

SHAPING THE SUSTAINABLE TRANSFORMATION OF THE COMPOSITE INDUSTRY

**THE FIRST 100% RECYCLED GLASS FIBER PRODUCTS
FOR ADVANCED APPLICATIONS**

INVESTOR TEASER
JANUARY 2025

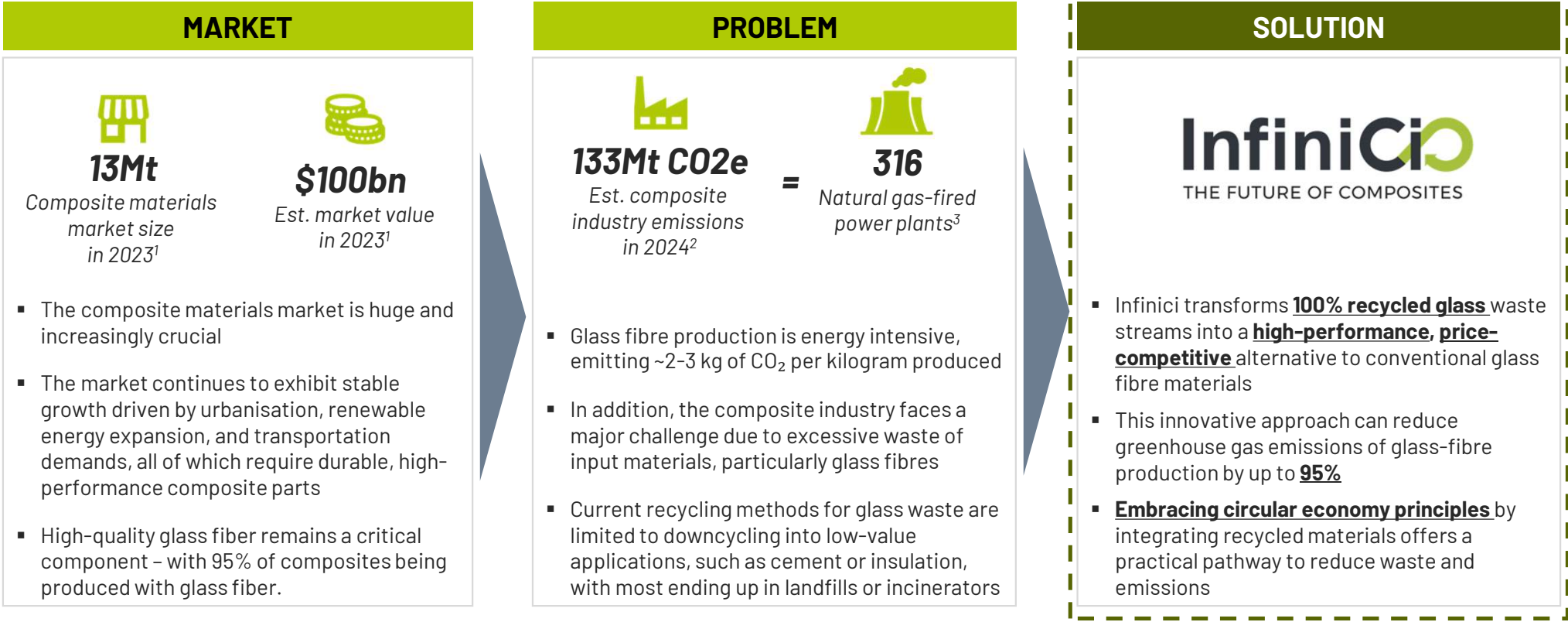
InfiniCi
THE FUTURE OF COMPOSITES

in partnership with

 **sustainable
capital
group**

GLASS FIBER PRODUCTION: A SUSTAINABLE PATH FORWARD

REDUCING CARBON FOOTPRINT OF CRUCIAL COMPOSITE SECTOR DEPENDENT ON FIBER



1 JEC 2023 market data and Infinici analysis.
2 Bundeswirtschaftsministerium.
3. EPA

INFINICI: THE FIRST 100% RECYCLED GLASS FIBER PRODUCTS FOR ADVANCED APPLICATIONS

THE ONLY COMPANY UPCYCLING GLASS WASTESTREAMS FOR ADVANCED APPLICATIONS

Facts

Founded:	September 2021
Based in:	Germany; depot in Poland
Stage:	Commercially operational (TRL 9)
Market size ¹ :	100bn USD/13Mt
FTE:	2024: ~5 2029 E: 43
Sales:	2024: €125k 2025E: ~€2-2.5m
EBITDA positive:	2027
Investment to date:	€1.2m (PLUS more off balance sheet) ²

Investment proposal

Type of fundraising	Equity
Amount	€5-6m
Use of proceeds	Working capital, sales growth, product development, capex for automation for 24 months




Better than virgin material in terms of both **price** and **functionality**




Improves customer sustainability, compliance and competitiveness



Several **barriers to entry**, including the **closed industry ecosystem**, limit competition



Confirmed **feedstock and offtake** contracts with reputable parties




Unique technology and IP **protected** by Utility Model in Germany ("Gebrauchsmusterschutz")



Reduces CO2 emissions by up to 95% compared to virgin glass³



Proven technology (TRL 9) producing at **commercial scale** to automotive standards



Established partnerships in a complex and fragmented industry

Batch production & sales starting Nov-24

Forecast still being finalised

Names and further details to be shared after NDA

Forecast still being finalised

Established manufacturing partner

VISION: become the platform solution for the entire composite material value chain to accelerate the transition towards sustainability

1 JEC 2023 market data and Infinici analysis
2 Privately funded

3 Methodology for CO2 emissions savings calculation undrgoing verfication by an independent third party

3

INFINICI NON-WOVEN FABRIC (NWF)

THE FIRST SUSTAINABLE, PREMIUM GLASS FIBRE MADE FROM 100% RECYCLED MATERIAL




>90% of composites are made from glass fibres; specifications can be adapted to customer needs

Value proposition

Infinici leverages proprietary expertise to create a non-woven fabric (NWF) glass fibre alternative made from 100% recycled glass cut-offs with superior functionality to existing materials

- **Competitive Edge:** a superior material enabling clients to meet sustainability goals and enhance competitiveness
- **Cost-Efficiency:** Sourced from readily-available waste streams as a free input material
- **Sustainable Advantage:** the only solution using glass waste, reducing CO₂ emissions, air pollution, and water use
- **Industry-ready:** TRL 9, ready to deploy at serial-scale quality production, tested and validated by a third-party research body
- **Scalable Production:** Supported by a partnership with an established manufacturer and commercial-scale production equipment

Superior material properties

-  Smoother surface quality
-  Enhanced flexural strength and modulus
-  Superior permeability
-  Advanced 3D deformability
-  Improved processability and handling
-  Lighter weight

A superior product comparing to the existing market leader¹

Core NWF product



INFINICI NONWOVEN GLASS FIBRE²

Other NWF mixes possible



NONWOVEN GF/CF HYBRID



NONWOVEN CARBON FIBRE

Lighter and stronger, but more expensive

1. Market Leader in virgin material is Rovicore by Chromarat
2. Possible to produce area weights ranging from 500 to 1,000

Strictly Confidential

INFINICI MATERIAL IS SUITABLE FOR USE ACROSS A RANGE OF INDUSTRIES

Commercial-scale production

Infinici has a long-standing relationship with an **established manufacturing player**, who has supported product development and extensive batch production testing. The two parties are now finalising a **tolling agreement for commercial production** to meet upcoming customer orders.

Composite part prototypes using Infinici NWF material



FULL CAMPER ROOF (CF)



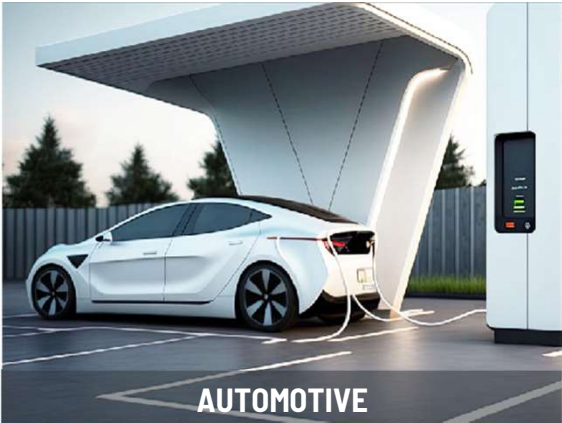
PICK-UP Cover (GF)



CARAVAN ROOF PART (CF)



BOAT LID (GF)



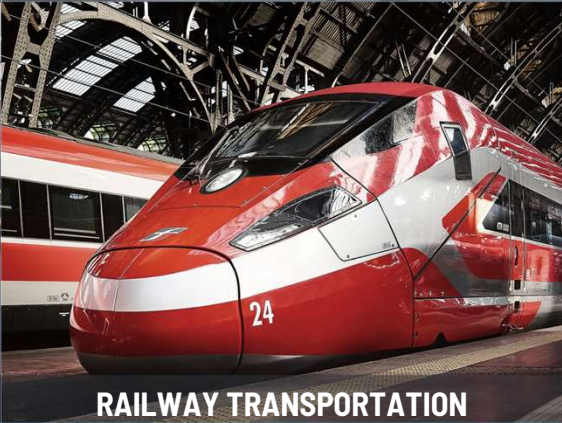
AUTOMOTIVE



WIND



MARINE



RAILWAY TRANSPORTATION



MEDTECH



ROAD TRANSPORTATION

PROCESSING: INFINICI'S PROPRIETARY KNOWLEGDE BUILT ON YEARS OF TRIAL, ERROR & OPTIMISATION

WHY IS THIS TECHNOLOGY UNIQUE?	
Process control	Fine-tuned control of materials throughout the entire process ensures seamless integration of all production steps, from material selection to needle punching, ensuring optimal process harmony
Material handling	Proprietary know-how on precise material exclusion to determine the right blend of recycled glass fiber, including understanding of fiber interaction with composite manufacturing processes.
Gentle and uniform fibre opening	Gentle and precise opening of fibers, accounting for variations in fiber types and characteristics.
Controllable flowability & permeability	Achieve the desired flowability and permeability required for standard composite manufacturing processes

A PRODUCT WITH EXCEPTIONAL PROPERTIES THAT IS DIFFICULT TO REPLICATE



LEADERSHIP & EXCELLENCE FOR SCALE UP IN EUROPE

INFINICI MANAGEMENT TEAM

INFINICI BOARD		SUPERVISORY BOARD
 RALF-STEFAN STUHR, DIPL. BA <ul style="list-style-type: none">• 20+ years sustainability (GreenTech, eco standards, energy efficiency and recycling)• 7+ years composite industry (platforming, material design, EOL)• Strong expertise in venture formation	 MARK LUDWIG, M.SC. PHYSICS <ul style="list-style-type: none">• Ex-Harvard, Ex-Booz&Co• Ex-Director Strategy & Innovation (Johnson & Johnson)• Organizational development & go-to-market strategies expert• 5+ years chemical & composite industry	 KLAUS WEBER, MD <ul style="list-style-type: none">• Investor strategy• New business development• Senior leadership & board experience
PRODUCT & TECHNOLOGY DEVELOPMENT		
 CHRISTOPH ZUNKE, PH.D. PHYSICS <ul style="list-style-type: none">• Production optimization• Statistics & programming excellence• CO₂ footprint analysis know-how• Corporate experience (PMO / Chief of staff)	 PETER BREUER, MECH. ENGINEER <ul style="list-style-type: none">• 30+ years composite industry• Multiple positions across the value chain (Saint Gobain, BASF Elastogran, MBBB, Pecolit, HanseYachts)• MD of multiple composite companies across Europe	 DANIEL GRÜBNER , DIPL. ECON. <ul style="list-style-type: none">• Energy Industry• Public relations• Marketing
PLATFORM MANAGEMENT		FINANCE & REPORTING
   KINGA, SEGVAN & CONSTANTIN <ul style="list-style-type: none">• Engineering & commercial expertise• Supply chain know-how• Data management expertise• Automotive & logistics industry know-how	 NINA GRÜBNER, DIPL. BA <ul style="list-style-type: none">• Commercial leadership• Controlling & finance excellence• Administrative expertise	

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