

# Global Overview

3A Composites Core Materials

# Schweiter – 3A Composites Group

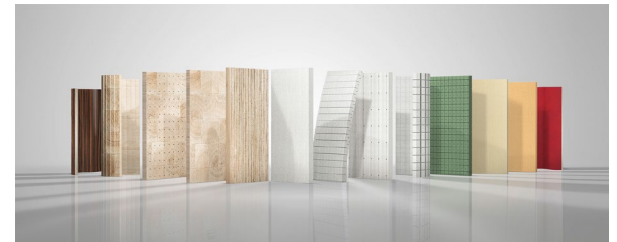
Schweiter Technologies



2019

Revenues: CHF 1'179

Employees: 4'185



# Stronger, lighter, greener future

We are made of passion and perseverance; we create new products, which are stronger, lighter and greener to the core. We are emphatic to people we work with, that is why we take interest in the communities we work in. We care about our employees, who work for us all over the world, and their families. We are ecological, our aim is to create green products that help our customers to become more energy efficient and positively impact the environment.

Our products are lightweight and strong, impacting the greener future, some are created from balsa wood we planted and some from recyclable plastic (PET). Our products have a goal and that is to create a stronger, lighter and greener future. We aim to inspire others – individuals and companies.

This is what we are made of.

**75** YEARS OF EXPERIENCE



GLOBAL FOOTPRINT  
IN SUSTAINABLE  
CORE MATERIALS



**1,684** No.  
OF EMPLOYEES

**13,250**  
ha. **FSC®**  
OF CERTIFIED  
PLANTATIONS



FREE EDUCATION FOR  
OVER 50 PRESCHOOL  
KIDS IN PAPUA  
NEW GUINEA



**ca.**  
**2 MILLION**  
TREES PLANTED A YEAR



**BALTEK® SBC**  
THE FIRST CARBON  
NEUTRAL CORE MATERIAL  
IN THE WORLD



**27–29 m**  
IT TAKES 4–5 YEARS  
FOR A BALSA TREE  
TO GROW THAT HIGH



36% RESIN UPTAKE  
SAVING THANKS  
TO PET SEALX

# 3A Composites – A global player with strong brands

- 3A Composites is a leading Group owned by the Swiss based Schweiter Technologies with a global footprint and strong brands in the composite, fitness and visual communication markets.
- 3A Composites is engaged in developing, manufacturing and commercializing advanced technologies in lightweight solutions. Different materials such as aluminum, paper, polymers and balsa wood are converted in to weight optimized core materials, composite panels and soft foams.



# 3A Composites – Market Segments



**CORE MATERIALS**

**DISPLAY**

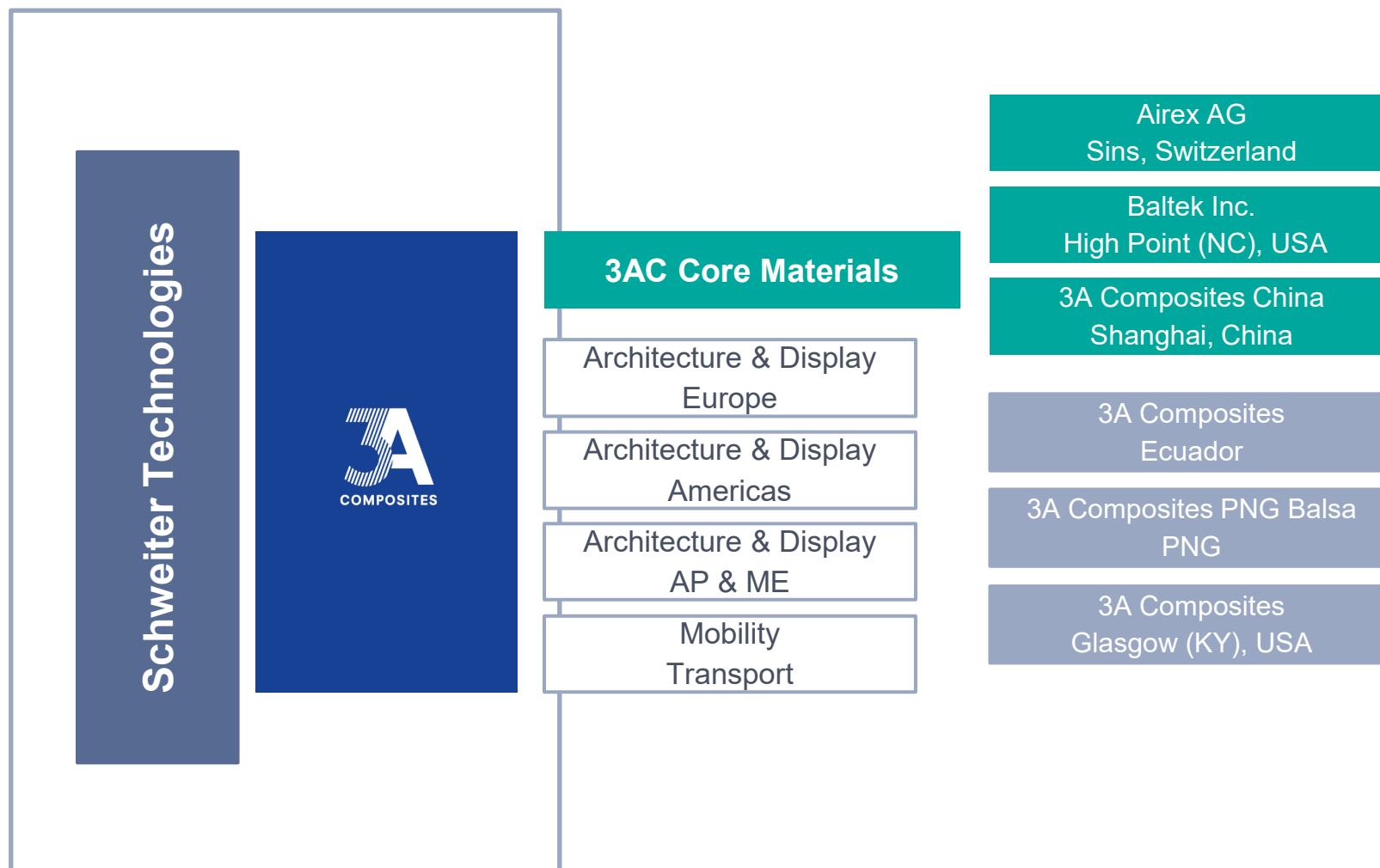


**ARCHITECTURE**

**TRANSPORT**



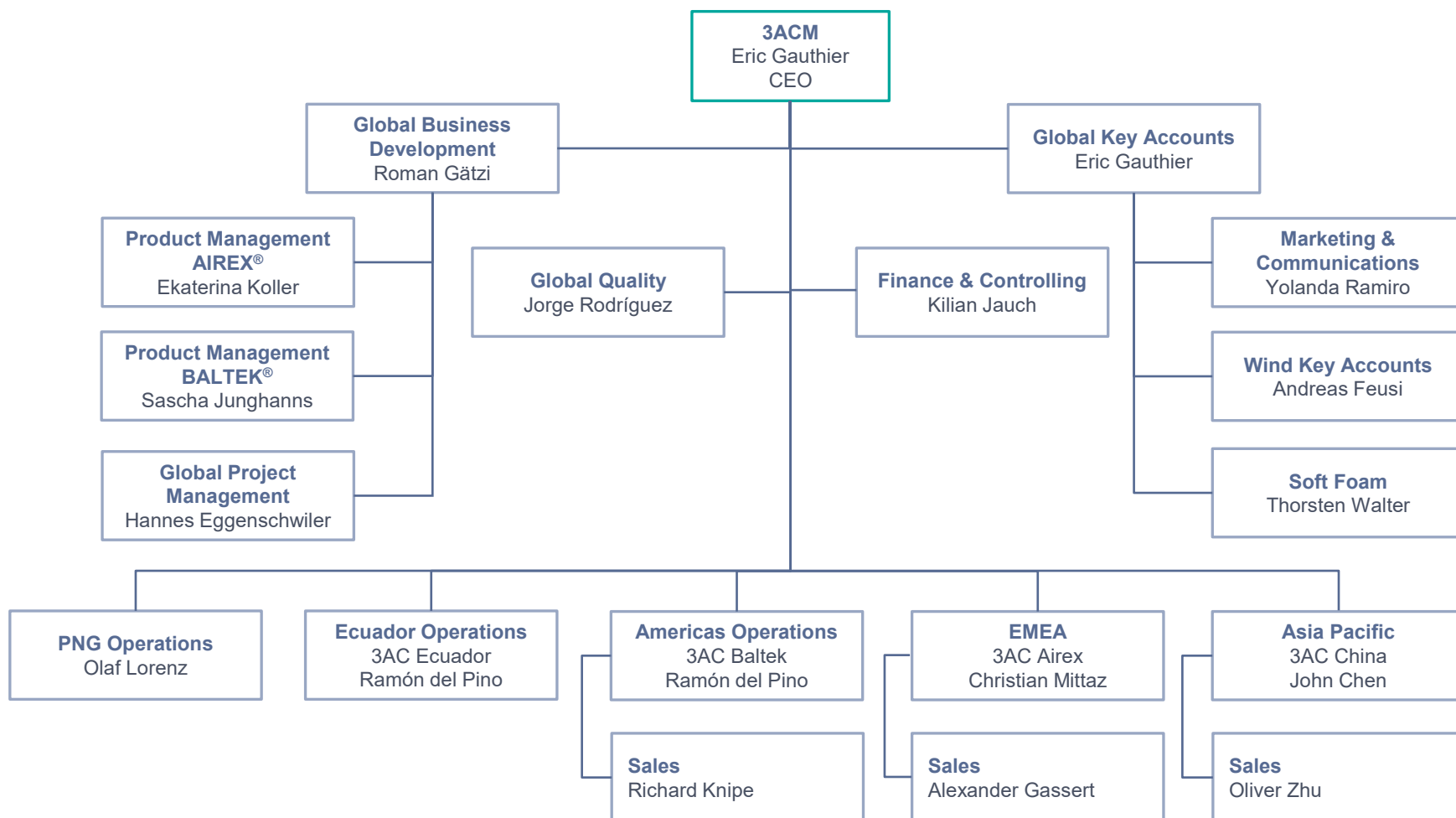
# 3A Composites – Group Structure



# Schweiter – 3A Composites Group



# Organization 3A Composites Core Materials



# 3A Composites Core Materials – Market Approach

## Tailored solutions for

Architecture



Road



Aerospace



Marine

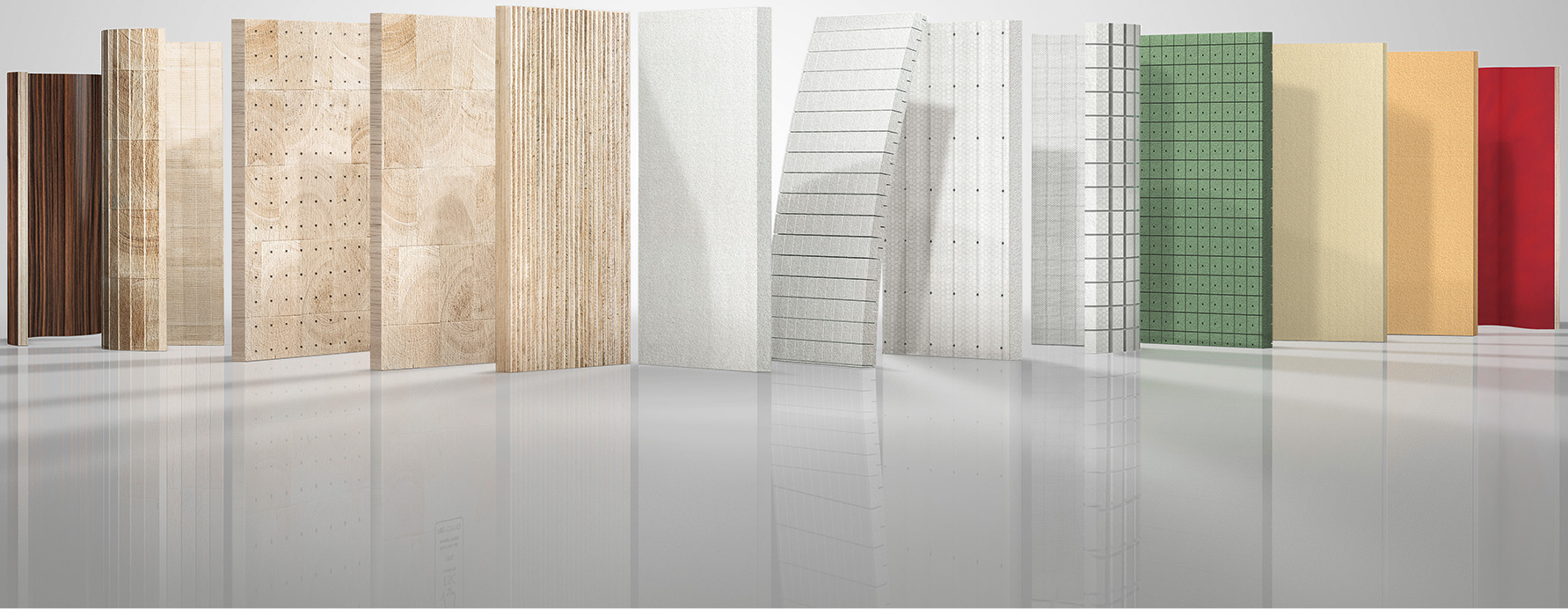


Wind energy



Rail

For more than 75 years our  
focus and driving force has  
been developing high-quality  
core materials of superior  
durability and performance.



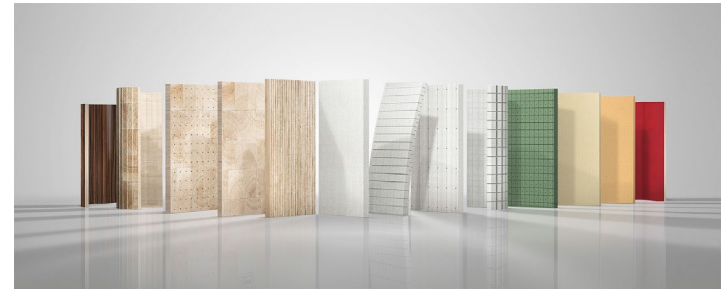
# 3A Composites Core materials

## The broadest selection of Core Materials worldwide

- The perfect product solution for every single customer requirement:

### Structural foam core materials

- AIREX® R82 – High Performance Foam
- AIREX® TegraCore™ – Fire Performance Structural Lightweight Foam
- AIREX® T10 – Premium Structural Foam
- AIREX® T90 – Fire Retardant Structural Foam
- AIREX® T92 – Easy Processing Structural Foam
- AIREX® C70 – Lightweight Structural Foam
- AIREX® PX – Fibre-Reinforced Structural Foam Panel



### Structural balsa core materials

- BALTEK® SB – Select Grade Structural Balsa
- BALTEK® SBC – Plantation Controlled Structural Balsa for Infusion
- BALTEK® VBC – Oriented Grain Structural Balsa

# 3A Composites Core Materials AIREX®/ BALTEK®

## The right core material

We offer you the whole range to satisfy every need

### Universal Cores

#### PET

AIREX® T90      AIREX® T10  
AIREX® T92

- Good FST and fatigue
- Easy processing
- High temp. resistance
- Recyclable

#### Balsa

BALTEK® SB  
BALTEK® SBC

- Extremely stiff and strong
- Good FST
- High temp. resistance

#### PVC

AIREX® C70

- Good mechanical props. vs. density
- Good impact resistance

### Special Cores

**AIREX® R82 → outstanding FST and dielectric properties**

**AIREX® TegraCore™ → outstanding FST and lightweight performance**

**AIREX® PX → for very high loads & standalone applications**

**BALTEK® VBC → for high performance solutions**

Everything we do — from building play-schools in Papua New Guinea to helping elderly in China, from manufacturing core materials for wind turbine blades to protecting water courses in Ecuador — we try to make a positive impact in the community.



# 3A Composites Core Materials USPs

## Best total cost of Ownership Hybrid Core Concept®

- Most extensive product range
- Optimized solutions regarding weight, cost and sustainability
- One-stop-shopping



## Globally Present

- Own subsidiaries or local distribution and conversion partners
- Adapted to the specific local requirements and circumstances



## DRIVEN by ECO-LOGIC®

- Our products are making the world lighter and therefore a little bit greener
- We are fully committed to the principles of FSC®
- We are dedicated to our environmental and social responsibility



## Successfully innovative

- Focus on innovation with im@c®
- Wide product range
- Strong R&D, testing and lab facilities
- Decentralized innovations cells



# Stronger, Lighter, Greener Future

[3ACcorematerials.com](https://3ACcorematerials.com)