Drive with CO2

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

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

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 percent 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.”

**Flexible CO2 technology enables sustainable solutions**

“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 Covestro:**

With sales of €10.7 billion in 2020, Covestro is one of 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 everyday life. In doing so, Covestro is fully aligning itself to the Circular Economy. Its main customers are the automotive and transport industries, the construction industry, the furniture and wood processing industries, and the electrical, electronics, and household appliance industries. Other sectors include sports and leisure, cosmetics, healthcare and the chemical industry itself. As of the end of 2020, Covestro produces at 33 sites worldwide and employs around 16,500 people (converted to full-time positions).

**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.

**Forward-looking statements**

This press release may contain forward-looking statements based on current assumptions and forecasts made by Covestro AG management. 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 provided here. These factors include those discussed in Covestro’s public reports. These reports are available at www.covestro.com. The company assumes no liability whatsoever to update these forward-looking statements or to make them conform to future events or developments.