



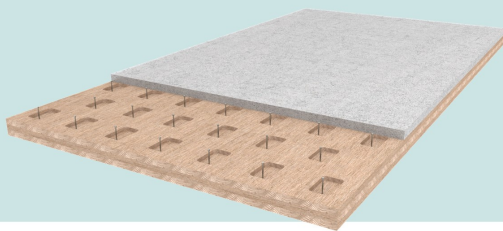
LIFE TIMBER FOR ALL



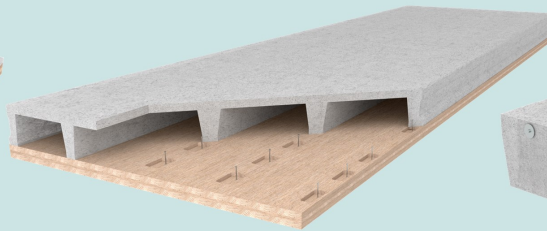
life-tfa.pemade.es

LIFE TIMBER FOR ALL reduces carbon emissions in the building sector through the use of a new family of innovative structural systems based on timber and concrete:

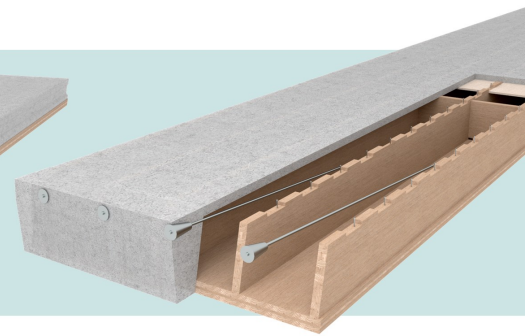
ROD-TCC STRUCTURAL SYSTEMS



ROD-COMPACT
Spans 5-7 m



ROD-ALVEO
Spans 6-10 m



ROD-BOX & ROD-BOX TENS
Spans 8-18 m

THE LIFE TIMBER FOR ALL PROJECT

DECARBONISATION OF CONCRETE

REDUCING THE CARBON FOOTPRINT OF CONCRETE USED IN CONSTRUCTION



Through **biomass ash**, we will reduce the use of raw materials and cement.

DEVELOPMENT OF TIMBER-CONCRETE COMPOSITE STRUCTURAL SYSTEMS

CREATING INNOVATIVE AND SUSTAINABLE STRUCTURAL SOLUTIONS



Design and development of **ROD-TCC structural systems**, using local timber from sustainable forest management.

PRODUCT CERTIFICATION, SAFETY AND TRANSPARENCY

GUARANTEEING THE TECHNICAL AND ENVIRONMENTAL QUALITY OF ROD-TCC STRUCTURAL SYSTEMS

CE marking. Life Cycle Analysis.

Ensuring the traceability of materials through the **digital product passport**.
Generation of **carbon credits** in the value chain: from the forest to the building.



New
European
Bauhaus

DEMONSTRATION AND PROMOTION OF THE NEW EUROPEAN BAUHAUS

APPLYING THE PRINCIPLES OF SUSTAINABILITY, AESTHETICS AND INCLUSION

Design and construction of a **demonstration building** with ROD-TCC products.



MARKETING AND REPLICABILITY OF ROD-TCC SYSTEMS

BRINGING THE DEVELOPED SOLUTIONS TO MARKET

Marketing strategy and promotion of **green purchasing** in both the public and private sectors. Positioning **local and sustainable timber** as a key element. **Replication** of building systems in other markets and regions.



Co-funded by
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