

Avantium and Amcor Rigid Packaging Partner to Advance More Sustainable Packaging with Plant-Based Polymer Releaf®

AMSTERDAM, 11 February 2025, 18:00 hrs CET – Avantium N.V., a leading company in renewable and circular polymer materials, has signed a joint development agreement with Amcor Rigid Packaging USA, LLC a leader in responsible packaging solutions. This partnership aims to explore the use of Avantium's plant-based polymer PEF - branded as releaf® - in rigid containers for various products, including food, beverage, pharmaceutical, medical, home, and personal care.

Additionally, Amcor has committed to a multi-year capacity reservation for PEF from a future industrial-scale facility, based on a technology license from Avantium. This agreement guarantees Amcor preferred access to PEF volumes produced by Avantium's future licensee network.

Avantium has developed a proprietary process technology to produce FDCA (furanedicarboxylic acid), the key building block for PEF (polyethylene furanoate), and is currently in the process of starting up the world's first commercial FDCA plant in Delfzijl, the Netherlands. This FDCA Flagship Plant will be pivotal for Avantium's licensing strategy, allowing the Company to sell FDCA and PEF directly to customers while also offering technology licenses to industrial partners. Ensuring sufficient commercial demand is crucial for future licensing partners. The capacity reservation agreement with Amcor demonstrates Avantium's ability to meet this demand effectively.

Releaf® is a 100% plant-based, high-performance polymer that can be recycled in existing PET (polyethylene terephthalate) recycling streams. It is included in the Critical Guidance Protocol from the Association of Plastic Recyclers (APR), one of the most universally accepted measures for assessing recyclability in plastic packaging design. Releaf® furthermore stands out due to its superior barrier properties, which extend the shelf life of food and beverages, its higher mechanical strength that reduces material usage, and its lower processing temperature that cuts energy consumption compared to traditional fossil-based plastics. Additionally, with its lower carbon footprint, releaf® will support Amcor's net-zero ambitions by 2050.

"This partnership between Amcor and Avantium represents a significant step forward in advancing responsible packaging solutions. It combines Amcor's expertise in innovative packaging with Avantium's renewable and circular polymer releaf®. This partnership enhances our efforts to offer customers innovative, packaging that is better for products, people and the planet " said Terry Patcheak, Amcor's vice president of research & development and program management excellence.

Bineke Posthumus, Commercial Director of Avantium Renewable Polymers added: "This collaboration with Amcor underscores the increasing demand for releaf® in sustainable packaging solutions and supports our strategy for licensing our FDCA technology. We are excited to work with Amcor to bring releaf® to the market, providing consumers with high-performance, eco-friendly packaging solutions."



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Press release

About Amcor plc (parent company of Amcor Rigid Packaging)

Amcor plc is a global leader in developing and producing responsible packaging solutions across a variety of materials for food, beverage, pharmaceutical, medical, home and personal-care, and other products. Amcor plc works with leading companies around the world to protect products, differentiate brands, and improve supply chains. The company offers a range of innovative, differentiating flexible and rigid packaging, specialty cartons, closures and services. The company is focused on making packaging that is increasingly recyclable, reusable, lighter weight and made using an increasing amount of recycled content. In fiscal year 2024, 41,000 Amcor plc people generated \$13.6 billion in annual sales from operations that span 212 locations in 40 countries.

www.amcor.com

About Avantium

Avantium is a pioneering commercial-stage company focused on renewable & circular polymer materials. Avantium develops and commercialises innovative technologies for the production of materials based on sustainable carbon feedstocks, i.e. carbon from biomass or carbon from the air (CO₂). The most advanced technology is the YXY[®] Technology that catalytically converts plant-based sugars into FDCA (furanicarboxylic acid), the key building block for the sustainable plastic PEF (polyethylene furanoate). PEF is known under the brand name Releaf[®], an EU registered trademark of Avantium. Avantium has successfully demonstrated the YXY[®] Technology at its pilot plant in Geleen, the Netherlands, and is in the process of starting the world's first commercial plant for FDCA in Delfzijl, the Netherlands. Avantium works in partnership with like-minded companies around the globe to create revolutionary renewable chemistry solutions from invention to commercial scale.

Avantium's shares are listed on Euronext Amsterdam and Euronext Brussels (symbol: AVTX). Avantium is incorporated in the Euronext Amsterdam SmallCap Index (AScX). Its offices and headquarters are in Amsterdam, the Netherlands.

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