

## **Avantium partners with leading textile innovators to create PEF fabrics for Auping mattresses**

**AMSTERDAM, 17 July 2024, 18:00 hrs CEST – Avantium N.V., a leading company in renewable and circular polymer materials, announces a strategic collaboration with leading textile innovators Auping, Monosuisse and Antex. This partnership aims to develop PEF-based yarns, to be used in mattresses for Auping. This collaboration demonstrates the broad potential of fibers and yarns made from Avantium's PEF across different application areas, supporting the introduction of PEF to the everyday life of consumers.**

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This strategic collaboration brings together the unique strength of each partner. Avantium will spearhead the development, production, supply and recycling of PEF. The textile innovators Monosuisse and Antex will focus on creating PEF-based yarns. Monosuisse will specialize in monofilament PEF yarns, while Antex will supply multifilament PEF yarns. Their expertise ensures high-quality, versatile materials for various textile applications. Auping, renowned for its commitment to quality sleeping solutions, will test the design and manufacturing of mattresses utilizing the PEF-based fabric. These mattresses will combine sustainability with superior comfort.

Royal Auping, a certified B Corporation<sup>1</sup>, is the largest developer and producer of personal sleep solutions in the Netherlands. Auping follows a circular business model, minimizing waste, pollution, and material incineration. Its goal is to achieve a fully circular product range by 2030. Geert Doorslag, Researcher at Auping, comments: "As part of our sustainability roadmap, Auping continuously works to reduce our environmental impact. That is why we are constantly looking for innovative, sustainable solutions for our sleep products. The environmental features of PEF-based fabrics are unique and very promising to meet our sustainability and circularity goals. We look forward to work together with Avantium, Antex and Monosuisse to further develop circular Auping mattresses made from PEF-based yarns."

Bineke Posthumus, Director Business Development of Avantium, says: "We are proud to collaborate with Auping, Antex, Monosuisse to help build a more sustainable world. This collaboration reflects our shared commitment to reducing the environmental impact of textile production. By leveraging Avantium's breakthrough technology and the collective expertise of our partners, we are poised to transform the textile landscape."

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### **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 (CO<sub>2</sub>). 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

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<sup>1</sup> Certified B Corporations, or B Corps, are companies verified by B Lab that meet high standards of social and environmental performance, transparency, and accountability.

plant in Geleen, the Netherlands, and is currently constructing of the world's first commercial plant for FDCA. The official opening ceremony for the FDCA Flagship Plant is set on 22 October 2024. 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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