Bio-Circular Materials for the Wood Industry

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Inspirations II Mining & Farming & Materials Manufacturing Collection¹ **Biological Technical** Materials & Parts Manufacturer Biochemical Materials Materials Feedstock Recycle Product Manufacturer Soil Biosphere Restoration Refurbish & Retail & Service Provider Remanufacture Reuse & Redistribute Biogas Cascades 221.1 Maintain Anaerobic Digestion & Composting² Collection Collection Extraction of Biochemical Feedstock² **Energy Recovery** Leakage Landfill

Daika Wood utilize huge waste streams to create competitive high end wood products (Daika, Israel)







Daika Wood all-natural material composed of wood waste (Daika, Israel)



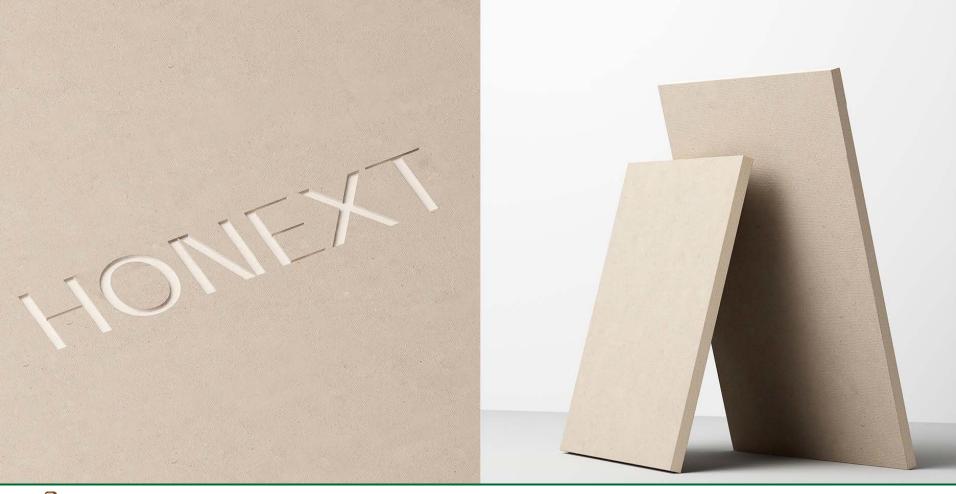
Circular fiber-boards without glue or resin post-consumer cellulose fibers, biodegradable, zero waste (Honext, Barcelona)





Nature-inspired enzymatic treatment generate stronger bindings between cellulose fibres (Honext, Barcelona)











Cocoboard
100% bio-based panel from coconut husk fibre and tannin (Naturloop, CH)





Cocoboard

low and medium density qualities (Naturloop, CH)









Fish scales as a raw material for architectural boards thermoplastic biopolymer in the structure of the scales (Erik de Laurens, London)





Scalite Interior Boards

100% made from fish scales, fire proof, biodegradable (Scale, France)





Seawood chemical-free fibreboards made from brown seaweed (Blueblocks, The Netherlands)



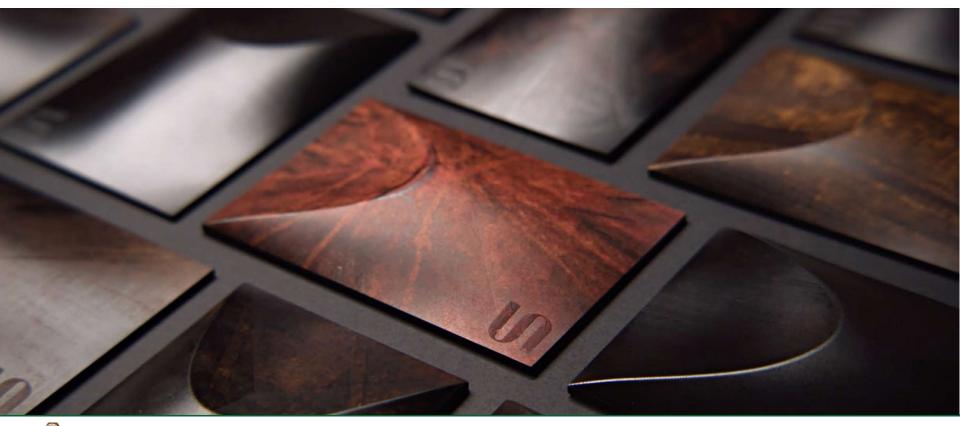


Seawood massive positive climate impact (Blueblocks, The Netherlands)





Advanced 3D cellulose fiber composite plastic free, hydrophobic, UV, weather and fire resistant (Papershell, Sweden)





Advanced 3D cellulose fiber composite achieve shapes that plastics & press moulded metal sheets can (Papershell, Sweden)







Thanks for your attention!

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