



Itero Technologies awarded €240k Topsector Energie Industrie grant for circular plastics demonstration plant

For immediate release

LONDON, ROTTERDAM: 12 October 2022 - Itero Technologies (Itero) have been awarded a €240k (~£210k) grant from the Rijksdienst voor Ondernemend Nederland (RVO), the Netherlands Enterprise Agency. The funds will be applied towards the demonstration plant of Itero's recycling process that can manage plastic waste streams otherwise destined for landfill or incineration, due to the diversity of plastics and high levels of contamination.

[The Topsector Energie \(TSE\) Industrie Study](#) grant, facilitated by the RVO, will support the development of the demonstration plant at the Brightlands Chemelot Campus, in Sittard-Geleen, Netherlands. The plant will use a modular pyrolysis process to convert contaminated mixed plastic waste into virgin-grade chemical building blocks. These products can be used to create new high quality plastics, therefore closing the loop on hard-to-recycle plastic waste streams. This project will further deepen Itero's knowledge of the waste landscape in the Benelux region, and help identify opportunities to optimise the equipment and process related to waste handling. Through research and development, Itero aims to limit energy consumption, waste output and contaminants, therefore minimising the environmental impact of the demonstration plant.

Head of Product and Partnerships, Abi Mountain, says: *"This grant is further recognition of the potential for our technology to deliver an environmental upside for hard-to-recycle plastic waste. Supportive environments like the Netherlands enable the research and development that new technologies, such as ours, need to make them as sustainable and circular as possible. We look forward to continually improving our process with the support of the RVO Nederland."*

About Topsector Energie (TSE)

The [Topsector Energie \(TSE\) Industrie Study](#) grant awarded to Itero was designed to support investigation into the feasibility of innovative pilot or demonstration projects that can cost-effectively reduce CO₂ emissions by 2030.

Energy Innovation NL is the driving force behind the innovations needed to make the transition to an affordable, reliable, safe and sustainable energy system. Energy Innovation NL supports business, knowledge institutes, government and social institutions to collaborate towards the energy system of the future.



About Itero

Itero Technologies recently [raised €6m in funding](#), led by €5m from [Infinity Recycling's](#) Circular Plastics Fund (CPF). Itero is in the process of developing their 27k tonnes per annum plastic-to-product demonstration plant at the Brightlands Chemelot Campus in Sittard-Geleen, Netherlands. Itero's pilot plant in the UK continues to test a variety of mixed feedstocks and Itero has successfully confirmed the product quality and safety of their patented pyrolysis process.

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For Further Information

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Since 2010, Itero has developed its expertise in thermal conversion (pyrolysis) technology and its application for turning waste into a resource. Complementing traditional recycling methods, Itero diverts plastics from landfill and incineration, while increasing recycling rates and reducing dependency on crude oil. The process effectively closes the loop in the virgin plastics supply chain. Itero's proprietary technology is a large-scale, modular, patented technology that converts hard-to-recycle waste plastic back into a chemical feedstock for brand new circular plastics products. While developing its first at-scale demonstration plant in Sittard-Geleen, Itero is carrying out feedstock and product testing at its R&D facility in the UK, located near Heathrow.

<https://www.itero-tech.com/>