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Gjenkraft, Owens Corning bolster use of post-industrial fiberglass waste

Per a new agreement, Gjenkraft's thermolysis recycling process will support the introduction of recycled glass fibers into Owens Corning's production of new glass fibers.

By Grace Nehls

A portion of an industrial line at Owens Corning's L'Ardoise, France, facility, which is pioneering a circular glass recycling process. Source | Owens Corning

Recycling company Gjenkraft AS (Høyanger, Norway) has signed a letter of intent (LOI) with Owens Corning (Toledo, Ohio, U.S.) to develop scalable circular economy solutions for post-industrial composite waste.

The initiative aims to close the loop for glass fiber materials by integrating recycled glass fibers (rGF) from Gjenkraft's thermolysis-based process back into Owens Corning's production of new glass fibers. In practice, this means composite waste will be converted into high-quality secondary raw materials — and then reintroduced into the value chain as input for new products.

Through this collaboration, the two companies will explore how advanced recycling technology can reduce landfill waste, lower CO emissions and enable a truly circular approach to composite materials.

"We're committed to reducing our environmental footprint, and this collaboration brings us one step closer to that goal," says Dr. Chris Skinner, vice president of strategic marketing and R&D for Owens Corning's Glass Reinforcements business.

Working with Owens Corning gives Gjenkraft the opportunity to further demonstrate its thermolysis-based recycling process. Funding announced in September 2025 is leading to the company's build of a commercial recycling plant.

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