

## **Borealis and Renasci reach an exclusive agreement enabling Borealis to offer commercial volumes of chemically recycled base chemicals and polyolefins since May 2021**

- **Borealis secures exclusive supply of chemically recycled output material of Renasci Oostende Recycling NV, Belgium, a high-tech recycling centre**
- **Chemically recycled feedstock supplied by Renasci to be used to manufacture Borcycle™ C circular polyolefins and circular base chemicals at multiple Borealis locations**
- **EverMinds in action: transformational Borcycle™ C portfolio uses chemical recycling to give polyolefin-based, post-consumer waste a new life**

Borealis has signed an agreement with Renasci Oostende Recycling NV to acquire the entire chemically recycled feedstock output from its high-tech recycling centre in Oostende, Belgium. With the projected 20kT output/year delivered to Borealis, this agreement will enable Borealis to become one of the leading global suppliers of chemically recycled base chemicals and polyolefins. The portfolio of **Borcycle™ C** products enable the transformation of plastic waste into circular high-performance products and applications.

### **Agreement helps fulfil market demand for chemically recycled polyolefins**

As a complement to mechanical recycling, chemical recycling has an important role to play in closing the material loop on plastics circularity. This is because plastic waste streams of lower quality can be recycled chemically into high-quality material. In fact, products manufactured with chemically recycled feedstock, offer the same performance levels as products produced with fossil-based feedstock. This allows for the production of high-end polyolefin-based applications, including healthcare and food

packaging materials subject to stringent quality and safety regulations that cannot always be met using mechanically recycled materials.

The waste feedstock processed at Renasci's ISCC PLUS-certified recycling centre is derived from mainly dried household waste and some industrial waste. In a first step, the waste is sorted multiple times to extract the best value plastic material for mechanical recycling. The waste feedstock which cannot be mechanically recycled is then chemically recycled; this chemically-recycled feedstock will be subsequently processed in the Borealis steam crackers, initially at its production location in Porvoo, Finland. The Borealis Porvoo location's **recent ISCC PLUS certification** – the global standard for certified recycled and bio-based materials – enables mass balance production of renewable and chemically recycled products.

“Our agreement with Renasci is a welcome complement to the OMV ReOil® chemical recycling project,” explains Martijn van Koten, Borealis Executive Vice President Base Chemicals and Operations. “Life demands progress. We notice a strong increase in demand for chemically recycled products. Borealis and OMV aim to increase supply of these more circular base chemicals and polyolefins in order to help our customers deliver on their own sustainability targets.”

“In the true spirit of **EverMinds** we accelerate action to plastics circularity through collaboration,” says Lucrèce Foufopoulos, Borealis Executive Vice President Polyolefins, Innovation & Technology and Circular Economy Solutions. “The cooperation with Renasci allows us to offer our customers and partners virgin-like polyolefins from chemically recycled post-consumer waste in material quantities effective this quarter. This is how we re-invent for more sustainable living, and expand our portfolio with a Borcycle C offering.”

“This agreement with Borealis will enable us to completely and truly close the circular loop on plastics,” comments Kristof Beuren, Renasci COO. “The challenge was to find an enclosing solution for this type of waste, and together we achieved it.”

**END**

High-res photos are available for download [here](#).

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**About Borealis:**

Borealis is one of the world's leading providers of advanced and circular polyolefin solutions and a European market leader in base chemicals, fertilizers and the mechanical recycling of plastics. We leverage our polymers expertise and decades of experience to offer value adding, innovative and circular material solutions for key industries. In re-inventing for more sustainable living, we build on our commitment to safety, our people and excellence as we accelerate the transformation to a circular economy and expand our geographical footprint.

With head offices in Vienna, Austria, Borealis employs 6,900 employees and operates in over 120 countries. In 2020, Borealis generated EUR 6.8 billion in sales revenue and a net profit of EUR 589 million. OMV, the Austria-based international oil and gas company, owns 75% of Borealis, while the remaining 25% is owned by a holding company of the Abu-Dhabi based Mubadala. We supply services and products to customers around the globe through Borealis and two important joint ventures: Borouge (with the Abu Dhabi National Oil Company, or ADNOC, based in UAE); and Baystar™ (with Total, based in the US).

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**About Borealis EverMinds**

Launched in 2018, EverMinds™ is an umbrella brand uniting the wide range of Borealis activities and initiatives aimed at making plastics more circular. As a dedicated platform, EverMinds promotes a circular mind-set among all Borealis stakeholders. The platform encompasses proprietary Borealis technologies as well as established brands such as Purpolen™ and Dipolen™. It facilitates deeper collaboration between Borealis and its partners in order to develop innovative and sustainable polyolefins solutions based on the circular model of recycling, re-use and design for circularity. EverMinds also extends to pioneering corporate programmes such as Project STOP, and engagement in industry initiatives like the Polyolefins Circular Economy Platform (PCEP), and Project CEFLEX.

**About Renasci:**

Renasci introduces an innovative process that combines multiple compatible waste treatment technologies, allowing for maximum material and energy recovery. Renasci is a Flemish company active in the circular economy. The project offers a totally new approach to waste processing by converting the raw materials contained in household waste into usable end products, instead of sending them to landfill. In this way, Renasci contributes to a sustainable solution for the global waste problem.

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**For further information:**

[www.borealisgroup.com](http://www.borealisgroup.com)  
[www.borealiseverminds.com](http://www.borealiseverminds.com)  
[www.renasci.be](http://www.renasci.be)

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