

CAPTURE & ELIMINATE CO₂

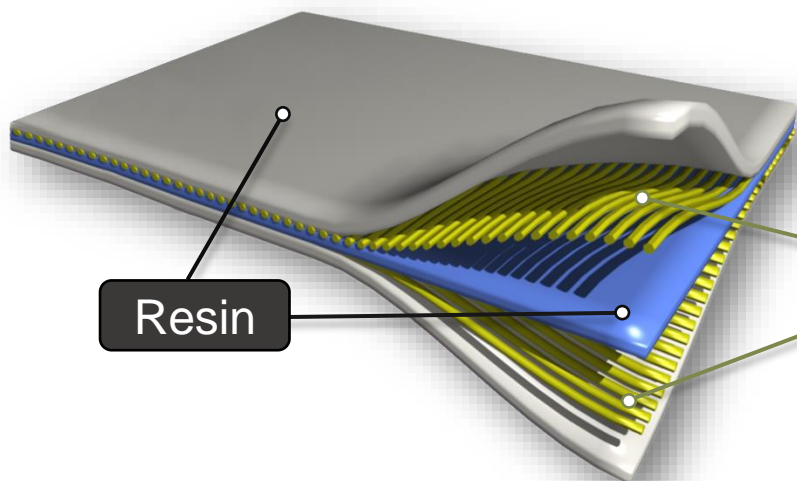
Composite bamboo reinforcements

20/04/2024



Edouard Sherwood
Founder & CEO

LIGHTER & FUNCTIONAL

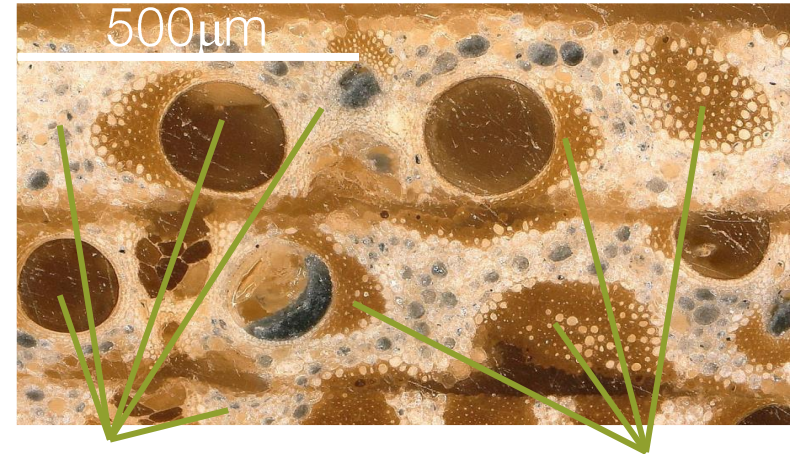
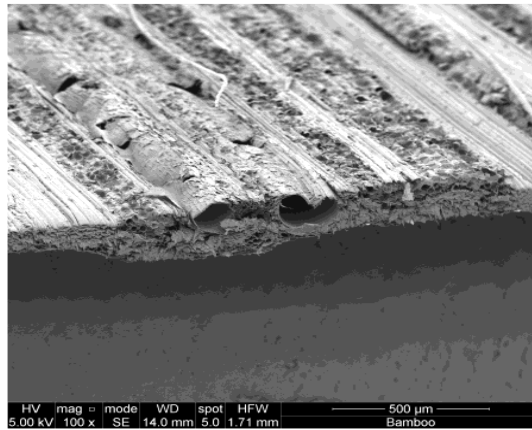


Fibres
Yarns
Fabrics



COBRATEX

- ✓ REINFORCEMENTS
- ✓ BAMBOO



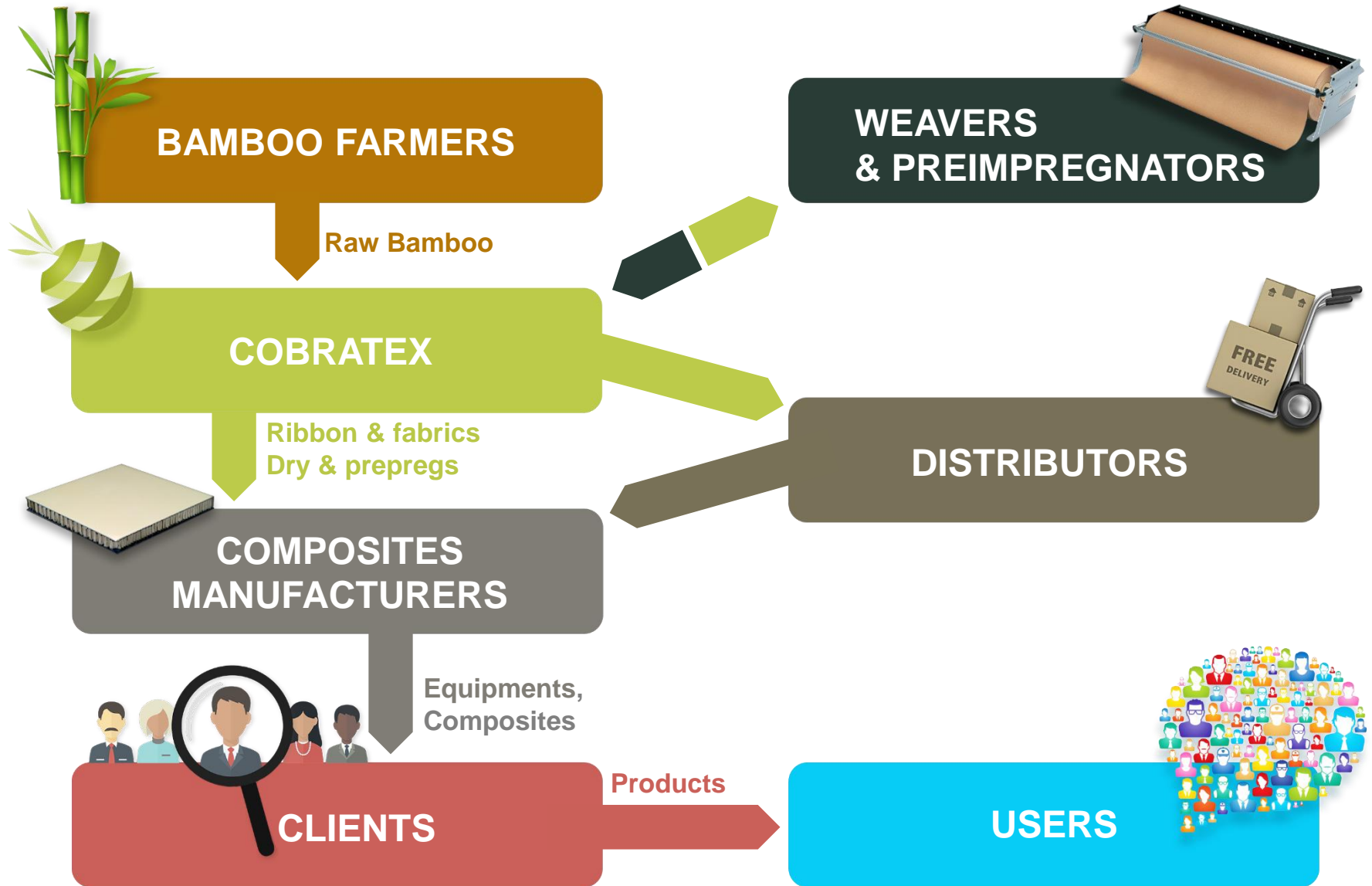
CLOSED HONEYCOMB
STRUCTURES & CHANNELS

FIBRE BUNDLES

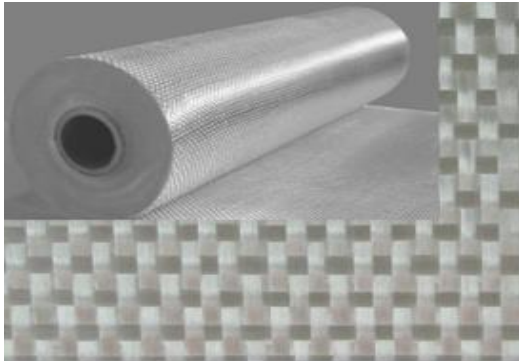


**COMPOSITE MORPHOLOGY
RUPTURE VS STANDARD YARNS
LIGHT & STRUCTURAL**

BUSINESS MODEL



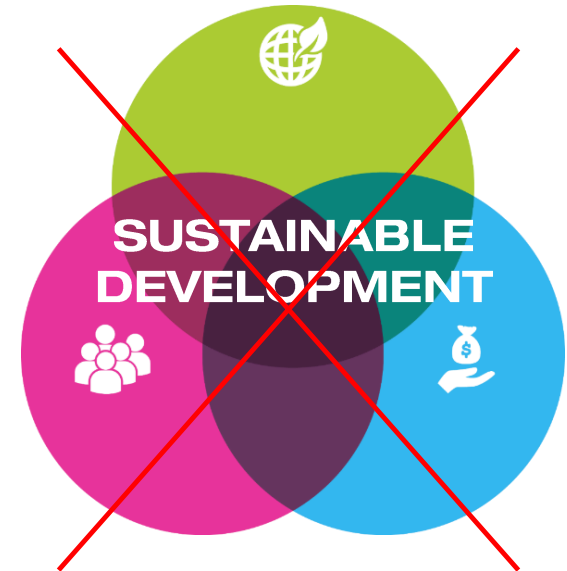
GLASS



CARBON



Energy
Consuming →

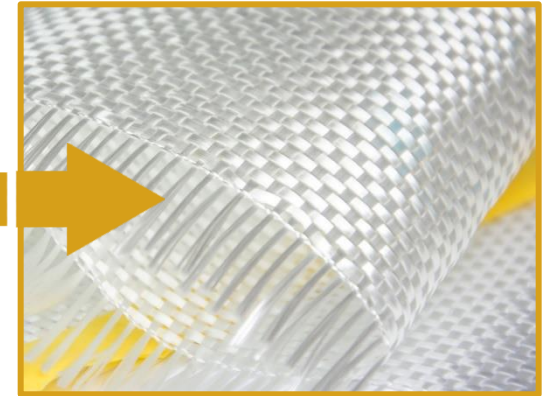
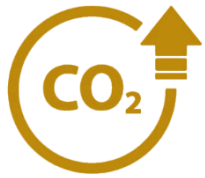


BIOBASED REINFORCEMENTS



IMMEDIATE ENVIRONMENTAL IMPACT

GLASS



vs

+ 2,4 TCO_2 / T

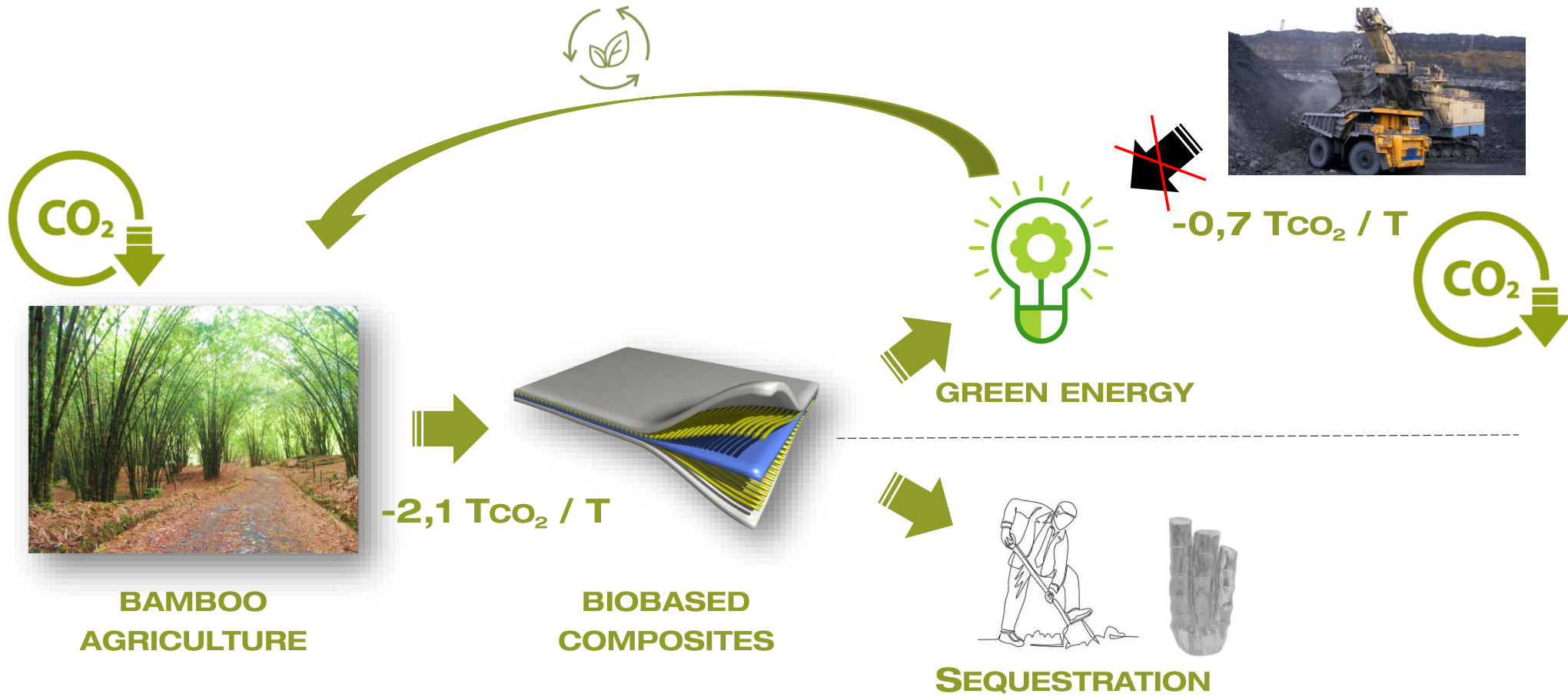
- 2,1 TCO_2 / T

BAMBOO



CO2 REVERSAL : STORAGE vs. EMISSION
OVERALL IMPACT : - 4,5 TCO_2 /T

FOOTPRINT WITH END OF LIFE



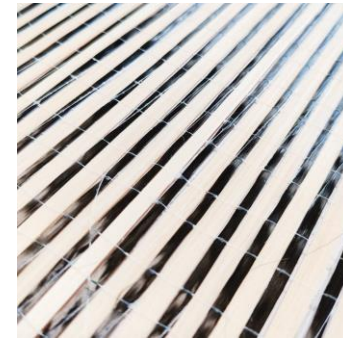
 **BURIAL = FULL CAPTURE (FOSSILISATION)
OR
INCINERATION**
FIRST CAPTURE + FOSSIL RESOURCES SAVINGS + EMISSION IN CLOSED LOOP



COMPLETE REINFORCEMENT PRODUCT RANGE



SPOOLS



MULTI-MATERIAL



DRY FABRICS



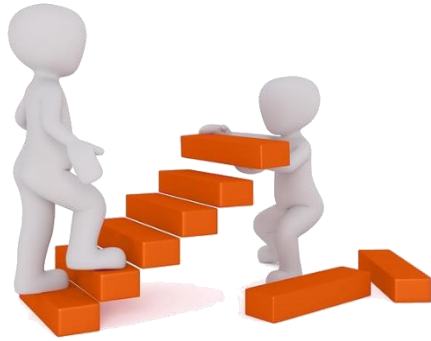
PREPREGS



LONG FIBRES



COMPOSITE & FINAL PRODUCT OFFER



CONSULTANCY

MONOLITHIC



SPECIFIC « SANDWICH »



MORE SUSTAINABLE

LOW DENSITY

VERY LOW RESIN ABSORPTION



DAMPING

GOOD WATER INTAKE RESPONSE

THERMAL & ACOUSTIC

RADIOFREQUENCIES TRANSPARENCY



16 STAKEHOLDERS & MANY PARTNERS

STAKEHOLDERS

TECHNICAL ENGINEERS

COMPOSITES & INDUSTRY EXPERTS

SUSTAINABLE DVPT

INTERNATIONAL BUSINESS

FINANCIAL ENGINEER

CULTIVATOR / FARMER



MACHINE & ROBOTICS

COMPOSITES

FINIT ELEMENT MODELING

WEAVING

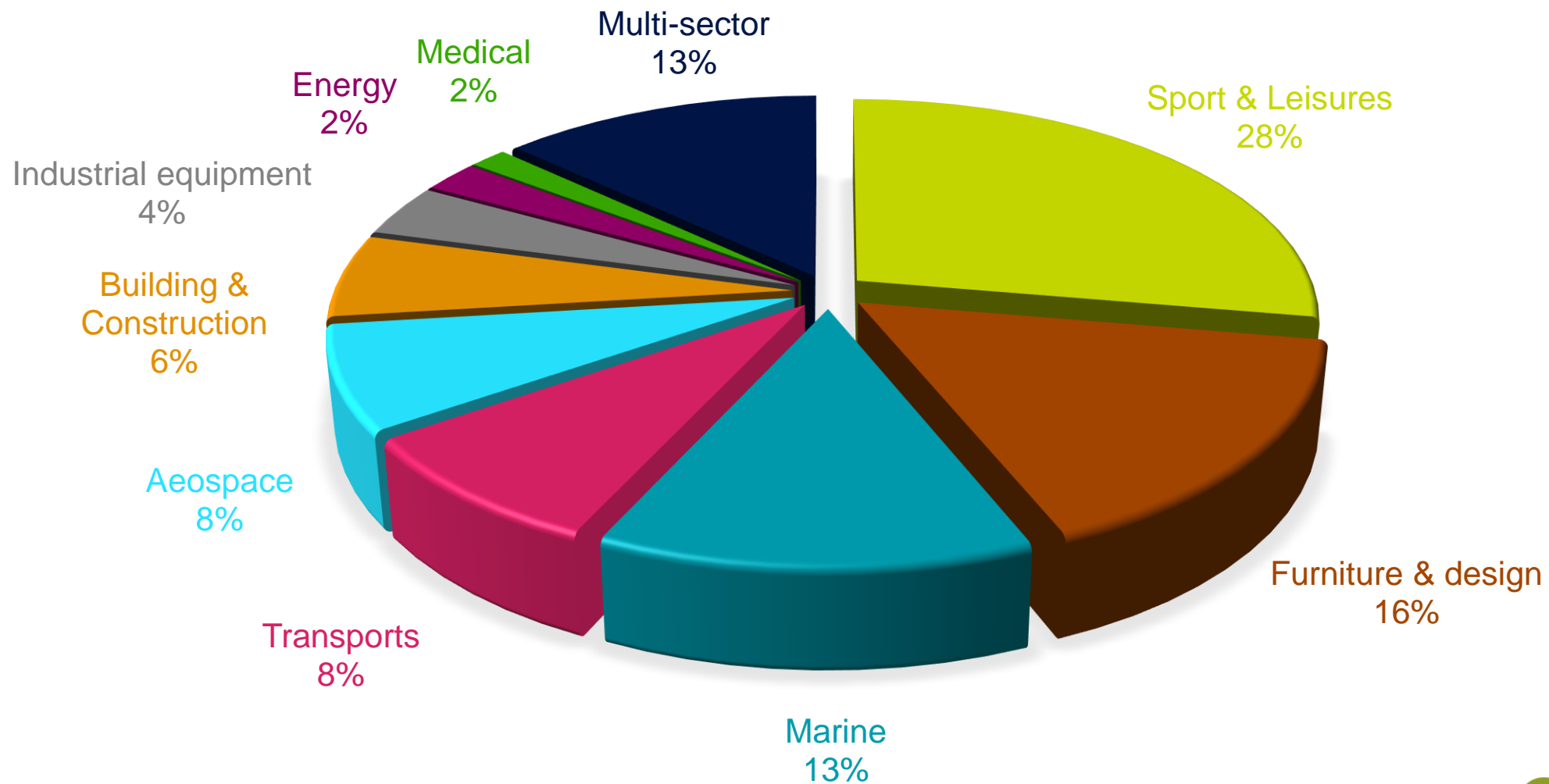
COMMUNICATION

BAMBOO

PARTNERS

MARKET OVERVIEW

>180 CLIENTS



SPORTS & LEISURE









LUGGAGE AND INTERIOR DESIGN



MEDICAL SECTOR





ecODELIV⁹

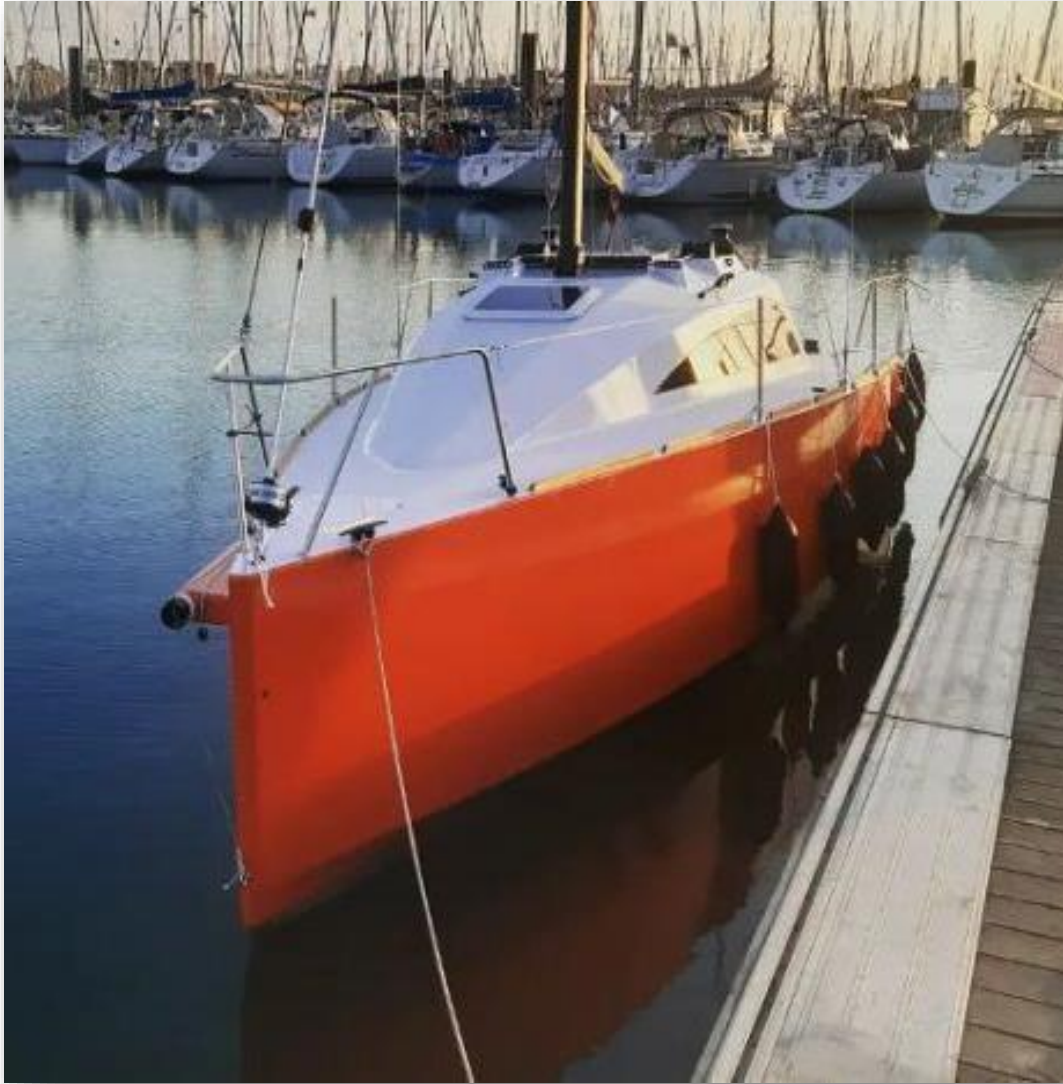
By COBRATEX



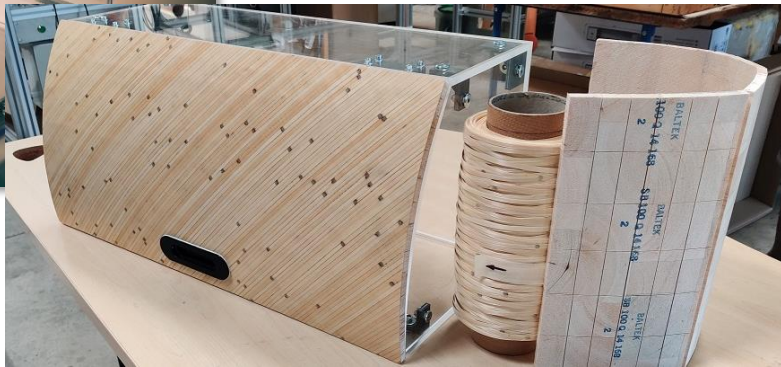
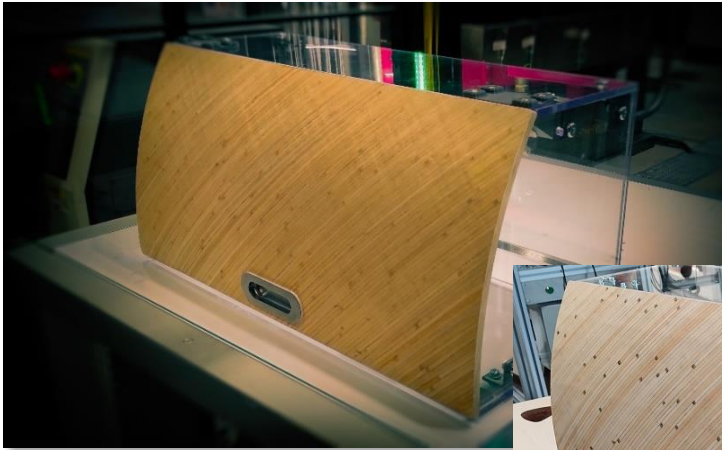
www.cobratex.com









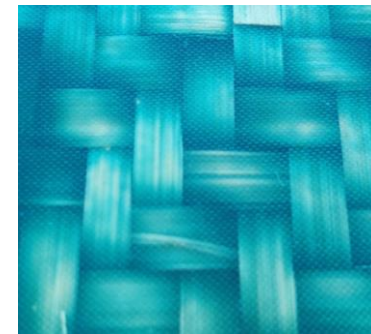
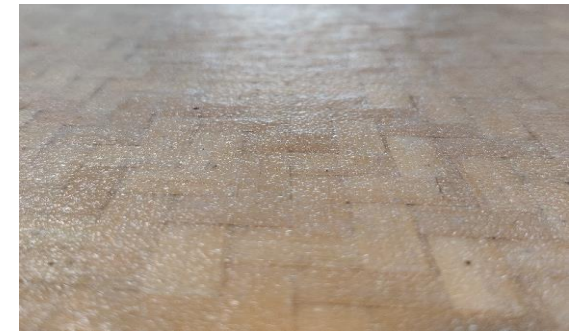




Smooth Miroir-like or glossy



Smooth textured or with grip



Raw

Caramelised

Chocolate/creme

Light black

Deep green



COBRATEX : 2013 > 2023

31 

NATIONAL & INTERNATIONAL PARTNERS

189 

NATIONAL & INTERNATIONAL CLIENTS

21 

REFERENCED PRODUCTS

503 

PRODUCT QUOTES SENT OUT

15 

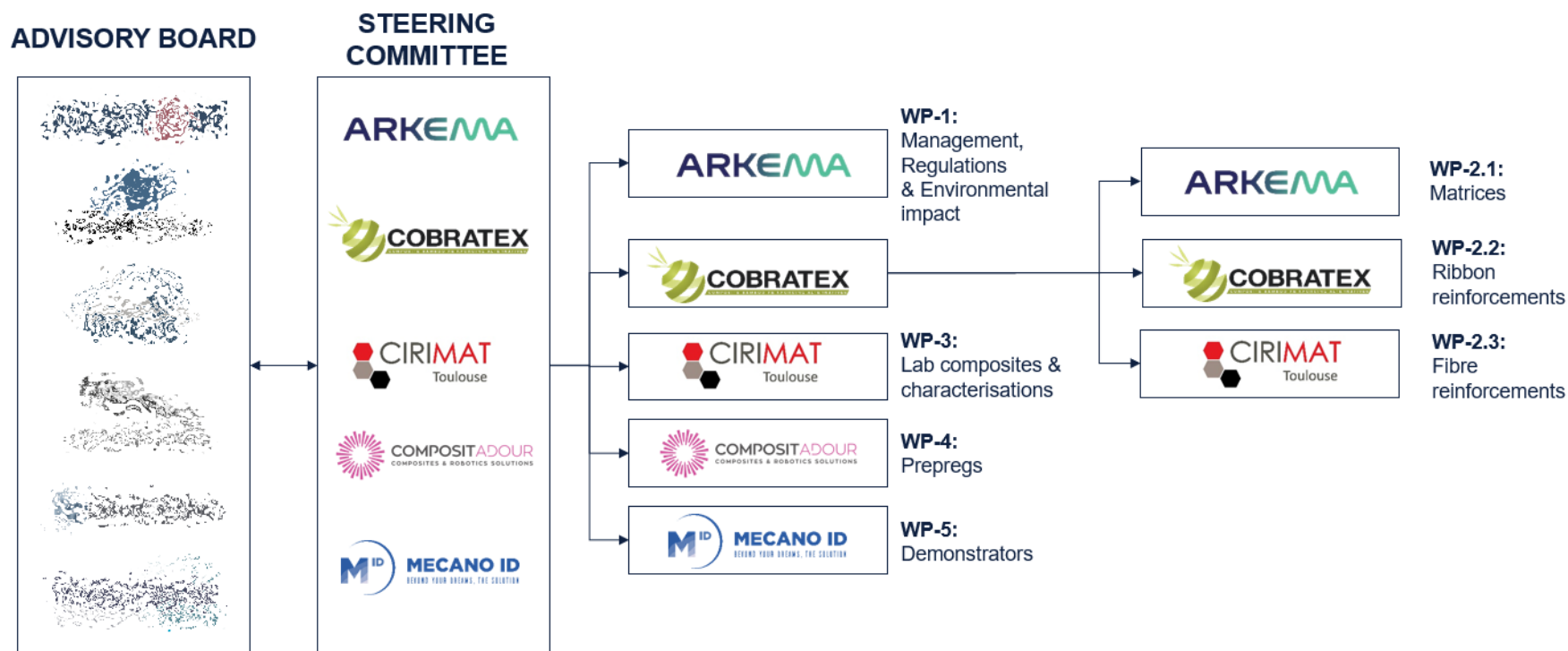
AWARDS FOR EXCELLENCE

2.5 

MILLION EUROS RAISED & INVESTED

BAMCO : « *BAMBOO REINFORCED BIOBASED MATRIX COMPOSITES* »

- ✓ BAMCO-1: : **2,6M€** ; 2018 => 2022 ; Finalised & **successful**
 - **New 100% biobased** bamboo TP & TD composites development
- ✓ BAMCO-2 : **3,9M€** Labelled Aerospace Valley & Bioeconomy For Change Clusters ; KOM 11/2023 ; in progress
 - **Accelerate market penetration**







INDUSTRIALISATION

- **INCREASE PRODUCTION CAPABILITY**
- **ANSWER MARKET DEMAND**
- **ROLL OUT DEVELOPMENT PLAN**
- **LAUNCH SIGNIFICANT BUSINESS**
- **ACHIEVE PROFITABILITY**

NEED OF INDUSTRIAL INVESTORS



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