

SHOW DAILY

On stage

Agora 5 – 11:00 – 11:25

EXPERT INSIGHT
Fibreglass

ALESSANDRO
FORESTIERI,
GR EUROPE
CIRCULARITY LEAD,
OWENS CORNING

«We are addressing these challenges to make fibreglass truly circular»

on glass-fibre composite waste, Sustaina® products incorporate circular content derived from other industries' waste streams. All products manufactured in Besana (MER, CSM, CFM, DUCS) can now be sold as Sustaina® with 50% circular content under an ISCC Plus certified mass-balance chain of custody. Today, all our melting plants in Europe are ISCC Plus certified. This gives us a unique opportunity to progressively increase circular content in our customers' composite products and support what we believe is a critical industry objective: bringing composites recyclability to scale.

What progress has been made with your Sustaina Loop initiative since last year?

In 2025, we operated at a semi-industrial scale and supplied limited volumes of Sustaina® Loop. A key milestone was achieved in December 2025 with the official inauguration of our remelting line at our L'Ardoise site in France. This marked the industrial deployment of our proprietary remelting technology, specifically designed for circularity. We are now ramping up to full nominal capacity while actively commercialising Sustaina® Loop. In parallel, in November 2025, we launched the Sustaina® product offering from our Besana plant in Italy. Differently from Sustaina® Loop, which is based

What are the current obstacles and opportunities related to circularity in the fibreglass sector?

Incorporating circular materials into fibreglass furnaces is technically challenging. Fibreglass production requires molten glass to be extruded into filaments far thinner than a human hair, demanding extremely precise viscosity and composition control. Even minor contaminants can severely impact process performance. At Owens Corning Composites, we are addressing these challenges to make fibreglass truly circular. Through remelting, we bring fibreglass back to its highest value, enabling the production of 100% circular fibreglass with the same performance and properties as standard Advantex® E-CR Glass. Today, we remelt post-industrial glass fibre waste, with plans to progressively integrate glass fibre from composite waste streams. Our ambition is to provide a scalable solution for fibreglass waste after end-of-life processes (e.g., pyrolysis), also to support the scale-up of recycling infrastructure. The final step will be moving from post-industrial to post-consumer circular content. This requires continued investment, strong value-chain partnerships and also a supportive regulatory framework. The latter is needed to address the sorting and collection step, strengthen waste classification and traceability, support the business case of recycled materials and ensure clarity and technology neutrality in recycling pathways.

Technology for maximum Performance

- Turn-key systems for composites cutting
- Maximum material yield
- Highest level of productivity
- Individually configurable

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How can other stakeholders join your program and contribute to long-term sustainability?

For us, circularity means closing the loop across the value chain. Success depends on the active involvement of all stakeholders. Customers can join by adopting Sustaina® glass fibres, a drop-in solution requiring no additional qualification, allowing immediate introduction of circular content into composite products. The value is simple: for every one tonne of Sustaina® Loop produced, at least one tonne of virgin material is replaced with glass fibre waste. Join us in increasing glass fibre circularity and accelerating the transition towards a more circular composites industry.