

Media Release

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Axpo joins major green hydrogen project in Italy

Axpo is joining a large-scale green hydrogen project in the Abruzzo region of Italy, it was announced today. Using existing industrial facilities in Corfinio, Axpo is partnering with Infinite Green Energy (IGE), which initiated the project, to deliver up to 12 tonnes of hydrogen a day to help decarbonise customers' operations in so-called 'hard-to-abate' industrial and transportation sectors. The project includes a 30MW electrolyser powered by a 45MWp solar plant, making it one of the largest hydrogen plants in Italy.

Axpo and Australian renewable hydrogen company Infinite Green Energy have signed a Joint Development Agreement (JDA) for the Valle Peligna Hydrogen Project in Abruzzo. The JDA outlines the strategic partnership, advanced design and investment in the plant, which will contribute to the decarbonisation of industries in the Corfinio municipality. As one of the biggest commercial-scale green hydrogen facilities in Italy, the plant will supply green hydrogen to customers in the industrial and transportation sectors. The facility will also provide green electricity to the local grid by the second half of 2025.

Supporting 'hard-to-abate' industry and transportation sectors

Head of Hydrogen at Axpo, Guy Bühler, said, "We are delighted to be collaborating with IGE on this exciting project. The production of green hydrogen will play an important role in accelerating the energy transition, which is at the heart of Axpo's business strategy, creating opportunities for people and businesses."

IGE CEO, Stephen Gauld said, "Partnering with an international energy company like Axpo will continue to build the confidence of our shareholders and strategic partners. The partnership highlights IGE's commitment not just to fighting climate change, but also delivering a sustainable energy future, creating new jobs in our local communities which will benefit from green energy production."

IGE is already in discussion with hydrogen truck manufacturers regarding the fuel's transportation applications. The Valle Peligna project will see an initial offtake by Etex,

one of Europe's leading suppliers of gypsum products. The delivery of green electricity to power the production lines in its factories will also help the manufacturer achieve its goal of replacing the use of natural gas with hydrogen. Overall, IGE estimates an annual CO₂ emissions saving from the project of around 67,000 tonnes a year, including those from hard-to-abate industries.

Italy's 'Hydrogen Valley'

The Valle Peligna Hydrogen Project 30 MW electrolyser can produce up to 4,200 tonnes of hydrogen annually, representing a saving of around 18 million litres of diesel fuel. Since IGE launched the project 18 months ago, local authorities have named the area 'Hydrogen Valley'.

The development could also include a hydrogen refuelling station. Future expansion across the European Union's Trans-European Transport Network, on which hydrogen stations must be located every 200 kilometres by 2030, is also a possibility.

About Axpo

Axpo is driven by a single purpose – to enable a sustainable future through innovative energy solutions. Axpo is Switzerland's largest producer of renewable energy and an international leader in energy trading and the marketing of solar and wind power. Axpo combines the experience and expertise of more than 6,700 employees who are driven by a passion for innovation, collaboration and impactful change. Using cutting-edge technologies, Axpo innovates to meet the evolving needs of its customers in over 30 countries across Europe, North America and Asia.

About Infinite Green Energy (IGE)

Infinite Green Energy (IGE) is a public unlisted company, based in Perth, Western Australia, and is committed to leading the transition to a net zero emissions economy by developing projects in Australia, Italy and New Zealand to produce and deliver green hydrogen to domestic and export markets around the world. Renewable hydrogen is an emerging resource that will play an important role in decarbonising the world's economy in the future with significant potential to be utilised into power grids for transport, infrastructure, and industry. Find out more about IGE at www.igeh2.com

About Etex

Etex is a leading Belgian company specialized in building materials production. It operates in 45 countries with more than 160 facilities and more than 13 500 employees expertise in the production of innovative building solutions. With a commitment to sustainability and energy efficiency, Etex stands out for its ability to provide state-of-the-art products that contribute to successful construction projects around the world.



Additional information

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