

Upcycling fibre waste for a circular future in the built environment.

**HONEXT®**

Do you want to know more about Honext?  
Find the latest information on [honextmaterial.com](http://honextmaterial.com)

HONEXT® boards  
offer a certified  
circular alternative for  
building materials.





# Challenges for the built environment.

The built environment is a primary consumer of four of the five materials that account for 55% of the world's industrial carbon emissions. Additionally, it generates approximately one-third of all waste and accounts for about half of all extracted materials and energy consumption, as well as about a third of our water consumption.\* To reduce these emissions, the sector needs to embrace the principles of a circular economy.

\*Source: EUR-Lex - 52014DC0445 - EN

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# Waste as an untapped resource.

We must rethink waste and acknowledge its potential. We propose a shift in perspective: embracing end-of-life products not as waste, but as an untapped resource. In 2021, the global Pulp and Paper industry estimated that more than 7 million tons of paper sludge needed to be disposed of, with the majority of this going to landfill or incineration.

## A CIRCULAR SOLUTION

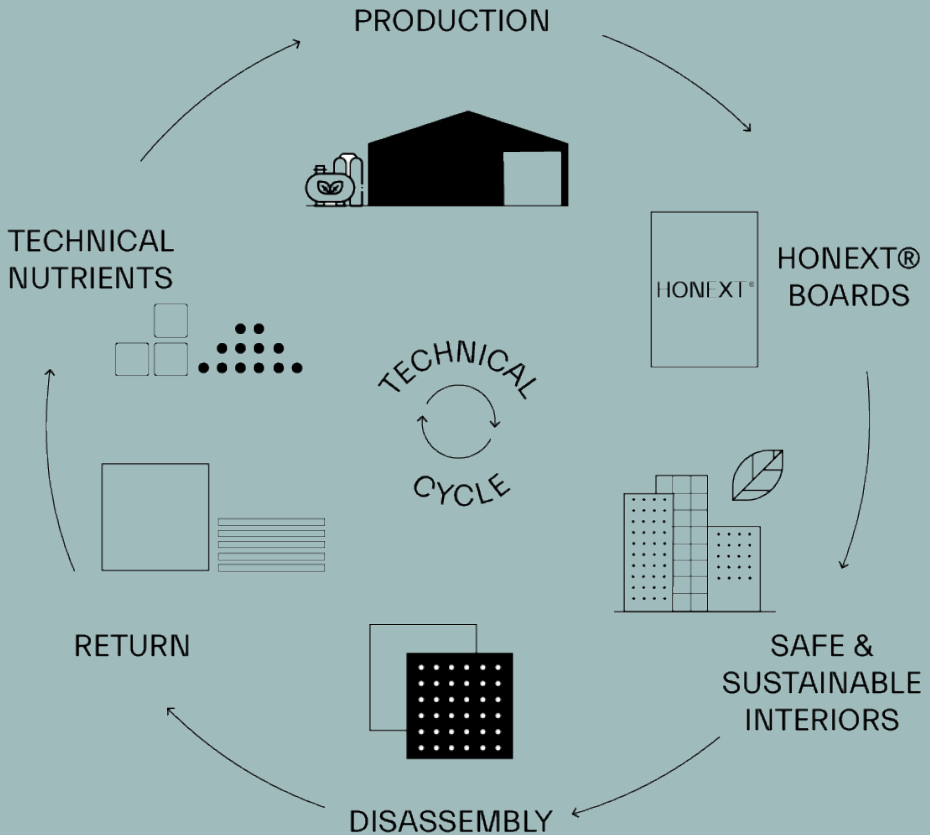


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# Industrial application of bio-science.

We upcycle industrial fibres through a circular certified HONEXT® Process, which is bio-based, zero-waste and resin-free. By reinforcing and protecting the bonds between residual fibres, we create fully recyclable, non-toxic boards. Once our material reaches the end of its life after many years of use, the cycle starts again.

# OUR VISION





# Upcycled industrial fibres



HONEXT® use both paper sludge and OCC (old, corrugated cardboard) as well as other industrial fibres as the raw material base.

# Resin-free, bio-based process



Thanks to our research, our industrial patent process allows us to generate stronger bindings between cellulose fibres with no need for added resins.

Our boards are  
flame-retardant,  
safe for humans and  
the environment.

The HONEXT FR-B board is Euroclass B-s1, d0 rated, without the use of any toxic chemicals, making it a perfect choice for e.g. decorative wall cladding or acoustic panels in public spaces.

FR-C has the same excellent properties, but rated Euroclass C-s1, d0. Manufactured and designed for additional processing.

For more information and where to buy,  
please go to [honextmaterial.com](https://honextmaterial.com)



# THE HONEXT® BOARD

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The HONEXT® board has the following features:



Certified circular by design, it can be recycled after use.



Flame-retardant (FR-B and FR-C available) and non-toxic, with no formaldehyde nor VOCs added.



Low-emissions and certified for material health, making it safe for both humans and the planet.



Suitable for creating healthy interior environments in a range of settings, including public buildings, workplaces, hospitality venues, healthcare facilities, and educational institutions.



Manufactured and designed for additional processing. It can be cut, glued, drilled, and laminated.



Lightweight and flexible, making it ideal for complex design work.



Low thermal conductivity.



Breathable, helping to regulate indoor humidity.



Sound absorbent.



# THE HONEXT® BOARD



# Building safe and healthy environments.

HONEXT® boards are truly circular, with competitive mechanical properties suitable for application in the interior built environment. They are a real alternative to current building materials, providing low-emission and healthy interiors for public spaces. Explore their multiple applications for decorative wall cladding, acoustic solutions, flooring, partitioning, and furniture.



## APPLICATIONS



## ACOUSTIC SOLUTIONS



Contractor: **Grupo Construc a**

Application: **Acoustic Panel**

Area: **300 m<sup>2</sup>**



## OFFICES & FUNCTIONAL SPACES



Workspaces at Grupo Construc a, Barcelona,



## WALL CLADDING



Contractor: **Grupo Construcción**

Application: **Wall Cladding**

Area: **1000 m<sup>2</sup>**



## OFFICES & FUNCTIONAL SPACES



Co-Working Torre d'Ara, Badalona, Spain

## WALL CLADDING



Brand: **Stella McCartney**  
Application: **Wall Cladding**  
Area: **265 m<sup>2</sup>**



## RETAIL PROJECTS



Stella McCartney flagship store in Saudi Arabia

# FURNITURE



Brand: **ECOALF**

Architect: **Studio Urquiola**

Application: **Furniture**



## RETAIL PROJECTS



ECOALF flagship store, Milan, Italy

# FURNITURE



Designers: **Quality Craft Group**  
Application: **Furniture & Wall-cladding**



# FURNITURE



Quality Craft Furniture, Valencia, Spain

## PARTITION WALLS



Interior Designer: **Sylvain Carlet**

Application: **Exhibition**

Area: **435 m<sup>2</sup>**



## EXHIBITIONS



Expormim Stand at Salone del Mobile 2022 at Milan, Italy

Upcycling industrial fibres  
into circular materials  
locally, enabling the circular  
economy globally.



JOIN US