

Energie 360° and TES enter into partnership to supply green energy to industry

Zurich/Brussels, February 23, 2023 - Zurich-based energy provider Energie 360° aims to supply its customers exclusively with renewable energy by 2040. TES is a global green hydrogen company that aims to achieve a net-zero emissions future by decarbonizing the energy supply chain. Both companies aim to support each other in achieving their goals: TES aims to supply Energie 360° with around one terawatt hour (TWh) of eNG (renewable synthetic methane) annually from 2027. Energie 360°, in return, wants to supply renewable CO₂ to TES. To this end, the two companies have signed a letter of intent.

The main goal of TES is to accelerate the energy transition by using existing global energy infrastructure to supply customers with renewable synthetic methane (eNG). This is produced by combining green hydrogen and CO₂. TES wants to supply Energie 360° with eNG produced in regions that have large amounts of renewable energy. In return, Energie 360° wants to supply renewable CO₂, for example from its own energy plants. This creates and maintains a circular closed loop.

eNG for industry

Gas is being used less and less for heating or cooking in Switzerland. Energie 360° is therefore already implementing systems that use renewable energy sources, such as energy networks or integral solutions. Jörg Wild, CEO of Energie 360°, says: "In the future, there will still be industrial companies that need gas - especially for special high-temperature applications - but we want to offer this gas completely from renewable sources. The transformation of the energy system from fossil to renewable is a major challenge. We look forward to working with TES and believe that the partnership we are seeking can contribute as an important piece of the energy transition puzzle."

Zero-emission energy cycle

TES uses recycled CO₂ as the transport medium for green hydrogen: it is captured at source and then transported to locations where it can be combined with green hydrogen to create eNG. This creates a closed, emission-free energy cycle. Marco Alverà, CEO of TES: "We are pleased to support Energie 360°'s efforts to decarbonize by offering them cost-effective, green energy. Energy suppliers play a critical role in the energy revolution realising the goal of net-zero and actively contributing to a true circular economy."

Rafael Löhner, Head of Business Development Switzerland, adds: "TES allows its customers to fully decarbonize without investing in new infrastructure. We are excited that Energie 360° and their customers can leverage this to move to net-zero quickly and efficiently".

About Energie 360°

Energie 360° makes sustainable energy available throughout Switzerland. Its 350 employees are committed to working with customers, partners, and communities to promote renewable energy and eco-mobility. The City of Zurich holds a 96% share in Energie 360°, which supplies the metropolis – and 42 other communities – with increasing amounts of renewable energy. The company plans, builds and operates energy solutions. It invests in electric charging stations and, as a leading supplier of biogas and wood pellets, provides customers with climate-friendly energy. That is how Energie 360° contributes day in and day out to achieving the 2,000-watt society – here and now for coming generations.

About TES

Tree Energy Solutions (TES) is a green hydrogen company providing long-term, non-intermittent, carbon-neutral, on-demand, industrial-scale energy. TES aims to accelerate the energy transition by leveraging existing global energy infrastructure to provide customers with green hydrogen, green gas and green electricity while accelerating the fossil fuel phase-out of the global energy system and embracing a circular carbon economy. TES is currently developing power supply sites and import terminals in Germany, Belgium, France, the Netherlands, and the United States to create an integrated network of significant global reach. First production and export terminal locations are developed in Australia, the Middle East, and North America.

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