

Press release

Constellium to lead £10m CirConAl project to develop lower carbon, lower cost recycled aluminium alloys with automakers and suppliers

Paris, December 2, 2022 – Constellium SE (NYSE: CSTM) announced today that it is leading a new consortium of automakers and suppliers to develop lower carbon, lower cost aluminium extrusion alloys. Sponsored by a grant from the UK’s Advanced Propulsion Centre (APC), the £10 million CirConAl (Circular and Constant Aluminium) project aims to maximize the use of post-consumer scrap in a new generation of high-strength alloys that emit less than two tons of CO₂ per ton of aluminium produced. CirConAl is part of joint government and industry support for projects to build an end-to-end supply chain for zero-emissions vehicles in the UK.

By designing, developing, prototyping, and testing aluminium automotive components at scale, the project is expected to demonstrate that high-strength alloys with high recycled content can meet or exceed OEM requirements, such as strength, crushability, durability, and other performance criteria. Together, the partners would also develop scrap sorting technologies to ensure that valuable metal is recycled into new automotive solutions rather than downcycled, preserving its value and contributing to a circular economy.

“Low carbon solutions require collaboration across the supply chain and Constellium is proud to lead the CirConAl project in partnership with the APC, automakers, and suppliers as the industry works toward carbon neutrality,” said Philippe Hoffmann, President of Constellium’s Automotive Structures & Industry Business Unit. “Taking advantage of Constellium’s high-strength HSA6[®] aluminium extrusion alloys, as well as new scrap sorting and blending technologies, we expect this next generation of alloys to provide automakers with ultra-low embodied CO₂ material to drastically reduce the carbon footprint of their products.”

Aluminium extrusions and components for the CirConAl project will be prototyped and tested at Constellium’s [University Technology Center](#) (UTC) located at Brunel University London. The UTC is a center of excellence for the development of aluminium [Crash Management Systems](#) and [body structure components](#), as well as [battery enclosures](#) for electric vehicles. Its industrial scale casting and extrusion equipment allows for rapid prototyping, reducing development times by at least 50% for the advanced alloys required to lightweight automotive components.

Constellium is committed to do its part in the [fight against climate change](#), and to collaborate across the value-chain to help drive the low-carbon transition and promote a circular economy. The company has committed to reach a 30% reduction in its carbon emissions intensity by 2030 (scope 1, 2 and 3) vs. 2021, and pledged that at least 50 percent of all aluminium Constellium uses will be from recycled sources by 2030. Constellium recently joined the [First Movers Coalition](#), a global coalition to decarbonize hard-to-abate sectors, and is a founding member of the [Aluminium Stewardship Initiative](#).

About Constellium

Constellium (NYSE: CSTM) is a global sector leader that develops innovative, value added aluminium products for a broad scope of markets and applications, including aerospace, automotive and packaging. Constellium generated €6.2 billion of revenue in 2021.

www.constellium.com

Forward-looking statements

Certain statements contained in this press release may constitute forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. This press release may contain “forward-looking statements” with respect to our business, results of operations and financial condition, and our expectations or beliefs concerning future events and conditions. You can identify forward-looking statements because they contain words such as, but not limited to, “believes,” “expects,” “may,” “should,” “approximately,” “anticipates,” “estimates,” “intends,” “plans,” “targets,” likely,” “will,” “would,” “could” and similar expressions (or the negative of these terminologies or expressions). All forward-looking statements involve risks and uncertainties. Many risks and uncertainties are inherent in our industry and markets, while others are more specific to our business and operations. These risks and uncertainties include, but are not limited to: market competition; economic downturn; disruption to business operations, including the length and magnitude of disruption resulting from the global COVID-19 pandemic; the Russian invasion of Ukraine; the inability to meet customer demand and quality requirements; the loss of key customers, suppliers or other business relationships; supply disruptions; excessive inflation; the capacity and effectiveness of our hedging policy activities; the loss of key employees; levels of indebtedness which could limit our operating flexibility and opportunities; and other risk factors set forth under the heading “Risk Factors” in our Annual Report on Form 20-F, and as described from time to time in subsequent reports filed with the U.S. Securities and Exchange Commission. The occurrence of the events described and the achievement of the expected results depend on many events, some or all of which are not predictable or within our control. Consequently, actual results may differ materially from the forward-looking statements contained in this press release. We undertake no obligation to update or revise any forward-looking statement as a result of new information, future events or otherwise, except as required by law.