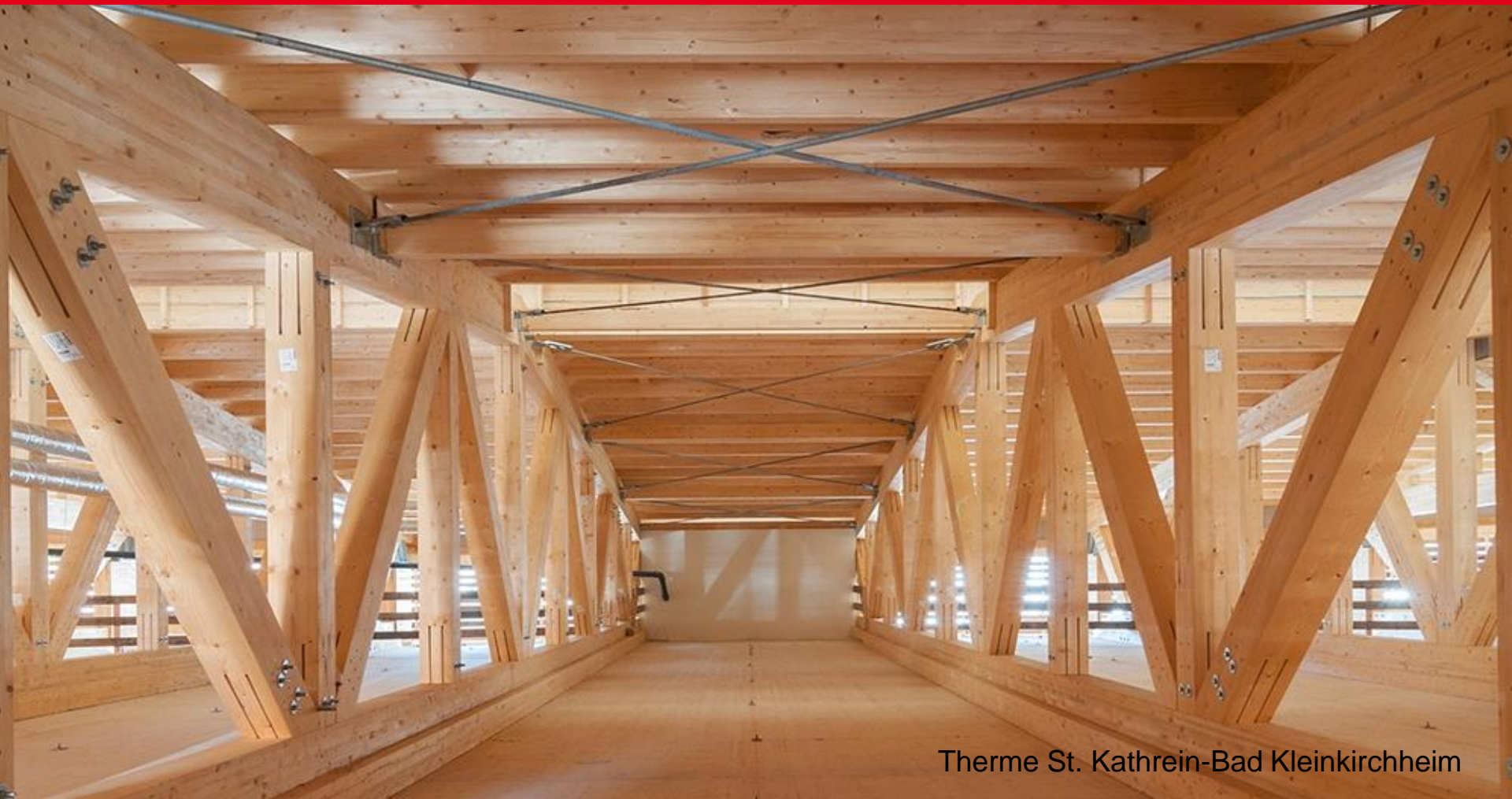


# WOOD CONSTRUCTION

A high tech component  
with multiple advantages

Anton Wanas



Therme St. Kathrein-Bad Kleinkirchheim



Mariazellerbahn-Laubenbachmühle



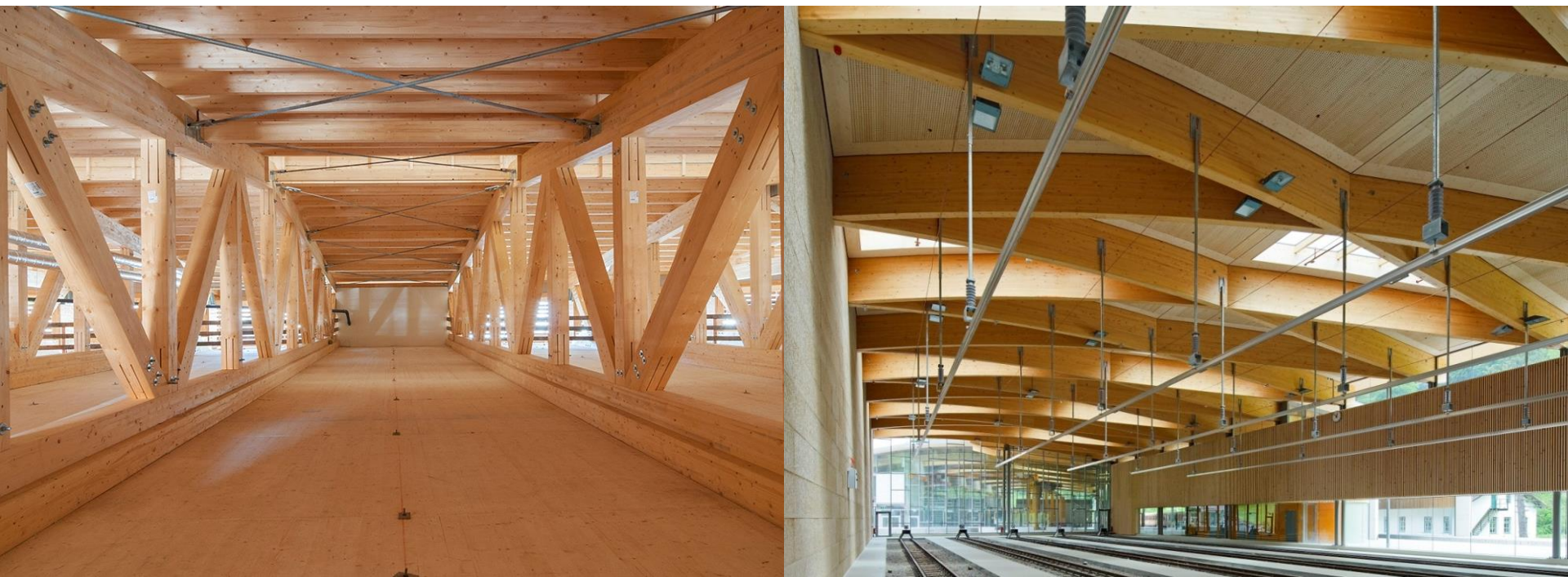
Aquaworld Budapest

A high tech component  
with multiple advantages



What does make timber a high tech component ?

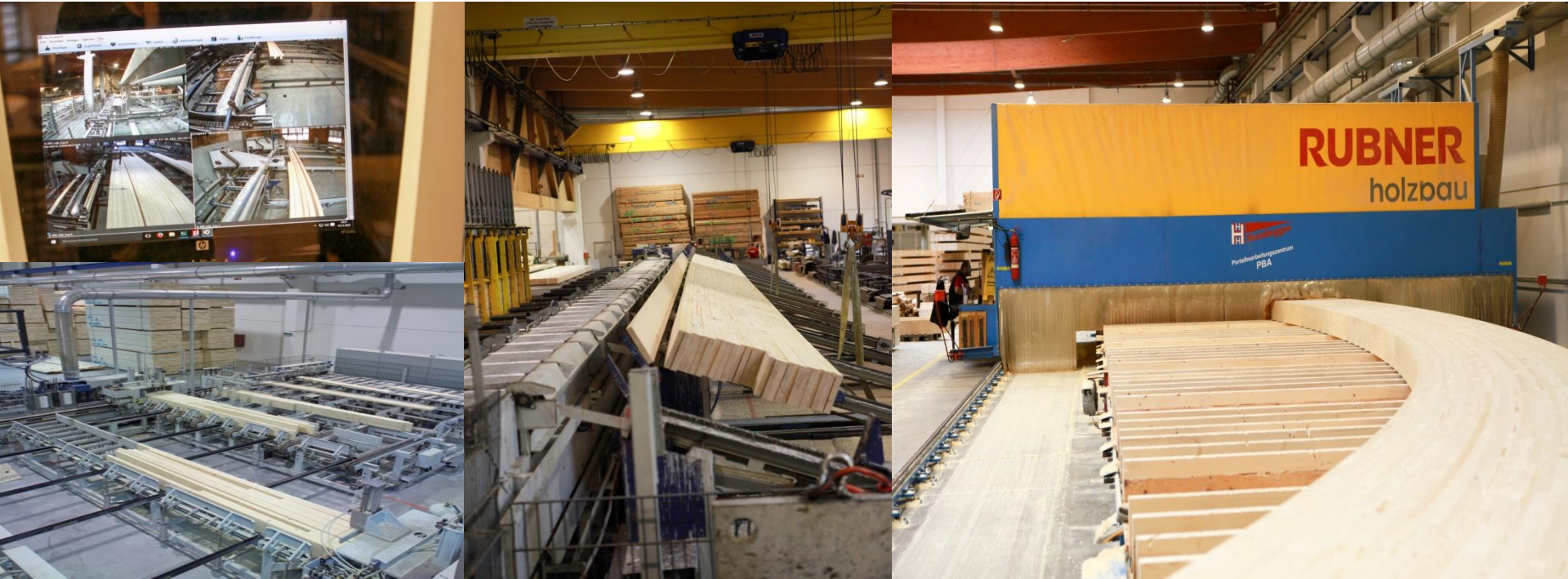
Where are the advantages ?



## Timber has a very long tradition in Austria



# Automatisation, Digitalisation, CNC technology

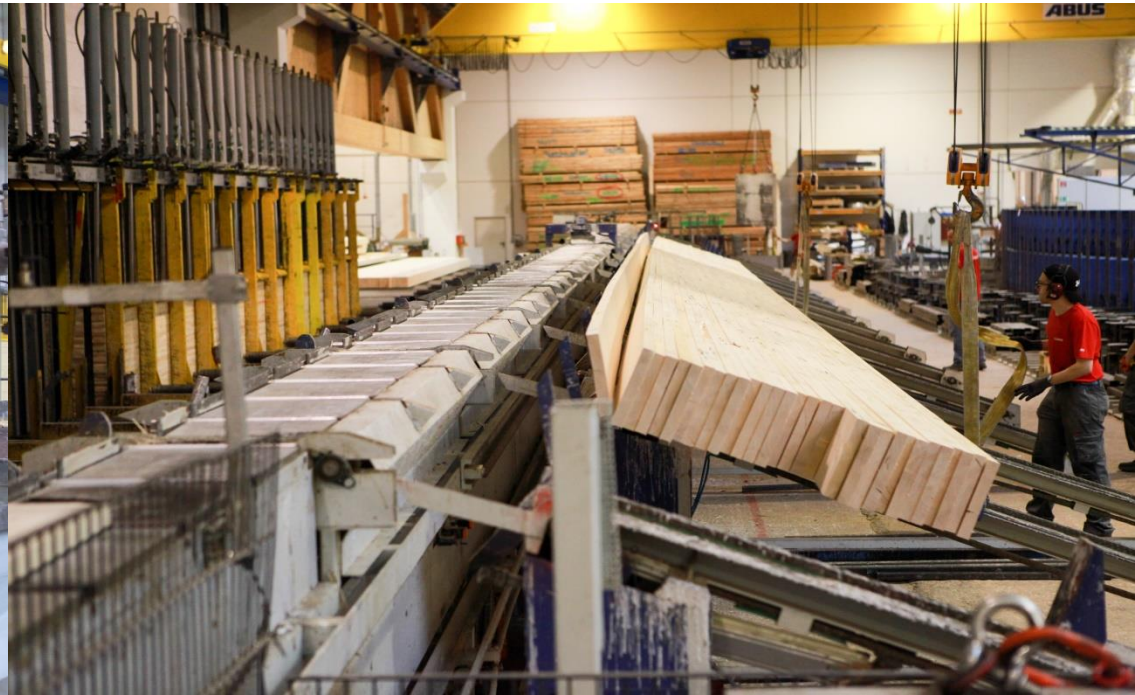
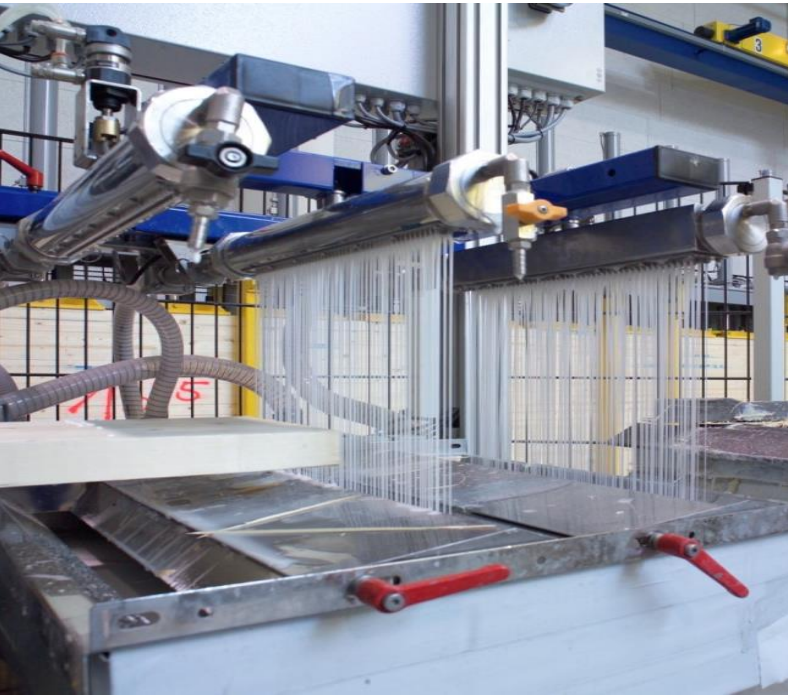


# Industrial manufacturing according EN Codes



**ÖNORM**  
**EN 14080**

Edition: 2013-08-01



# Structural Design according EN codes



**ÖNORM**  
**EN 1995-1-1**

Edition: 2015-06-15

## **Eurocode 5: Design of timber structures**

### **Part 1-1: General — Common rules and rules for buildings**

(consolidated version)

Eurocode 5: Bemessung und Konstruktion von Holzbauten —  
Teil 1-1: Allgemeines — Allgemeine Regeln und Regeln für den Hochbau  
(konsolidierte Fassung)

Eurocode 5: Conception et calcul des structures en bois —  
Partie 1-1 : Généralités — Règles communes et règles pour les bâtiments  
(version consolidée)

**Availability:** 48% of area (Austria)

**Sustainability:** 1m<sup>3</sup> timber = 1ton CO<sub>2</sub>



Industrial manufactured product

Beyond the limits of natural grown timber

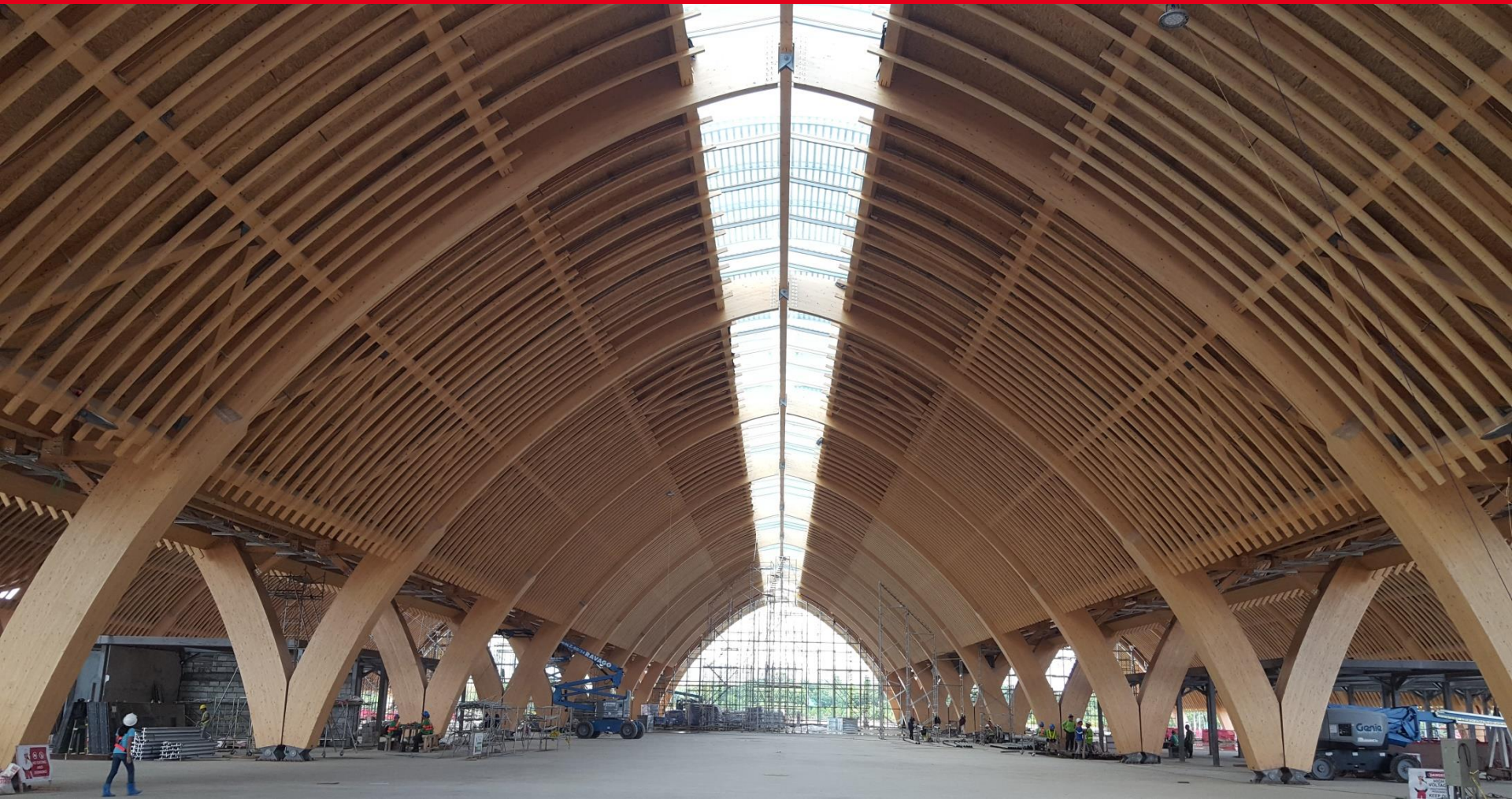
Sustainable Material

Reducing CO<sub>2</sub> emission



# MACTAN CEBU AIRPORT





# Transport

## 40` container is not the limit !













Astrachan Sporthalle - Russland



Mission KwaSizabantu –Süd Afrika

YOUR  
TIMBER CONSTRUCTION PARTNER

**RUBNER**  
holzbau



THANK YOU  
FOR YOUR ATTENTION



**RUBNER**  
holzbau