



Technip Energies and Anellotech to Jointly Develop Sustainable Plastics Recycling

April 23, 2024

Combination of advanced recycling and purification technologies enable more efficient processing and reuse of hard-to-recycle plastic.

Technip Energies (PARIS:TE) and Anellotech, Inc. (Anellotech) today announced they have signed a global joint development agreement to work cooperatively to further develop and then license Anellotech's Plas-TCat™ process, a one-step thermal-catalytic recycling technology that converts mixed plastic wastes back into its constituent basic chemicals, with a specific focus to benzene, toluene, and xylene (BTX) that can be used to make most virgin plastics.

The companies will bring their combined process technology expertise and know-how to complete comprehensive performance trials at Anellotech's 100 tonnes/year nameplate feed rate demonstration plant in Silsbee, Texas. It will incorporate Technip Energies' downstream processing units, leading to a process design for use by Technip Energies in its role as the global Plas-TCat™ licensor.

The Plas-TCat™ process can feed all major plastics with predictable end-product yields. This process can reduce CO₂ emission up to 50% compared to the production of virgin monomers in naphtha crackers.

Bhaskar Patel, SVP Sustainable Fuels, Chemicals and Circularity at Technip Energies said: *"Technip Energies is delighted to work with Anellotech to advance the Plas-TCat™ process. Anellotech's technology brings a new pathway towards solving the plastic waste problem, converting the mixed plastic wastes into useful end products. For us, this is another opportunity to contribute to the circular economy, including now in Japan."*

David Sudolsky, Founder, President and CEO of Anellotech, stated *"Anellotech looks forward to engaging with Technip Energies, a global leader in petrochemical, fluid catalytic cracking, refining and steam cracker technologies. This collaboration will provide the scalable, cost-efficient, attractive LCA solution needed to address plastic sustainability. Together with our strategic funding partner R Plus Japan Ltd., we will work towards accelerating the global licensing and commercialization of the Plas-TCat™ process."*

About Technip Energies

Technip Energies is a leading Engineering & Technology company for the energy transition, with leadership positions in 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 an extensive technology, products and services offering.

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

Technip Energies shares are listed on Euronext Paris. In addition, Technip Energies has a Level 1 sponsored American Depositary Receipts ("ADR") program, with its ADRs trading over the counter.

For further information: www.ten.com

About Anellotech, Inc.

Anellotech (<http://www.anellotech.com>) supports the sustainable economy by developing and commercializing technologies for the innovative production of cost-competitive renewable chemicals and fuels from non-food biomass or plastics waste. Its fully developed Bio-TCat® technology is an efficient thermal catalytic process for converting non-food biomass into benzene, toluene and xylene, as well as distillate for biofuels. Anellotech is now focused on Plas-TCat®, another fluid-bed catalytic process technology that converts mixed plastic wastes in one step into BTX, aromatics, olefins and paraffins, the basic chemicals used to make plastic for packaging and other products.

Contacts

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Important Information for Investors and Securityholders

Forward-Looking Statements

This press release contains forward-looking statements that reflect Technip Energies' (the "Company") intentions, beliefs or current expectations and projections about the Company's future results of operations, anticipated revenues, earnings, cashflows, financial condition, liquidity, performance, prospects, anticipated growth, strategies and opportunities and the markets in which the Company operates. 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 the Company's current expectations, beliefs and assumptions concerning future developments and business conditions and their potential effect on the Company. While the Company believes that these forward-looking statements are reasonable as and when made, there can be no assurance that future developments affecting the Company will be those that the Company anticipates.

All of the Company's forward-looking statements involve risks and uncertainties, some of which are significant or beyond the Company's control, and assumptions that could cause actual results to differ materially from the Company's historical experience and the Company's 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 the Company's risk factors set forth in the Company's 2023 Annual Financial Report filed on March 8, 2024, with the Dutch Autoriteit Financiële Markten (AFM) and the French Autorité des Marchés Financiers (AMF) which include a discussion of factors that could affect the Company's future performance and the markets in which the Company operates.

Forward-looking statements involve inherent risks and uncertainties and speak only as of the date they are made. The Company 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.

Attachments

- [Anellotech](#)
- [PR_T.EN Anellotech_EN](#)