



Creating the Hydrogen Market for Europe

As we move into the summer season, the Hy2Market project continues to build momentum across Europe. In this newsletter, we spotlight the region of Castilla y León, where partners like H2CYL and TRESCA are driving hydrogen innovation across sectors. We also recap our recent presence at ICSET 2025 in Lipari, including a dedicated session on Hy2Market's regional pilots and a productive Consortium Meeting hosted by CNR-ITAE. Looking ahead, we invite you to join our upcoming International Knowledge Exchange on hydrogen in the chemical industry. As many of you prepare for a well-deserved summer break, we thank you for your continued interest and wish you a restful and inspiring holiday season! Stay connected with us on LinkedIn for the latest updates and developments.



Hy2Market Regional Highlight: Castilla y

León, Spain

Castilla y León is positioning itself as a driving force in inland hydrogen development within Hy2Market, thanks to its renewable energy capacity, industrial base, and active institutional backing. Regional partner H2CYL – the Castilla y León Hydrogen Association leads efforts with a 78-member network spanning the full hydrogen value chain. Key contributions include Cartif Technology Centre's electrolysis R&D and hydrogen-agriculture integration, EREN's regional coordination, Reolum's 200+ MW green H₂ project in La Robla, and Renault Spain's hydrogen logistics trials in Valladolid. Hiperbaric, based in Burgos, is advancing compression systems for green hydrogen deployment. These efforts culminate in the CyLH2Valley, a major initiative to produce over 16,000 tons of hydrogen annually, supported by infrastructure, training, and industrial integration. Castilla y León's work exemplifies how inland regions can play a pivotal role in achieving Europe's hydrogen and decarbonisation goals.





Hy2Market Consortium Meets in Lipari and Showcases Hydrogen Pilots at ICSET 2025

On 24–25 June, the Hy2Market Consortium gathered in Lipari (Italy) for its fourth in-person meeting, hosted by CNR-ITAE alongside the ICSET 2025 Conference. The event offered a key platform for strategic planning, knowledge exchange, and showcasing results from over 15 pilot and investment projects. Partners shared updates on innovations from Austria to Aragon, including methanation, hydrogen-from-waste, industrial retrofits, mobility pilots, and infrastructure like the FTP pipeline in the Netherlands. On 25 June, Hy2Market's dedicated session at ICSET 2025 drew strong interest, with contributions from New Energy Coalition, Montanuniversität Leoben, CLUBE, IrRADIARE, HYE Transstore, and CNR-ITAE, reflecting the project's technical breadth and cross-regional momentum. Special thanks to CNR-ITAE for hosting this milestone event.

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Hy2Market Showcased at ICSET 2025 in Lipari

Hy2Market took the spotlight at the International Conference on Sustainable and Environmental Technologies (ICSET 2025), held from 22–26 June on the island of Lipari, Italy. A dedicated session, chaired by Dirk Koppert (New Energy Coalition) and Francesco Sergi (CNR-ITAE), brought together project partners from across Europe to present innovations spanning the hydrogen value chain. Highlights included presentations by Montanuniversität Leoben (Austria) on catalytic methanation and biomass valorisation, CLUBE (Greece) on bio-hydrogen from urban waste, IrRADIARE (Portugal) on the HYTAGUS Valley pilot, HYE Transstore (Netherlands) on liquid hydrogen suitability, and CNR-ITAE (Italy) on hydrogen system optimisation. The session reinforced Hy2Market's crossregional approach to building an integrated European hydrogen market through real-world demonstrations and applied research.

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Hy2Market International Knowledge

Exchange Workshop

The Hy2Market International Knowledge Exchange Workshop series facilitates vital knowledge exchange and collaboration among project partners and external stakeholders, fostering the development of a robust green hydrogen economy in Europe. The fourth scheduled online event in this series focuses on the role of hydrogen in the chemical industry, and will take place on Wednesday, 17 September 2025 from 11:00-12:30 (CEST). Registration is free.



Meet the Hy2Market Project Partners



H2CYL, the regional hydrogen association of Castilla y León, brings together over 65 members across the entire hydrogen value chain to drive industrial, economic, and social development through renewable hydrogen.



TRESCA is developing, jointly with EDP, a feasibility study for an upscale in Asturias location of up to a 500 MW.

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