

Press Release

Alumobility Expands Its Ecosystem for Automotive Aluminum with Joining Expertise from New Members ARO, Atlas Copco, and Sika

ZURICH, August 11, 2021 – Alumobility, a non-profit organization focused on proven technical solutions to advance the adoption of [aluminum](#) automotive body sheet, announced today that it has welcomed ARO, Atlas Copco, and Sika as new members. Experts in a variety of joining techniques for aluminum and other metals, these partners will contribute essential knowhow of assembly methods of aluminum auto body sheet components such as closures, body structures and battery enclosures.

“We are thrilled to welcome ARO, Atlas Copco, and Sika to Alumobility,” said Mark White, Executive Director of Alumobility. “Their expertise in welding, self-pierce riveting, flow drill fastening, adhesive bonding and other joining methods will demonstrate reliable, efficient and cost-competitive manufacturing solutions for aluminum automotive body structures and components. By working together, aluminum producers and downstream providers can help automakers better realize the increased benefits of light, strong, sustainable aluminum.”

Launched in January 2021 by founding members Constellium and Novelis, Alumobility conducts technical studies to help automakers utilize aluminum automotive body sheet to fulfill the promise of a lighter, more efficient, more sustainable mobility future. A new study on the latest joining methods is planned to be introduced this autumn to demonstrate the value and performance of various joining scenarios that can be applied to aluminum-intensive vehicles, as well as mixed material structures. Findings from this study will be shared in upcoming global auto industry conferences, and presented in detail at an Alumobility webinar. This project follows the consortium’s study on aluminum [door design](#) that showcased a 45% weight savings compared to steel doors while meeting or exceeding safety specifications and other customer performance criteria.

Automakers continue to rely on lightweight, high-strength, sustainable aluminum to shape the future of mobility with lighter, safer, smarter and more sustainable vehicles. Alumobility represents a commitment by leading aluminum producers and downstream partners to further advance the technical capabilities of aluminum automotive body sheet in order to compete with other materials for applications in next-generation vehicle design.

For the latest news and event information from Alumobility, [subscribe](#) to our website to receive alerts.

About Alumobility

[Alumobility](#) is a global ecosystem of leading aluminum and downstream technology partners that supports automotive manufacturers in creating lighter, safer, smarter and more sustainable vehicles. The non-profit association was founded to focus on proven technical solutions to advance the adoption of aluminum automotive body sheet (ABS). Working with global automakers, Alumobility will help fulfill the promise of a lighter, more efficient, more sustainable mobility future.

About ARO

[ARO](#) is widely regarded as the world leader in resistance welding to the automotive industry. The ARO group is headquartered near Le Mans, in France, with regional offices in Germany, Spain, Belgium, Slovakia, Sweden, the UK, USA, Mexico, Brazil and China. The company was founded in 1949 and today employs over 500 people. ARO is a member of the British engineering and industrial group, Langley Holdings plc.

About Atlas Copco

Our industrial ideas empower our customers to grow and drive society forward. This is how we will create a better tomorrow. In our Innovation Centers and test laboratories, we're driving innovations together with our customers to meet the demands of future mobility. [Atlas Copco](#) is a global industrial group, founded in 1873 in Stockholm. In 2020 we had revenues of BSEK100 (BEUR 10) and at year end about 40,000 employees.

About Sika

[Sika](#) is a specialty chemicals company with a leading position in the development and production of systems and products for bonding, sealing, damping, reinforcing, and protection in the building sector and automotive industry. Sika has subsidiaries in 100 countries around the world and manufactures in over 300 factories. Its 25,000 employees generated annual sales of CHF 7.88 billion in 2020.

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