



Weekly Hydrogen Pulse - May 10, 2025

The hydrogen revolution is accelerating globally. Explore major developments from Asia, North America, and Europe reshaping the energy landscape this week.

by Magdy Aly



Asia Pacific Takes Bold Steps Forward



South Korea

South Korea announces new 3,000 GWh hydrogen-to-power tender for 2025 with improved terms and broader eligibility criteria



India

Coal India signs landmark 4.5GW renewables deal for green ammonia production, marking the largest green hydrogen deal to date



China's Manufacturing Surge

Record-Breaking Production

Electrolyser orders in first four months of 2025 have already exceeded total for whole of 2024

Policy Support

Beijing's policy push accelerating low-carbon hydrogen development as part of national decarbonization strategy

North America Secures Hydrogen Leadership



US Policy Commitment

US Energy Secretary confirms hydrogen hub funding will continue, stating "I don't know where these rumors come from"



Major Export Deal

ExxonMobil signs major blue hydrogen-ammonia export agreement with Japan



Project Pipeline

At least three large-scale blue hydrogen projects expected to reach FID in 2025

Europe Advances Hydrogen Infrastructure



Germany

Germany begins filling operations at its largest salt cavern hydrogen storage demonstration project



Pipeline Networks

Expansion of dedicated hydrogen pipeline networks across major industrial corridors



Production Capacity

New electrolyzer installations increasing clean hydrogen production capabilities

Market Outlook



Pivotal Year

2025 expected to be pivotal year despite persistent challenges like cost pressures

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Giga-Scale Projects

At least one more giga-scale green hydrogen project (1GWe+) expected to reach FID this year



Steel Industry

Steelmakers need hydrogen at \$2/kg for economically viable green steel production

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Weekly Insights

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