PRESS RELEASE

Alstom and Stilfold deepen their innovative collaboration

- **Alstom and the Swedish start-up Stilfold are deepening their collaboration after a successful pilot project completion.**
- **The collaboration aims at exploring how Stilfold's technology can be applied to additional train components and steel structures.**
- **The Stilfold method is based on bending and folding steel sheets in an origami-like process, reducing material waste and weight while providing flexibility and strength.**

12 February 2026 – Alstom, global leader in smart and sustainable mobility, is deepening its collaboration with the Swedish start-up Stilfold. Following the successful completion of a pilot project, Alstom and Stilfold are taking the next step to evaluate how the company's unique curve-bending method can be applied to a wider range of train components and structural elements.

The Stilfold method is based on bending and folding steel sheets in a controlled, origami-like process. The technology opens up new ways of designing steel components, with the potential to both reduce climate impact and lower costs.

"Through the pilot project, we have been able to confirm that Stilfold is a highly promising technology with potential across several types of train components. The results allow us to take the next step and deepen our collaboration with a view to identifying solutions that are both more environmentally friendly and cost-effective", said Ganesh Chandramouli, Head of Innovation, Strategy and Product Portfolio at Alstom Sweden.

A Stilfold-based structure requires less raw material compared to conventional manufacturing techniques, offering several advantages. The steel requires less processing, such as welding, which reduces both energy consumption and environmental impact. At the same time, material strength can be improved despite the reduced material usage, and structures can be made significantly lighter than with traditional methods.

"This is exactly the type of industrial validation for which we have built Stilfold. Taking this step together with Alstom from pilot to broader application confirms that our technology has the potential to redefine how steel components are constructed and produced", said Jonas Nyvang, co-founder and CEO of Stilfold.

In the next phase of the collaboration, Stilfold and Alstom will analyse additional existing solutions and identify components where the Stilfold technology can have the greatest impact – for example through weight reduction, simplified manufacturing or reduced climate impact.

Innovation is a central part of Alstom's efforts to reduce its environmental footprint and strengthen its competitiveness. Through the company's Innovation Station in Sweden, and in collaboration with universities, research centres, start-ups and other industry partners, Alstom is building a strong innovation ecosystem in Sweden as well as across Europe.

About Alstom

Alstom is the pure rail leader, committed to making rail the backbone of sustainable transportation. We design and deliver a complete range of future-ready solutions – from high-speed and regional trains to metros, monorails, trams, turnkey systems, end-to-end services, infrastructure, signalling and digital rail solutions. With 86,000 people in 63 countries, Alstom brings together global expertise and multi-local presence to make every journey smarter, cleaner and more enjoyable. Together with our partners and customers, we realise the power of rail. Listed in France, Alstom generated revenues of €18.5 billion for the fiscal year ending 31 March 2025.For more information, visit www.alstom.com.

Contacts

Press:

Alstom HQ:
Stéphane SAVIGNARD - Tel.: +33 (0)763004876
stephane.savignard@alstomgroup.com

Alstom Sweden
Johanna SVEDIN, Communications Director Nordics - Tel.: +46 (0) 725 933 255
johanna.svedin@alstomgroup.com