



Technip Energies Announces BlueH₂ by T.EN™ – a Leading Suite of Cost-efficient, Low-carbon Hydrogen Solutions

May 6, 2021

PARIS--(BUSINESS WIRE)--May 6, 2021-- Technip Energies (PARIS:TE) announces the launch of BlueH₂ by T.EN™, our full suite of deeply-decarbonized and affordable solutions for hydrogen production. Hydrogen is integral to the Energy Transition, and, building on its 50-year track record, Technip Energies is expanding its role into low/no-carbon energy solutions.

Technip Energies' BlueH₂ by T.EN™ solutions offer many advantages, including:

- Up to a 99% reduction in the carbon footprint compared to the traditional hydrogen process – from ~10 down to 0.1 kilogram CO₂ per kilogram H₂, while maintaining flexibility to be tailored to each individual application.
- Maximum hydrogen yield, minimum energy demand (fuel + power), and highly-efficient carbon avoidance and carbon capture utilization and storage (CCUS) techniques, to arrive at the lowest cost of (blue) hydrogen “LCOH”.
- Comprised of “flight proven”, company-developed and owned technologies and equipment, available to customers today.
- Optional integration of highly efficient, low-carbon cogeneration of power.

In addition to targeting traditional low-carbon hydrogen production applications, such as Refining and Ammonia manufacture, BlueH₂ by T.EN™ has been developed to further support the decarbonization of numerous industries, such as steel, cement, power, olefins and LNG as well as facilitating clean energy carriers.

Arnaud Pieton, Chief Executive Officer of Technip Energies, stated: *“As a hydrogen market leader for nearly 60 years, we are proud to offer this innovative suite of technologies for blue hydrogen. BlueH₂ by T.EN™ is one more example of our pioneering spirit and our commitment to technology towards a carbon-neutral economy and a low-carbon society.”*

Technip Energies is a hydrogen market leader and innovator, with over 275 references since our first deployment in 1964, including more than 50 with carbon capture facilities.

To know more about blue hydrogen: Technip Energies is a market leader for hydrogen generation technology through steam reforming of fossil fuels. With this deep experience, we are expanding our blue hydrogen portfolio as a viable decarbonized energy carrier. With clients and partners, we offer a commercially viable, reliable and safe energy system combining carbon capture with hydrogen generation.

Learn more on: <https://www.technipenergies.com/markets/hydrogen>

About Technip Energies

Technip Energies is a leading Engineering & Technology company for the energy transition, with leadership positions in Liquefied Natural Gas (LNG), hydrogen and ethylene as well as growing market positions in blue and green hydrogen, sustainable chemistry and CO₂ management. The company benefits from its robust project delivery model supported by extensive technology, products and services offering.

Operating in 34 countries, our 15,000 people are fully committed to bringing our client's innovative projects to life, breaking boundaries to accelerate the energy transition for a better tomorrow.

Technip Energies is listed on Euronext Paris with American depositary receipts (“ADRs”) trading over-the-counter in the United States.

For further information: www.technipenergies.com.

Disclaimers

This release is intended for informational purposes only for the shareholders of Technip Energies. This press release is not intended for distribution in jurisdictions that require prior regulatory review and authorization to distribute a press release of this nature.

Important Information for Investors and Securityholders

Forward-Looking Statement

This release contains “forward-looking statements” as defined in Section 27A of the United States Securities Act of 1933, as amended, and Section 21E of the United States Securities Exchange Act of 1934, as amended. Forward-looking statements

usually relate to future events and anticipated revenues, earnings, cash flows or other aspects of Technip Energies' operations or operating results. Forward-looking statements are often identified by the words "believe," "expect," "anticipate," "plan," "intend," "foresee," "should," "would," "could," "may," "estimate," "outlook," and similar expressions, including the negative thereof. The absence of these words, however, does not mean that the statements are not forward-looking. These forward-looking statements are based on Technip Energies' current expectations, beliefs and assumptions concerning future developments and business conditions and their potential effect on Technip Energies. While Technip Energies believes that these forward-looking statements are reasonable as and when made, there can be no assurance that future developments affecting Technip Energies will be those that Technip Energies anticipates.

All of Technip Energies' forward-looking statements involve risks and uncertainties (some of which are significant or beyond Technip Energies' control) and assumptions that could cause actual results to differ materially from Technip Energies' historical experience and Technip Energies' present expectations or projections. Should one or more of these risks or uncertainties materialize, or should underlying assumptions prove incorrect, actual results may vary materially from those set forth in the forward-looking statements. For information regarding known material factors that could cause actual results to differ from projected results, please see Technip Energies' risk factors set forth in Technip Energies' filings with the U.S. Securities and Exchange Commission, which include amendment no. 4 to Technip Energies' registration statement on Form F-1 filed on February 11, 2021.

Forward-looking statements involve inherent risks and uncertainties and speak only as of the date they are made. Technip Energies undertakes no duty to and will not necessarily update any of the forward-looking statements in light of new information or future events, except to the extent required by applicable law.



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