

# Press Release

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## **Auraloop: A new sustainable and innovative solution from Faurecia and Indorama Ventures, based on Polyester, 100% recyclable, to replace car seat foam**

**Bangkok, Thailand – 16 December 2022 –**

- Auraloop is a brand-new range of cushioning solutions made from an innovative structure of Polyester-based fibers, 100% recyclable, aimed at the mobility markets
- One of the objectives of Auraloop is a twofold reduction in the carbon footprint of car seat pads, currently made from polyurethane foam
- Auraloop offers an increased level of performance in terms of thermal comfort and durability

R&D teams within the Faurecia seating activity have recently penned an exclusive development agreement with Indorama Ventures, one of the global leaders in PET (polyethylene terephthalate) production and recycling. This partnership between Indorama Ventures and Faurecia, a company of FORVIA Group which is the 7th largest automotive industry supplier, has the aim of developing Auraloop, a new range of cushioning solutions for the mobility markets and intended to replace polyurethane foam currently used in car seats.



*“Auraloop will replace those materials currently used in car seating with innovative and sustainable materials, based on polyester fibers that offer a total recyclability of 100%. This new material will allow for a twofold reduction in the carbon footprint of car seat pad solutions compared to current materials”,* explains **Nicolas Michot, Director of Technology at Faurecia Seating**. Development of this product, which paves the way towards wider commercial release in two or three years, falls within the FORVIA Group strategy of going carbon neutral by 2045. For this, the group is seeking to root its commercial offer fully in the circular economy, with the development and production of sustainable cutting-edge materials under the banner of MATERI’ACT.

**Arnaud Closson, Chief Executive Officer, Indorama Ventures’ Mobility Group / Fibers Segment**, points out, “By setting out these initial milestones in our close-knit collaboration with Faurecia, this partnership is an integral part of Indorama Ventures’ commitment to expand its existing Polyester (PET)-

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based portfolio and related activities into wider areas. By bringing together two leading players in the automotive industry, we aim to open up further growth opportunities for both partners.”

Auraloop also offers a range of new perspectives in terms of seating comfort thanks to a more open fiber structure and permeability for air than current seating pad solutions, the breathability of seating is improved, enabling a better passive thermal regulation of occupants. The durability of seating is also increased by limited subsidence of the seat over its lifetime. The market for comfort aboard vehicles is constantly growing. The development of Auraloop falls within this dynamic, with a product offering significantly improved performances in terms of static, dynamic and welcoming comfort.

This highly promising new solution has today sparked a great deal of interest from clients of Faurecia, illustrating their desire to integrate materials combining comfort and the circular economy into future vehicles. In the mobility sector, Indorama Ventures is already a market leader in yarns and fabrics for tires and airbags. With the new project Auraloop, its offer expands, not only serving the new dynamic market of car seat with a component of improved performance and comfort, but also taking into account the concept of sustainability.

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## **About FORVIA Faurecia**

Faurecia, company of the Group FORVIA, is a global automotive technology leader. With 250 industrial sites, 39 R&D centers and 111,000 employees in 33 countries, Faurecia operates through four areas of business: Seating, Interiors, Clarion Electronics and Clean Mobility. In 2021, the Group reported total turnover of €15.6 billion. Faurecia is listed on the Euronext Paris market and is a component of the CAC Next 20 index and Euronext CAC 40 ESG® indexes. —

[www.faurecia.com](http://www.faurecia.com)

## **About Indorama Ventures**

Indorama Ventures Public Company Limited, listed in Thailand (Bloomberg ticker IVL.TB), is one of the world's leading petrochemicals producers, with a global manufacturing footprint across Europe, Africa, Americas, and Asia Pacific. The company's portfolio comprises Combined PET, Integrated Oxides and Derivatives, and Fibers. Indorama Ventures products serve major FMCG and automotive sectors, i.e., beverages, hygiene, personal care, tire, and safety segments. Indorama Ventures has more than 26,000 employees worldwide and consolidated revenue of US\$14.6 billion in 2021. The Company is listed in the Dow Jones Emerging Markets and World Sustainability Indices (DJSI). —

<https://www.indoramaventures.com/en/home>

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