



Press release

Avantium and SCGC to Accelerate the Market Adoption for FDCA and PEF in Asia

AMSTERDAM, 29 October 2024, 18:00 hrs CET – Avantium N.V., a leading company in renewable and circular polymer materials, and SCG Chemicals Public Company Limited (SCGC), a leading innovative polymer producer, are expanding their collaboration on Avantium's FDCA and PEF technology. Together, they aim to accelerate the market adoption for FDCA and PEF in Asia.

Avantium and SCGC are long-term strategic partners. SCGC, through SENFI Ventures, is a cornerstone investor in Avantium and furthermore collaborates with Avantium in CO₂-based polymers technology. Building on their strategic intent letter from January 2024, the companies have decided to take the next step in their collaboration and accelerate the market adoption for FDCA and PEF in Asia. This is backed by Avantium's achievement in securing global industrial-scale capacity reservations and Flagship Plant offtake agreements in key markets such as rigid packaging and apparel. A joint team will work with local and global brands to validate the market potential, further develop FDCA and PEF applications, and enhance volume commitments across the region to underpin future large-scale production in Asia.

Dr. Suracha Udomsak, Chief Operations and Innovation Officer at SCGC, stated: "One of our aspirations is to become a leader in sustainability and green innovation. Avantium's expertise in green business technology, along with SCGC's presence in Asia, creates a solid basis for our collaboration. This initiative aligns with our strategy to grow our eco-friendly business and addresses the rapidly increasing demand for sustainable plastics in the Asian market."

Tom van Aken, Chief Executive Officer of Avantium, added: "We are delighted to deepen our partnership with SCGC, a key partner that shares our commitment to sustainability and innovation. SCGC's commitment to work with Avantium to accelerate the market adoption of FDCA and PEF in Asia through joint market studies marks an important development in our global commercialization strategy."

About SCGC

SCG Chemicals, or SCGC, is a leading integrated chemical player in ASEAN committed to business growth alongside sustainability with strategic bases in Thailand, Indonesia, and Vietnam, offering a full range of petrochemical products ranging from upstream production (olefins) of olefins to downstream production, including the three main types of plastic resins: polyethylene, polypropylene, and polyvinyl chloride.

SCGC continues to drive economic growth in ASEAN and improve people's quality of life, striving to become the "leading integrated chemicals business for sustainability" in alignment with SDGs and ESG principles. SCGC emphasizes the efficient use of resources based on the principles of a circular economy and focuses on the development of Green Innovation & Solutions, such as green polymer



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innovations, branded as SCGC GREEN POLYMER™, as well as low-carbon technologies to achieve carbon neutrality.

In addition, SCGC develops High Value Added Products and Services (HVA) to meet global megatrends. Examples include co-investing in the production of conductive components for lithium-ion batteries used in electric vehicles (EVs), the transition to clean energy, and the infrastructure transformation driven by urbanization.

For more information, please visit www.scgchemicals.com.

About Avantium

Avantium is a pioneering commercial-stage company focused on renewable & circular polymer materials. 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). 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 also provides R&D solutions in the field of sustainable chemistry and is the leading provider of advanced catalyst testing technology and services to accelerate catalyst R&D. 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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