

 Early Warning System

EIB-20250172

TECHEU VD HXW CIRCULAR BUILDING MATERIALS (GT2)



Quick Facts

Countries	Germany
Specific Location	Kriebstein
Financial Institutions	European Investment Bank (EIB)
Status	Approved
Bank Risk Rating	U
Voting Date	2025-11-24
Borrower	Honext Material S.L., WEPA Circle GmbH
Sectors	Industry and Trade
Investment Type(s)	Loan
Investment Amount (USD)	\$ 25.34 million
Project Cost (USD)	\$ 67.97 million



Project Description

According to the Bank's website, the project will finance the construction of a first of a kind manufacturing facility of circular fibreboards using 100% recycled cellulose fibres at a brownfield site in Kriebstein (Germany).

The aim is to contribute to the circularity in the construction industry by manufacturing non-toxic, recyclable boards by upcycling industrial fibres streams into a circular building material.

The company has developed proprietary, patented technology that transforms industrial fibre waste into high-performance, fire-retardant, lightweight fibreboards. The innovative fibreboards will be composed 100% of recycled fibres, thereby eliminating the need for virgin wood materials. The production process uses biotechnology to create natural bonds between the cellulose fibres and benefits from higher energy efficiency in the drying process, comparable to state-of-the-art Medium Density Fibreboard (MDF) production. The company's fibreboards can be recycled at the end of their life cycle, contributing to a closed-loop production model, and are expected to have a negative carbon footprint.



Early Warning System Project Analysis

According to the Environmental and Social Data Sheet, a preliminary environmental impact study concluded that considering the project scope and design, an EIA should not be required from the environmental expert's perspective. The Promoter has filed the documents for issuance of the environmental permit by the competent environmental authority which is expected in January 2026.

With the planned annual production volume of 30 000 m³, the absolute emissions of the new plant are estimated at 16,400 tons of CO₂ equivalent. The relative emissions are insignificant, compared to a baseline consisting of the production of medium dense fibreboards (16,300 tons of CO₂ equivalent).

Based on the environment, climate and social (ECS) information the project is deemed to have low residual ECS risks and impacts.



Investment Description

- European Investment Bank (EIB)



Private Actors Description

HONEXT is an innovative company manufacturing fully recyclable boards, using 100% waste as raw material, making the product Circular by design.

WEPA Circle GmbH is a subsidiary of the WEPA Group focused on circular economy solutions and sustainable hygiene services, transforming used paper towels from companies into new raw materials for hygiene and promoting the reuse of recycled fibers. WEPA Hygieneprodukte GmbH is the leading European manufacturer of toilet paper and hygiene solutions, with a strong emphasis on sustainability and innovation.



Private Actor 1	Private Actor 1 Role	Private Actor 1 Sector	Relation	Private Actor 2	Private Actor 2 Role	Private Actor 2 Sector
-	-	-	-	Honext Material S.L.	Client	-
-	-	-	-	WEPA Circle GmbH	Client	-



Contact Information

No contacts available at the time of disclosure.

ACCESS TO INFORMATION

You can submit an information request for project information at: <https://www.eib.org/en/infocentre/registers/request-form/request-form-default.htm>

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Bank Documents

- [26/11/2025 ESDS-TECHEU VD HXW CIRCULAR BUILDING MATERIALS \(GT2\)](#)



Other Related Projects

- EIB-20230701 THEMATIC GREEN TRANSITION (IEU VD & DEBT) LE II