



EUROPEAN ALUMINIUM PRODUCERS TO BOOST THE CIRCULARITY OF BEVERAGE CANS

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Press Release

Four leading flat-rolled aluminium manufacturers and members of the European Aluminium Packaging Group (EAPG), Constellium, Elval, Novelis and Speira, have signed an agreement to engage in a standardisation project to maximise the recycled content levels of the beverage can and thus substantially lower carbon emissions, focused on increased recyclability of the can end.

Today, the aluminium beverage can body and the can end are made from two different aluminium alloys. While the rolled aluminium for the can body already contains a high percentage of recycled aluminium and supports ultra-high recyclability, there is additional sustainability potential related to the can end. The project will focus on exploring alternative, more-recycling-friendly alloy(s) for the can end. The use of recycled aluminium drastically reduces direct carbon emissions and saves 95% of energy compared with primary aluminium production. An alternative alloy with a high recycled content for the can end will enable can makers to offer cans with strongly reduced carbon emissions. The ultimate aim is to develop an aluminium beverage can which can be produced from up to 100% recycled aluminium and to deploy it on the market.

EAPG will provide the platform to execute the project, building on its vast experience in developing such collaborative activities. The multi-year project aims to fully engage other value chain partners directly involved in the process of can-making, filling, and closing.

“Collaboration and pooling of expertise on this vital topic is something that all company members of the Packaging Group of European Aluminium are fully committed to, and that will help decarbonise our industry”, stated Maarten Labberton, Director of the European Aluminium Packaging Group. “The project is a key driver towards full circularity and will make beverage cans an even more sustainable packaging. In addition, with the steady growth of Deposit Return Systems across Europe, we will be able to recycle more cans via can-to-can remelting solutions, in line with the joint roadmap with the canmakers towards [100% beverage can recycling by 2030](#).”

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About the involved flat rolled aluminium manufacturers:



Constellium: Constellium (NYSE: CSTM) is a global leader in advanced aluminium products and solutions and in aluminium recycling, serving a wide range of industries including packaging, aerospace, and automotive. With a commitment to innovation, sustainability, and customer satisfaction, Constellium leverages its expertise in R&D, manufacturing, and engineering to deliver aluminum products and solutions that contribute to a more sustainable and circular future. Headquartered in Paris, France, Constellium operates a network of 28 state-of-the-art facilities across Europe, North America, and Asia, and generated €7.2 billion of revenue in 2023. For more information, visit www.constellium.com



Elval: Elval is the aluminium rolling division of ElvalHalcor SA (ELHA:ATH), a leading global aluminium and copper manufacturer with a strong production base across 15 plants, cutting-edge technology and a solid market presence in more than 90 countries. Elval has 50 years of rolling and recycling expertise, designing and manufacturing innovative aluminium solutions while building trusted partnerships across the globe. The extensive custom-made product portfolio serves the packaging, transportation, automotive, HVAC&R, building and construction, energy and industrial markets. Through continuous investments in R&D&I and the in-house Technology Centre, we invest in highly specialized human talent, responsible production and environmental protection, enabling the transition to climate neutrality and the contribution of aluminium to a circular economy. For more information about Elval, please visit www.elval.com



Novelis: Novelis Inc. is driven by its purpose of shaping a sustainable world together. We are a global leader in the production of innovative aluminium products and solutions and the world's largest recycler of aluminium. Our ambition is to be the leading provider of low-carbon, sustainable aluminium solutions and to achieve a fully circular economy by partnering with our suppliers, as well as our customers in the aerospace, automotive, beverage can and specialties industries throughout North America, Europe, Asia and South America, Novelis is a subsidiary of Hindalco Industries Limited, an industry leader in aluminium and copper, and the metals flagship company of the Aditya Birla Group, a multinational conglomerate based in Mumbai. For more information, visit www.novelis.com



Speira: Speira is a leading European aluminium rolling and recycling company, comprising a total of eleven recycling and production sites in Germany and Norway plus own research and development. Speira recycles up to 650,000 tons of aluminium per year and produces around one million tons of advanced rolled products. The plants include the Alunorf joint venture, the world's largest aluminium rolling mill, and Grevenbroich, the world's largest refining plant in the world. With approximately 5,400 employees, Speira is proud to supply some of the best-known industrial companies in the global sectors automotive, packaging, printing, engineering, building and construction. Speira operations are built on over a century of aluminium rolling and recycling experience and technical expertise for aluminium products. www.speira.com



European Aluminium: European Aluminium, founded in 1981 and based in Brussels, is the voice of the aluminium industry in Europe. We actively engage with decision makers and the wider stakeholder community to promote the outstanding properties of aluminium, secure growth and optimise the contribution our metal can make to meeting Europe's sustainability challenges. Our 100+ members include primary aluminium producers; downstream manufacturers of extruded, rolled and cast aluminium; producers of recycled aluminium and national aluminium associations, representing more than 600 plants in 30 European countries. Aluminium products are used in a wide range of markets, including automotive, transport, high-tech engineering, building, construction and packaging. www.european-aluminium.eu