



For Immediate Release

Press release

Adient reduces CO₂ emissions with cushioning based on sustainable polyols by Covestro

- **Driving with CO₂ technology**
- **Ecological profile of Adient's high-class seating systems to be improved with CO₂ technology by Covestro**
- **Sustainable polyol cardyon® allows to replace crude oil as feedstock**

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Leverkusen/Burscheid (Germany), 22 September 2021 – Adient, a global leader of seating systems for the automotive industry, and Covestro, one of the world's leading polymer companies, join forces on the way to improving the circular economy.

From November 2021, Adient will be integrating cardyon®, a polyol made using Covestro's CO₂ technology, as a sustainable feedstock for the production of hot cure molded polyurethane foam. Adient deploys these foams as cushioning in its cutting-edge automotive seating systems.

This supply chain-related sustainability milestone helps to further reduce Adient's scope 3 emissions as calculated by the Greenhouse Gas protocol. Based on the principle of the circular economy, the CO₂ technology by Covestro reuses carbon dioxide as a valuable material source by integrating up to 20% of CO₂ into polyol production. The smart contribution helps to preserve fossil resources and close the carbon loop.

David Nash, Vice President Components EMEA at Adient: "Adient is pursuing multiple ways to reduce its CO₂ footprint, further raising sustainability, and this is especially true for the production of polyurethane foam. By choosing cardyon® by our partner Covestro, we have made another valuable step towards more sustainable



production of our high-class seating systems. In addition to the high quality of our products, this means further differentiation and added value for our customers.”

“We feel very pleased that, together with Adient, we are taking a further step towards the circular economy. The fact that our CO₂ technology is now also available for premium car seats confirms the great potential of this unique innovation, realizing high-quality sustainable solutions for the automotive industry”, says Dr. Persefoni Hilken, cardyon® Venture Manager at Covestro.

By integrating enhanced polyol solutions into the production of polyurethane foam, Adient supports the reuse of CO₂ from chemical processes as an alternative raw material. Thereby the company follows the path of moving away from fossil resources to recycled ones, avoiding CO₂ being emitted to the atmosphere. The CO₂ technology itself can be also used for further applications, such as sports flooring, mattresses, and textile fibers.

The newly-developed foams fulfil all stringent OEM specifications, having the same properties as those produced from fossil-based polyols. Additionally, the new solution can be easily applied within existing production processes, with only a minor modification of equipment.

**About Adient:**

Adient is a global leader in automotive seating. With approximately 77,000 employees in 32 countries, Adient operates 202 manufacturing/assembly plants worldwide. We produce and deliver automotive seating for all major OEMs. From complete seating systems to individual components, our expertise spans every step of the automotive seat-making process. Our integrated, in-house skills allow us to take our products from research and design to engineering and manufacturing – and into more than 19 million vehicles every year. For more information on Adient, please visit [adient.com](https://www.adient.com).

About Covestro:

With 2020 sales of EUR 10.7 billion, Covestro is among the world's leading polymer companies. Business activities are focused on the manufacture of high-tech polymer materials and the development of innovative, sustainable solutions for products used in many areas of daily life. In doing so, Covestro is fully committed to the circular economy. The main industries served are the automotive and transportation industries, construction, furniture and wood processing, as well as electrical, electronics, and household appliances industries. Other sectors include sports and leisure, cosmetics, health and the chemical industry itself. At the end of 2020, Covestro has 33 production sites worldwide and employs approximately 16,500 people (calculated as full-time equivalents).

Forward-looking statements

This news release may contain forward-looking statements based on current assumptions and forecasts made by Covestro AG. Various known and unknown risks, uncertainties and other factors could lead to material differences between the actual future results, financial situation, development or performance of the company and the estimates given here. These factors include those discussed in Covestro's public reports which are available at www.covestro.com. The company assumes no liability whatsoever to update these forward-looking statements or to conform them to future events or developments.