



Original
Composites &
Fiberglass

SUSTAINA[®] CIRCULAR GLASS FIBER PORTFOLIO

Change the source. Keep the performance.

SUSTAINA[®] PORTFOLIO

OCTOBER 2026

Circular composites are here

Regulators, OEMs and manufacturers are asking the same two questions of every composite part: where did the material come from, and where does it go at the end of its life?

In the European Union, the End-of-Life Vehicles Regulation, in force since August 2026, sets the first binding recycled-plastic quotas for new cars: 15% from 2032 and 25% from 2036. The Ecodesign for Sustainable Products Regulation, in force since July 2024, sets the framework for recycled-content requirements and digital product passports. Europe's wind industry has committed to a landfill ban on blades from January 2026, and expects 55,000 tonnes of blade material a year to come out of service by 2030.¹

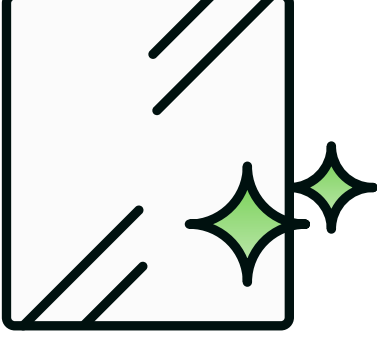
ISCC PLUS certified circular composites already exist. For composite manufacturers, SUSTAINA® attributes certified circular content to the reinforcements you already run, via mass balance chain of custody, without changing how they perform. For OEMs looking for circular materials, it makes glass fiber composites a circular option today.

¹European Union End-of-Life Vehicles Regulation (in force 13 August 2026); Regulation (EU) 2024/1781 (ESPR); WindEurope.

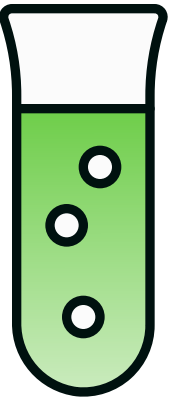


Same product. Certified circular content

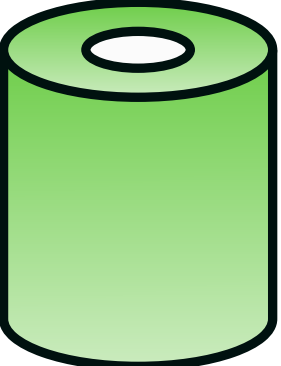
A glass fiber product is defined by three things: the glass, the sizing on the fiber surface, and the form, such as Single-End Roving or Chopped Strand Mat. With SUSTAINA®, all three stay exactly as they are: same glass, same sizing and same performance as the standard grade, so there is nothing to requalify. What SUSTAINA® adds is certified circular content: credits from circular inputs, attributed to your product through an ISCC PLUS mass balance chain of custody.


Same Glass
E-glass or
ADVANTEX® E-CR
Glass



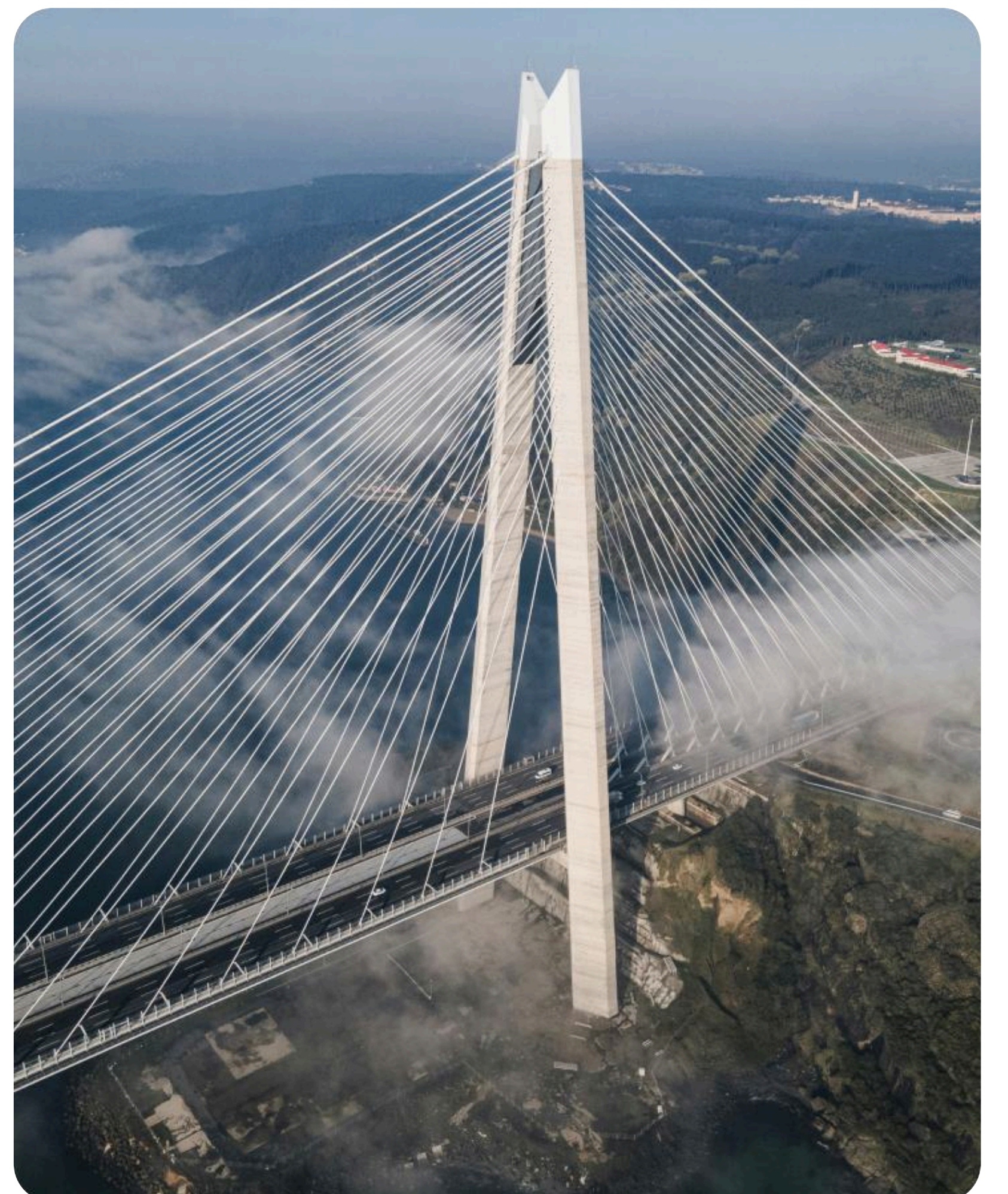

Same Sizing
Matched to your
resin




Same Form
e.g. Single-End
Roving or Chopped
Strand Mat




Same Product
With certified circular
content, attributed
via mass balance



Two routes to circular glass

The SUSTAINA® portfolio gives you two ways to bring certified circular content into your parts. Both deliver the performance of the standard grades. The difference is the source of the circular inputs.

Side by side

	SUSTAINA®	SUSTAINA® LOOP
Circular content source	Post-industrial and post-consumer circular content from outside the composites industry	Glass fiber waste
Glass type	E-glass (Kimchon, KR); ADVANTEX® E-CR Glass (Besana, IT)	ADVANTEX® E-CR Glass (L'Ardoise, FR)
Circular content	50% and 100% post-industrial or post-consumer (Kimchon, KR); 50% post-industrial (Besana, IT)	100% post-industrial
Product forms	Single-End Roving, Multi-End Roving, Dry-Use Chopped Strands, Wet-Use Chopped Strands, Continuous Filament Mat, Chopped Strand Mat, Technical Fabrics	Type 30® Single-End Roving, Wet-Use Chopped Strands
Certification	ISCC PLUS, mass balance	ISCC PLUS, mass balance

Mass balance: how we track circular content

Reclaimed and traditional glass inputs run through the same furnace. Mass balance accounting tracks how much circular content goes in and allocates it to the products you buy. ISCC PLUS certification independently audits that chain, so each tonne of circular content is counted once, and only once. It is similar to renewable energy credits: the share you pay for is guaranteed by the certification.

“For every tonne of SUSTAINA® Loop produced, Original Composites & Fiberglass replaces at least one tonne of virgin raw materials with glass fiber waste.”

SUSTAINA® Loop mass balance, ISCC PLUS certified

SUSTAINA®

KIMCHON

South Korea

E-glass

SUSTAINA®

BESANA

Italy

ADVANTEX® E-CR Glass

SUSTAINA®

ZELE*

Belgium

Technical Fabrics

SUSTAINA®

SAN VICENTE*

Spain

Technical Fabrics

SUSTAINA® LOOP

L'ARDOISE

France

ADVANTEX® E-CR Glass

*ISCC PLUS certification in progress: Zele expected end of October 2026, San Vicente end of November 2026. Circular content is attributed via ISCC PLUS certified mass balance chain of custody.

Inside the loop

How L'Ardoise turns glass fiber waste into new fiber.

Our first circular glass fiber production line, in L'Ardoise, France, takes dry glass fiber waste, checks it, then remelts it and draws it into new fiber with properties equivalent to ADVANTEX® E-CR Glass.

DEC. 2025

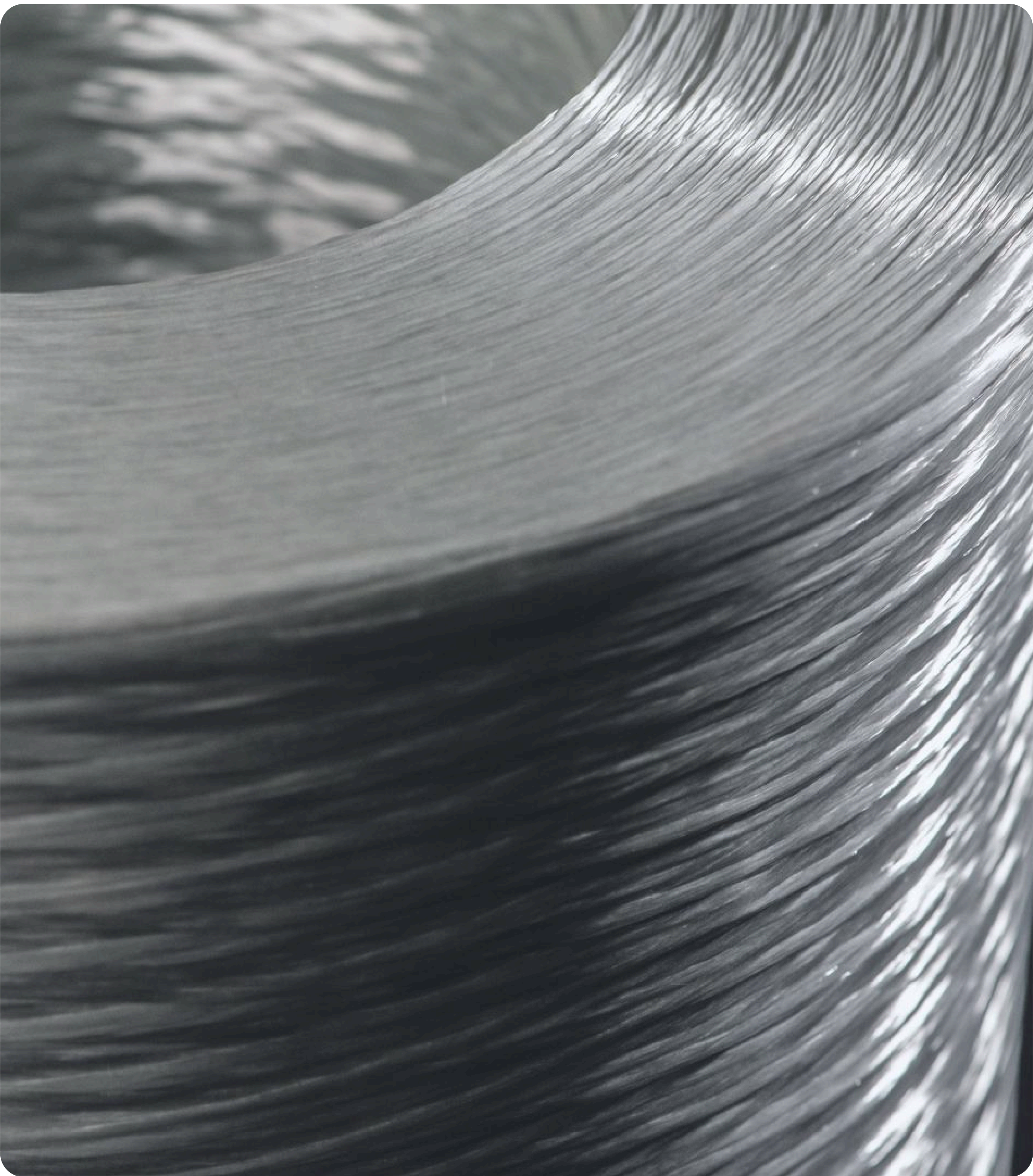
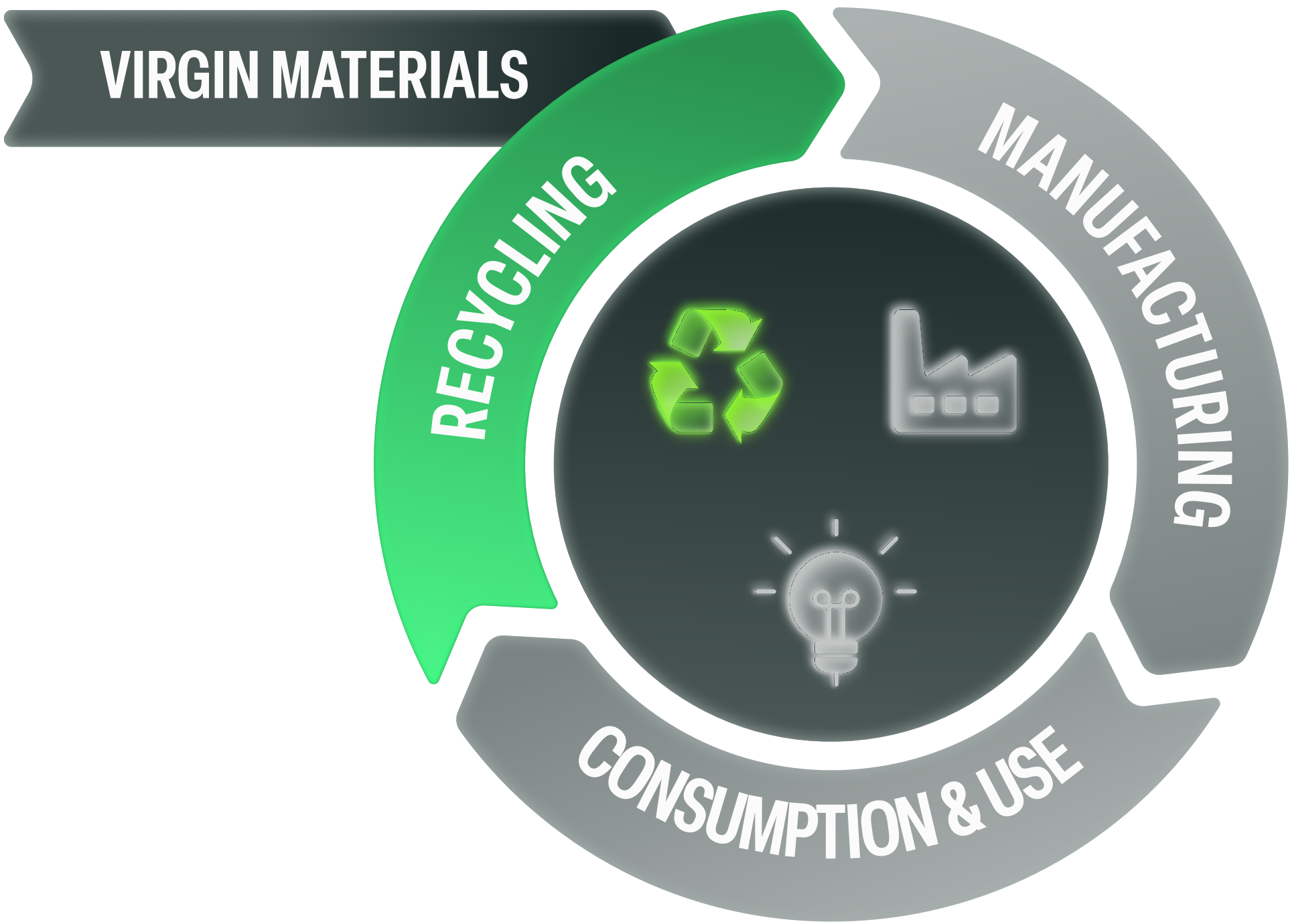
First circular glass fiber line
commissioned in L'Ardoise, FR

USD 7.5M

Investment

16,000

Work Hours



Where our glass fiber waste comes from

TYPE	AVAILABILITY
Dry glass fiber waste	In production since 2025
Glass fiber waste from composite parts	Proven at pilot scale

From wind blade to new fiber

Gjenkraft is one example of how we intend to move from pre-consumer glass fiber waste to glass fiber waste from end-of-life composite parts.

Its commercial recycling line in Høyanger, Norway, has 2,800 tonnes a year of input capacity. Gjenkraft's thermal process recovers the glass from decommissioned wind blades; our L'Ardoise line remelts it into new fiber.



Send us your glass fiber waste

Is your process generating E-CR glass fiber waste? Send it to us. It can become the raw material for new fiber at Original Composites & Fiberglass. Talk to our circularity team about take-back.

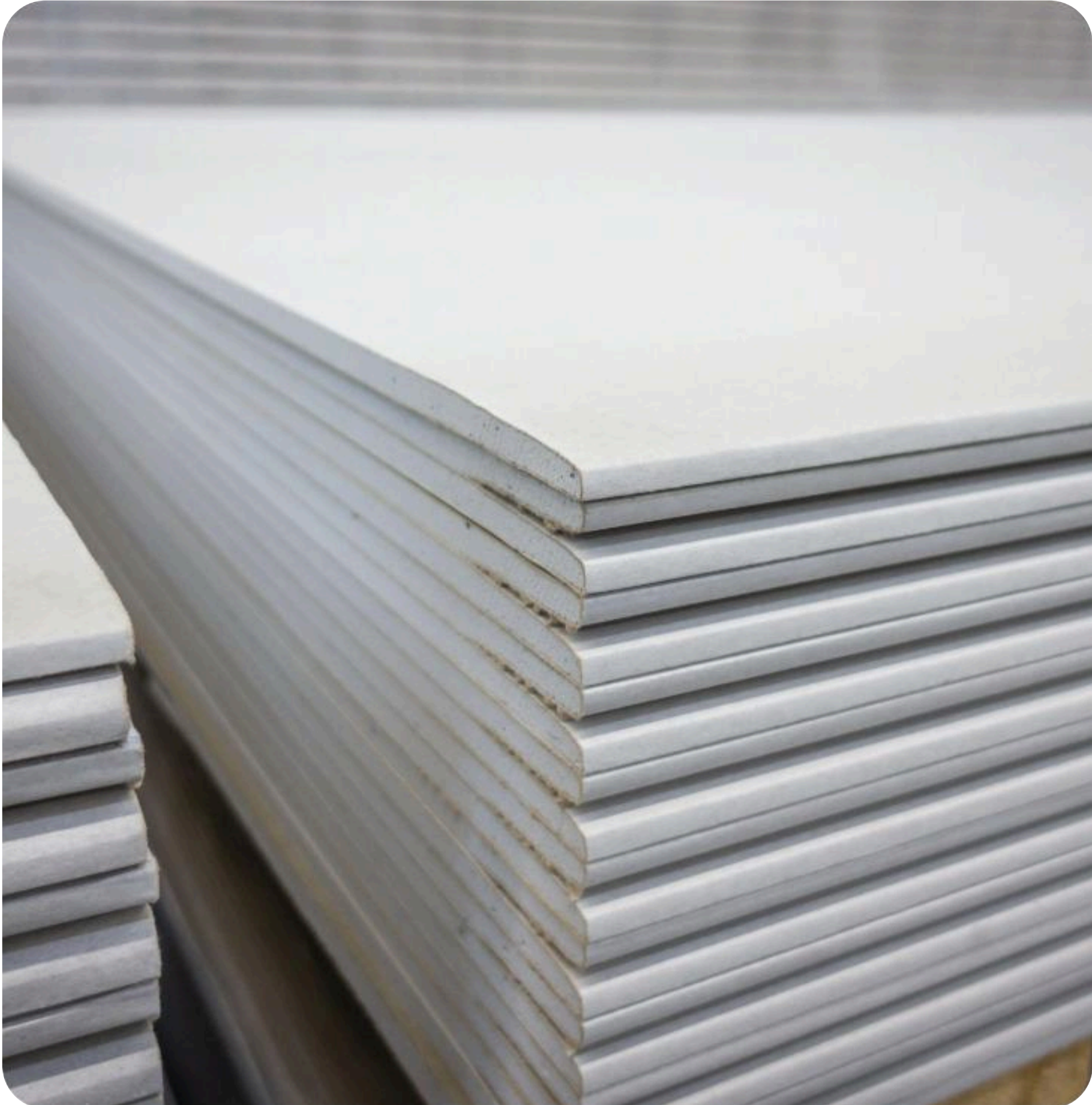
Accepted waste: E-CR glass fiber only. Reclaimed waste joins our circular feedstock, and circular content is attributed to products through ISCC PLUS mass balance.



The products you use, now circular: SUSTAINA®

ROVINGS	CIRCULAR CONTENT, PLANT AND USE	
Type 30® Single-End Roving	50% and 100% circular content ¹ , Kimchon, KR Pultrusion; long fiber thermoplastics	
Multi-End Roving	50% and 100% circular content ¹ , Besana, IT; Kimchon, KR Sheet molding compound (SMC)	
CHOPPED STRANDS	CIRCULAR CONTENT, PLANT AND USE	
Dry-Use Chopped Strands	50% and 100% circular content ¹ , Kimchon, KR Glass-reinforced thermoplastics	
Wet-Use Chopped Strands	50% and 100% circular content ¹ , Kimchon, KR Non-wovens; glass mat thermoplastics (GMT)	
Dry-Use Chopped Strands for BMC	50% circular content ¹ , Besana, IT Bulk molding compound	
MATS	CIRCULAR CONTENT, PLANT AND USE	
Continuous Filament Mat	50% circular content ¹ , Besana, IT Closed mold, continuous lamination, pultrusion	
Chopped Strand Mat	50% circular content ¹ , Besana, IT Compression molding, continuous lamination, hand lay-up	

¹Circular content is attributed via ISCC PLUS certified mass balance chain of custody.



The forms you use, now circular: SUSTAINA® Loop

TYPE 30® SINGLE-END ROVING	CIRCULAR CONTENT, PLANT AND USE	
Type 30® Single-End Roving	100% circular content ¹ , L'Ardoise, FR Products such as PulStrand® 4100 and SE1200	
WET-USE CHOPPED STRANDS	CIRCULAR CONTENT, PLANT AND USE	
Wet-Use Chopped Strands	100% circular content ¹ , L'Ardoise, FR Products such as 790C and 9501	

¹Circular content is attributed via ISCC PLUS certified mass balance chain of custody.

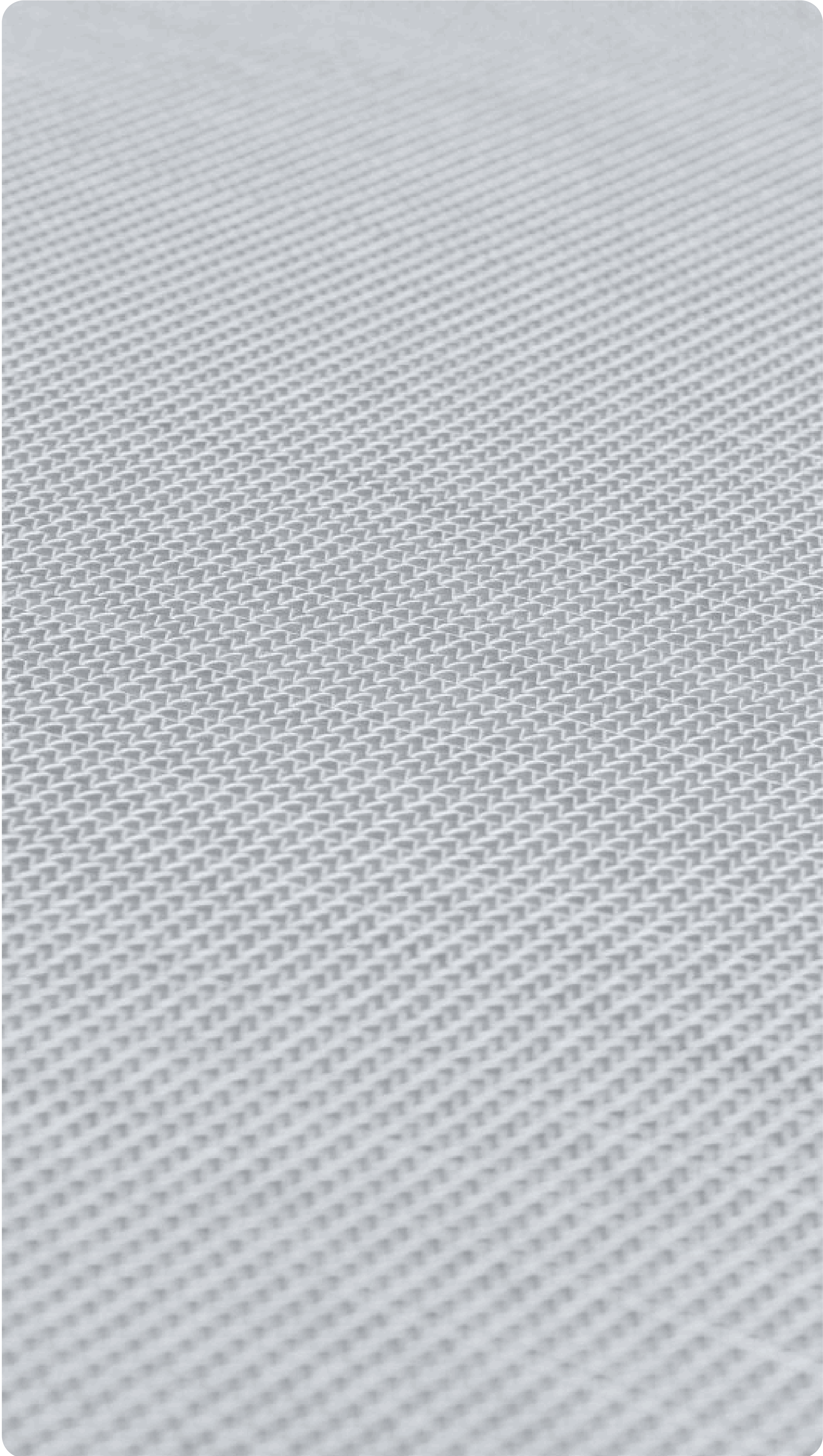
New: SUSTAINA® Technical Fabrics

CLOSE THE LOOP IN EVERY LAYER.

Technical fabrics produced in Zele, Belgium and San Vicente, Spain, from SUSTAINA® Loop and SUSTAINA® glass fiber, with the same performance and properties as our standard fabrics. Boat builders, trailer and panel manufacturers, pultruders and tank fabricators can now specify circular content in structural laminates.

- ✔ Circular content attributed via ISCC PLUS mass balance¹
- ✔ Same performance as our standard fabrics
- ✔ Produced in Zele, BE and San Vicente, ES*

Ask for the Technical Fabrics Sell Sheet



*ISCC PLUS certification in progress: Zele expected end of October 2026, San Vicente end of November 2026.

Join the loop

1. Specify SUSTAINA® or SUSTAINA® Loop in the forms you already run.
 2. Send us your E-CR glass fiber waste and keep it out of landfill.
- Each works on its own: you don't need to send us waste to buy SUSTAINA®.

Recognition

- SUSTAINA® Loop: 2025 CAMX Awards finalist, Unsurpassed Innovation
- Metstrade Sustainability Project of the Year 2025, with Arkema, Chomarat, Composite Recycling, Veolia and Groupe Beneteau

Talk to a circularity expert

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