



PRESS RELEASE

TES welcome the new update of the hydrogen strategy by the German Government which outlines a clear pathway to the import of green molecules.

Berlin, 31 July 2023. TES is glad to welcome the updated German hydrogen strategy that envisions an increased hydrogen usage to 95-130 TWh for 2030 with 50% to 70% to be imported. The German Government also raised the goal for domestic electrolysis capacity from 5 GW to 10 GW, demonstrating the long-term commitment to green hydrogen in Germany.

The updated strategy proves that green molecules will represent a huge component of the decarbonisation in Germany. Hydrogen derivatives, such as TES' e-NG (also called synthetic methane or e-methane), which is the ideal drop-in fuel to replace natural gas, produced by mixing green hydrogen with CO₂, are perfect examples of how Germany plans to shift away from fossil fuels through green molecules. e-NG has been included in the strategy and will support the decarbonisation of the German industry while providing accessible and bankable green molecules. The inclusion of e-NG in the strategy demonstrates that Germany is heavily pushing hydrogen derivatives and green molecules to decarbonise 'hard to abate' and hard to electrify sectors. As the strategy sets out, the greater part of the demand will have to be covered by imports of hydrogen and its derivatives. And this is in line with what TES is working on in Germany.

TES' e-NG, which is now recognised in the updated strategy, plays the role of the key enabler and accelerator of the fast-growing hydrogen economy. TES, with its green energy hub at the port of Wilhelmshaven, Germany, is set to contribute to the German decarbonisation and hydrogen import plan. As the strategy sets out, the import of hydrogen and its derivatives are planned to be largely ship-based at least until 2030. The key benefit of e-NG is that it is familiar, simple, and safe. Indeed, e-NG is molecularly identical to natural gas used in the EU's gas network today. This means that e-NG can flow immediately in Germany's existing 511,000 km long gas grid without the need to build new pipelines which would take many years to complete. As a result, energy-intensive industries and high emitters of CO₂ will be able to simply replace their fossil fuel natural gas use with e-NG without changing any processes thus contributing to German decarbonisation and economic development. By using CO₂ as a reusable carrier, e-NG enables countries to secure their transition to green molecules and green hydrogen.

Finally, TES look forward to contributing to the separate strategy on hydrogen imports by the German Government which will be published by the end of 2023.

About TES

TES is a global green energy company leading the way in the production of e-NG (electric natural gas derived from green hydrogen). Headquartered in Europe, TES is committed to making reliable and

affordable green energy accessible to all by implementing giga-scale projects that harness the power of sunlight.

By expanding its operations across the United States, Middle East, Asia, and Australia, the company utilizes solar and wind energy from cost-effective regions abundant in sunlight or wind. TES follows a sustainable approach by using green hydrogen, generated from solar and wind power, and combining it with CO₂ to produce e-NG. This transformation results in a renewable molecule that can be easily transported and stored using existing infrastructure.

Through the supply of e-NG to various industries, TES aims to win the climate race ensuring the mass adoption of solar and wind energy across the globe.

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