



Press Release

TES and the VBSA sign partnership to decarbonise waste-to-energy plants in Switzerland

TES, which is pioneering a business model to deliver large amounts of renewable and affordable eNG (green gas) by combining hydrogen with recycled CO₂ creating a closed zero-emissions energy loop, and the Swiss Association of waste-to-energy plants operators (VBSA) are partnering to capture and transport CO₂ from Switzerland abroad.

Berlin & Bern, 14 November 2022 – TES and the VBSA have signed a partnership to decarbonise waste-to-energy plants in Switzerland, that emit around 4 million tons of CO₂ per year. TES and OGE are cooperating to build a 1,000-kilometre-long CO₂ transport system in Germany, connecting the TES Green Energy Hub in Wilhelmshaven with several industrial sites, where the CO₂ will be shipped and then sequestered or reused for the production of eNG. Switzerland's strategic locations such as Basel can be connected to this infrastructure via train or pipelines.

The scope of the partnership will be to establish how much CO₂ should be removed from Switzerland and over what period of time, so that these quantities can be taken into account when dimensioning the transport network in Germany as well as any connecting routes.

TES's green energy hub in Wilhelmshaven will act as a catalyst for a circular carbon economy. The recycled CO₂ will serve as a carrier to transport green hydrogen: it will be captured at the source and transported to locations where it can be either sequestered or combined with green hydrogen to create eNG, giving rise to a circular, closed zero-emissions energy loop. The Wilhelmshaven Green Energy Hub will become a primary entry point for green, safe and affordable energy in Europe.

"We are breaking new ground with the decarbonization of our waste-to-energy plants. CO₂ removal is a particular challenge. By 2050 at the latest, we need a reliable transport infrastructure for millions of tons of CO₂. Today we need competent partners to advance the planning of this infrastructure. I am pleased that TES will bring its expertise to this process," says Robin Quartier, Director of the VBSA.

"We are pleased to collaborate with the Association of Swiss waste-to-energy plants operators in their carbon recycling process. Our joint initiative supports the goal of tackling global decarbonization while also delivering green, affordable energy in Europe," says Marco Alverà, CEO of TES.

"The cooperation between TES and VBSA will accelerate the decarbonization of Switzerland by defining a clear transport strategy for the 29 waste-to-energy plants that will pave the way



for the Swiss industry to be connected to a larger European CO2 infrastructure,” says Rafael Löhner, Business Development Switzerland TES.

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About VBSA

The Association of Swiss waste-to-energy plants operators (VBSA) is the most important association in Swiss waste management. Its members include all waste-to-energy plants in Switzerland and all major Swiss waste management companies. The association is committed to sustainable, environmentally friendly and professional waste management.

www.vbsa.ch

About TES

Tree Energy Solutions (TES) is a green hydrogen company supplying long term non-intermittent carbon-neutral energy on-demand at industrial scale. TES aims to accelerate the energy transition by leveraging existing global energy infrastructure to reach customers with green hydrogen, green gas and green power while accelerating the phaseout of fossil fuels from the energy system worldwide and adopting a circular carbon economy. TES is currently developing energy supply and import terminal locations in Germany, Belgium, France, The Netherlands, and the United States to provide an integrated network of a significant global scale. Initial production and export terminal locations are being developed in the Middle East and North America.

www.tes-h2.com