

Typha-Board



Market launch of the innovative and sustainable building material Typha-Board

The Project

- **Problem:** No building materials exist that are suitable for simple construction methods while meeting all construction requirements in one product. Current building materials still have a high carbon footprint, are difficult to recycle.
- **Solution:** Typha board has a unique combination of high strength and insulating properties, and also offers excellent moisture and fire protection as well as good recyclability. The raw material cattail can be harvested annually on moorland and already offers enormous environmental benefits when cultivated.
- **Market:** Construction industry (new buildings and renovations)
- **Fraunhofer technology:** know-how of renewable building materials, patent "Typha-Board"

The Team

Location: IBP / Valley / Stuttgart

Members: Martin Krus (IBP), Tom Scharf (founder), Wim Schiller (founder), Werner Theuerkorn (external)

AHEAD Infos Batch: 1 & 2023 Phase: 1 Track: Spin-Off

The Business Model

Unique Selling Proposition:

Product made with minimal use of energy from renewable raw material, which due to its properties allows simple and inexpensive construction.

Unfair Advantage:

- Access to unique know-how built up over the long term
- Patent-protected process and product

Revenue Model:

Production & Sales & Licensing

Venture Readiness Level



Technology Readiness Level



The Side Facts

Customer Focus: B2B

Searching For:

Pilot Customer, Agricultural Experts, suitable growing areas, Manufacturing Experts

Industry Tags:

Construction & Materials, Materials

Technology Tags:

Circular economy, new materials, agriculture innovation, zero waste