

## Avantium and Kvadrat sign offtake agreement for the development of PEF for interior textiles

**AMSTERDAM, 22 March 2023, 06:30 hrs CEST – Avantium N.V., a leading technology provider in renewable chemistry, announces that it has signed an offtake agreement with Kvadrat A/S, a leader in design innovation, producing quality contemporary textiles and textile related products for architects, designers, and private consumers across the world. Kvadrat will purchase the 100% plant-based and fully recyclable polymer PEF (polyethylene furanoate) from Avantium’s FDCA (furandicarboxylic acid) Flagship Plant, currently under construction in Delfzijl (the Netherlands) and with commercial production set to start in 2024. The offtake agreement gives Kvadrat the advantage of being first mover in creating PEF-based textiles for both commercial and residential interiors.**

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Last June 2022, Kvadrat, committed to taking a leading role towards a fossil-free future in the textile industry, joined the PEF Textile Community to explore the possibilities of the use of PEF yarns in high-quality textiles. Since then, Kvadrat has done several successful trials with PEF yarns. Following, Kvadrat and Avantium have signed an offtake agreement to further develop sustainable and high-performance PEF-based textiles.

Anders Byriel, CEO at Kvadrat comments: “As part of our sustainability strategy ‘Regenerate Together through Transparency’, Kvadrat is focused on the use of renewable materials as basis for all of our products. Our ambition is to lead the sustainability agenda in the textile industry and the offtake agreement with Avantium to further develop PEF for interior textiles, exemplifies this ambition.”

“We are delighted that Kvadrat has evaluated PEF as a sustainable solution for its high-quality and innovative indoor textile design fabrics. This collaboration highlights the further potential of PEF across different application areas, including textiles, enabling the commercial launch of PEF and introducing it to everyday life”, says Tom van Aken, CEO at Avantium.

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### About Kvadrat A/S

Kvadrat was established in Denmark in 1968 and has deep roots in Scandinavia’s world-famous design tradition. A leader in design innovation, Kvadrat produces high-performance, design textiles, rugs, window covering and acoustic solutions for both commercial and residential interiors. Our products reflect our commitment to colour, quality, simplicity and innovation. We consistently push the aesthetic, technological and functional properties of textiles. At Kvadrat, we push the boundaries of high-quality textiles through design and innovation. In doing so, we collaborate with a roster of world-leading creative talents to develop textile products that enrich people’s lives. For all our brands, we strive to develop products of high quality that enrich people’s lives. We are pioneers, always in motion and open-minded towards design and cooperation. Our approach to product development is defined by collaboration, curiosity, knowledge sharing, responsibility and consideration for the environment.

[www.kvadrat.dk](http://www.kvadrat.dk)

### About Avantium

Avantium is a leading technology development company and a frontrunner in renewable chemistry. Avantium develops novel technologies based on renewable carbon sources as an alternative to fossil-based chemicals and plastics. The company currently has three technologies at pilot and demonstration phase. The most advanced technology is the YXY<sup>®</sup> plant-to-plastics-technology that catalytically converts plant-based sugars into FDCA (furanedicarboxylic acid), the key building block for the sustainable plastic PEF (polyethylene furanoate). Avantium has successfully demonstrated the YXY<sup>®</sup> Technology at its pilot plant in Geleen, the Netherlands, and has started construction of the world's first commercial plant for FDCA in 2022, with planned large-scale production of PEF in 2024. The second technology is Ray Technology<sup>™</sup> and catalytically converts industrial sugars to plant-based MEG (mono-ethylene glycol) and plant-based MPG (mono-propylene glycol): plantMEG<sup>™</sup> and plantMPG<sup>™</sup>. Avantium is scaling up its Ray Technology<sup>™</sup> and the demonstration plant in Delfzijl, the Netherlands opened in November 2019. The third technology is called the Dawn Technology<sup>™</sup> that converts non-food biomass into industrial sugars and lignin in order to help transition the chemicals and materials industries to non-fossil resources. In 2018, Avantium opened the Dawn Technology<sup>™</sup> pilot biorefinery 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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