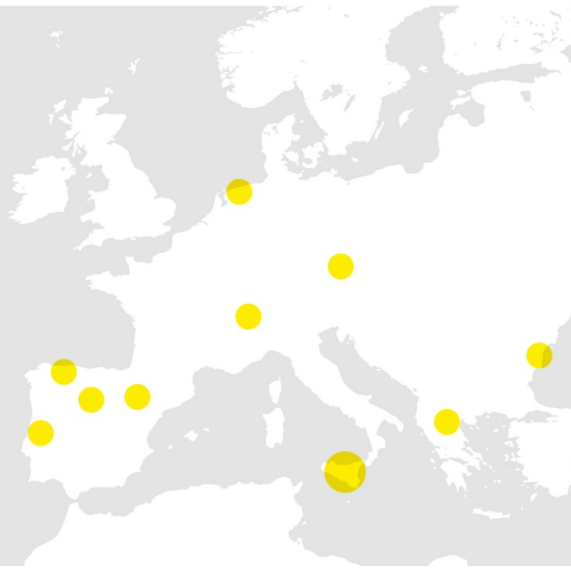
Region
Sicily

Activities

H₂ production
H₂ as feedstock

Partners

Consiglio Nazionale delle Ricerche
Duferco Engineering S.p.A.
De Nora
Power Evolution
SNAM



Hy2Market Regional Highlight: Sicily, Italy

In Sicily, five Hy2Market partners, CNR-ITAE, Duferco, De Nora, SNAM, and Power Evolution, are advancing a pioneering 1 MW green hydrogen pilot at the Giammoro site. The electrolyser, supplied by De Nora, will produce hydrogen for blending into Duferco's 58 MW turbine, reducing CO₂ emissions and supporting grid regulation. CNR-ITAE provides scientific expertise, Power Evolution leads optimisation and scale-up, and SNAM explores how existing infrastructure can integrate hydrogen into hard-to-abate sectors. Together, these efforts position Sicily as a key testing ground for hydrogen integration in Southern Europe.

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Hy2Market Featured at I3 Virtual Event

Hy2Market was recently featured at the 10th I3 Support Facility Virtual Event, organised by EISMEA, where Project Manager Dirk Koppert

presented the project as a case study on interregional innovation management. The session highlighted practical lessons from Hy2Market, including the importance of strong regional coordination, active stakeholder engagement, and translating EU grant requirements into day-to-day operations. By sharing these best practices, Hy2Market contributed to peer learning across Europe and showcased how interregional collaboration can accelerate hydrogen deployment.

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Deliverable 3.5: High-Level Study on Liquid Hydrogen for Transport in the Northern Netherlands

Developed by Hy2Market partner HyEnergy Consultancy Limited, this new study explores the potential of liquid hydrogen (LH₂) in the Northern Netherlands, analysing its benefits for industrial, maritime, and aviation applications. With a focus on the Delfzijl–Eemshaven area, the report highlights how the region's strong hydrogen infrastructure and offshore wind capacity could make it a leading hub for clean liquid hydrogen in northwestern Europe.

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Meet the Hy2Market Project Partners



Consiglio Nazionale delle Ricerche (CNR-ITAE) leads the Sicilian pilot in Hy2Market, bringing scientific expertise in hydrogen production, system integration, and industrial decarbonisation.

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Power Evolution drives the design, optimisation, and scale-up of Sicily's green hydrogen pilot at Duferco's Giammoro plant, focusing on production, storage, and blending to decarbonise power generation.

[Read more](#)

Duferco Engineering

Duferco hosts the Hy2Market Sicilian pilot at its Giammoro site, integrating green hydrogen into a 59 MW peaker turbine to cut emissions and support grid stability.

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De Nora supplies the Dragonfly electrolyser for the Sicilian pilot, producing green hydrogen to support fossil fuel substitution in power generation.

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SNAM is Italy's leading gas transport and storage company and brings its expertise in energy infrastructure to Hy2Market, exploring how Sicily's gas network can integrate and scale renewable hydrogen for industry.

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

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