

## PRESS RELEASE

LONDON, JANUARY 18TH 2021

### **Itero to build plastic waste recycling plant at Brightlands Chemelot Campus**

**Recycling technology company Itero today announces plans to build an innovative plant for recycling plastic waste at the Brightlands Chemelot Campus in Sittard-Geleen, the Netherlands. The plant will use Itero's patented pyrolysis technology to convert waste plastics into oils, wax and gas that can be used to produce new plastic and petrochemical products.**

Founded in 2010 and based in London, Itero has created a leading technology that converts hard-to-recycle plastic waste into a raw material that can be used to produce new plastic products. Itero, is on a mission to help solve the global waste plastic problem. The highly efficient process reduces emissions associated with both the disposal of plastics by landfill and incineration, and the production of new plastics from fossil-derived petrochemicals. Itero believes that its proven technology can provide a solution to the problem of recycling plastic waste in an environmentally efficient way, while sitting alongside traditional recycling methods.

#### **Demonstration plant**

The creation of a first Itero demonstration plant will deliver a commercial-scale facility with a capacity to process 27 kilotons of mixed and contaminated waste plastics per year. The plant will be located at the Brightlands Chemelot Campus, Europe's first Circular Hub. The plant will require an investment of 25 million Euros and is due to be operational from 2023. Although the plant will initially have a maximum capacity of 27 kilotons per year, Itero plans to build a larger scale commercial facility in the local region with other opportunities for expansion being explored. Itero believes the technology provides a credible, safe, low emission route for recycling plastic. The initial demonstration plant represents a single module recycling facility, which can be scaled up at future plant locations by adding modules side-by-side.

#### **Ideal Location**

Itero signed a lease statement with Brightlands at the end of 2020 to set up a base of operations at the campus, with construction of the demonstration plant expected to commence in the second quarter of 2022. In the meantime, Itero is working on further optimising its production process using its UK R&D facility.

“With the advice of industry experts at Infinity Recycling, we looked at several potential locations on the continent, in the UK and in the Netherlands,” said Itero CEO, Simon Hansford, explaining the choice for Brightlands Chemelot Campus, “but the facilities at Geleen and the support are perfect. We are fully onboard with the Chemelot Circular Hub philosophy. Limburg has great international ambitions in this area and we are excited to contribute to them.”

### **Circular Hub**

Bert Kip, CEO of Brightlands Chemelot Campus, is excited about Itero’s arrival. “As a campus, we are committed to a circular future and are one of the partners in the regional alliance dedicated to achieving this, the Chemelot Circular Hub. Itero is a perfect fit in this environment and will help strengthen our ecosystem of parties with groundbreaking technologies to make new raw materials from plastic and other waste. It shows that we are increasingly becoming the place to be, including for international parties.”

Itero CEO Simon Hansford commented further: “The Campus is the ideal location for Itero, with its ecosystem of parties with groundbreaking technologies to make new raw materials from waste including waste plastic. We are excited about the potential for our new technology to provide a solution to the global problem of plastic waste. The first plant will demonstrate our ability to efficiently make valuable raw materials from waste plastic with minimal residual waste needing to go to landfill. But importantly, we can deliver this in a profitable and sustainable way.”

### **Ambitions**

Ruud Bulet is a member of the Provincial Executive for Circular Economy and Environment on behalf of the Province of Limburg: “Chemelot Circular Hub is doing very well! The pace at which new initiatives are presented is in line with our ambitious future plan to make circularity the engine of our Limburg economy. The arrival of Itero strongly reinforces our mantra “non-recyclable waste does not exist”, especially for the normally more difficult to process mixed and contaminated waste flows.”

— Ends —

### **For further information:**

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## Notes to editors:

### About Itero

Since 2010, Itero has been developing its expertise in thermal conversion (pyrolysis) technology and its application in turning trash to treasure. Complimentary to traditional recycling methods, Itero diverts plastics from landfill and incineration, while pushing up recycling rates and reducing dependency on crude oil; closing the loop in the virgin plastics supply chain. Itero proprietary technology, the IT300, is a large-scale, modular, patented technology that converts hard-to-recycle waste plastic back to into a chemical feedstock for brand new circular plastic products. While developing its first commercial-scale facility in Sittart-Geleen, Itero are carrying out feedstock and product testing at their pilot-scale R&D facility in the UK.

[www.itero-tech.com](http://www.itero-tech.com)

### About Brightlands Chemelot Campus

Brightlands Chemelot Campus boosts innovation and business growth by giving tenants access to talent, knowledge, infrastructure and entrepreneurship. This enables this vibrant community to create performance materials, sustainable processes and biomedical solutions for a more sustainable world. The campus and adjacent Chemelot Industrial Park form one giant laboratory where the brightest, highly qualified experts from universities and the business community work together.

The campus is partner of the Chemelot Circular Hub a testing ground of international importance for the transition to a circular economy.

Brightlands Chemelot Campus is part of Brightlands, an open innovation community made up of four campuses that are working on the major challenges in the fields of materials, circular chemistry, health, agri-food, data science and smart digital services.

[www.brightlands.com/brightlands-chemelot-campus](http://www.brightlands.com/brightlands-chemelot-campus)