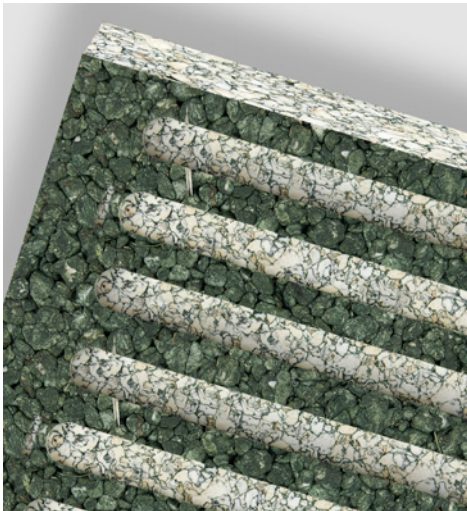
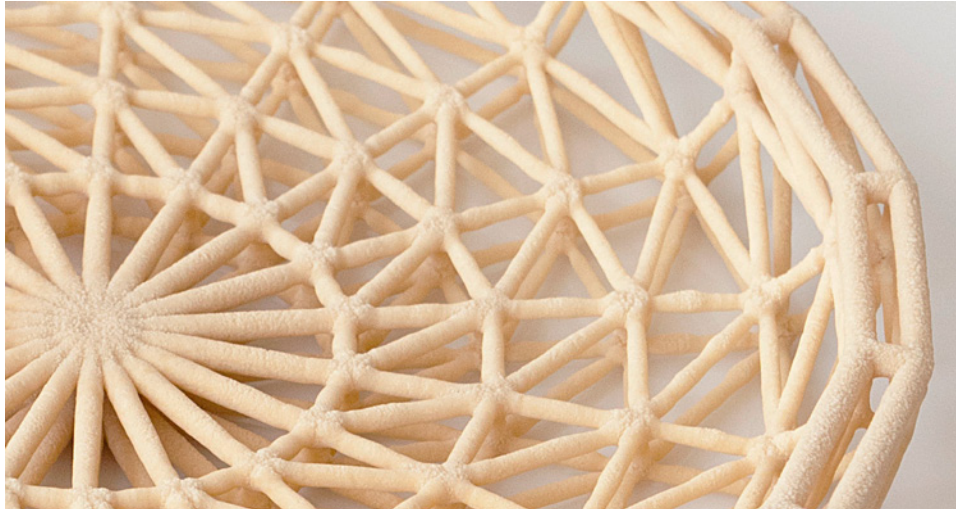


THE NEW MATERIALIST



EMERGING MATERIALS & REGENERATIVE PATHWAYS



WE ARE NEW MATERIALISTS

Not one day passes without a reminder that we must act to mitigate the effects of climate change.

Materials are the building block of our society and they are at the core of innovative circular economies forming.

As New Materialists, we help engaged brands in shifting their production models from linear value chain to regenerative & circular productive eco-systems.

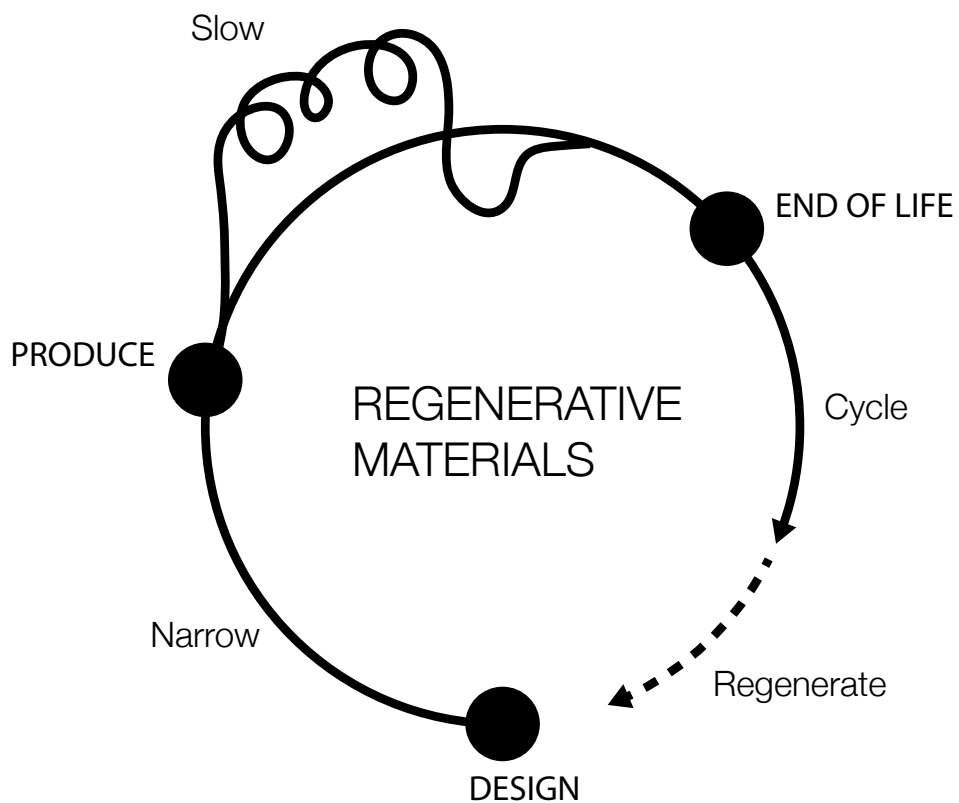


We design tailor-made materials, embracing the brand universe and narrative. We cater each link of the value chain transforming detrimental linear systems into regenerative circularity.

Thomas Vailly
Designer emerging materials

x

Baptiste Arribe
Engineer circular pathways



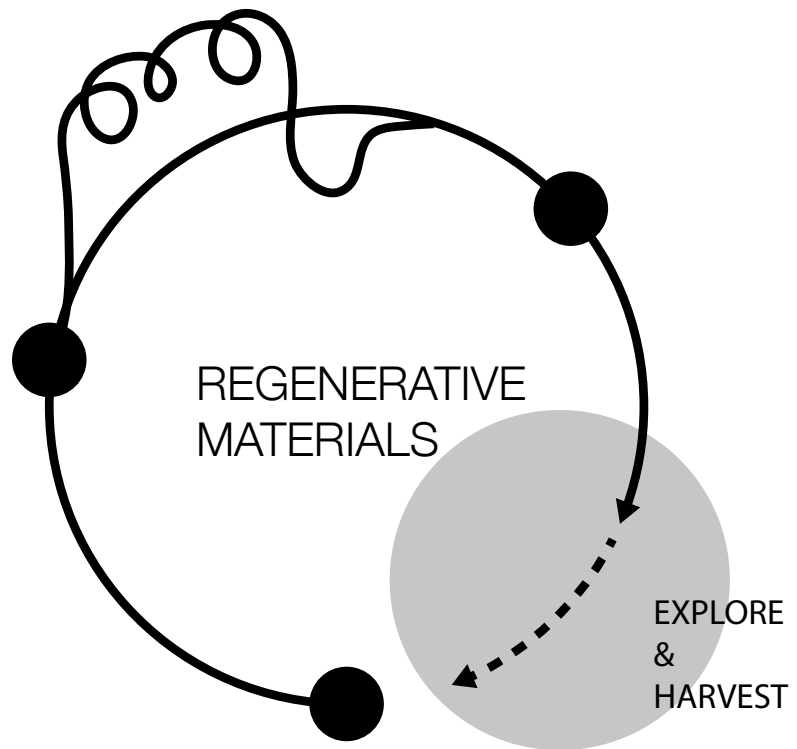
PATHWAY TO REGENERATIVE MATERIALS

Regenerative design aims to actively restore ecosystems, enhance climate conditions, and empower communities by integrating deep ecology, living system thinking, regenerative cultures, and circular design for planetary health, coexistence, and repair.



EXPLORE & HARVEST

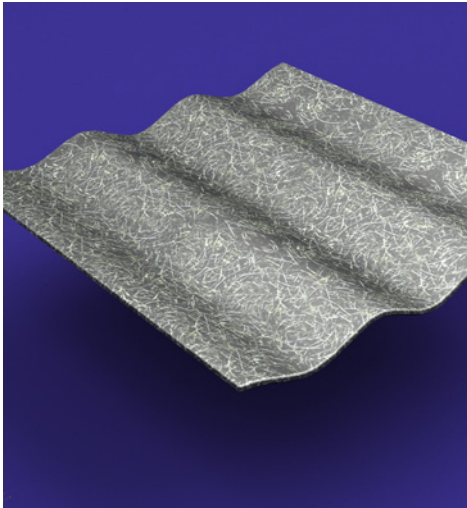
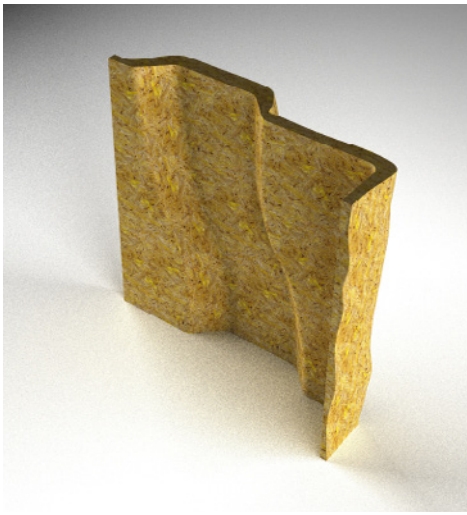
Target relevant bio-based resources, create custom bio-material samples, and develop pathways for regenerative circular production.



EXPLORE & HARVEST

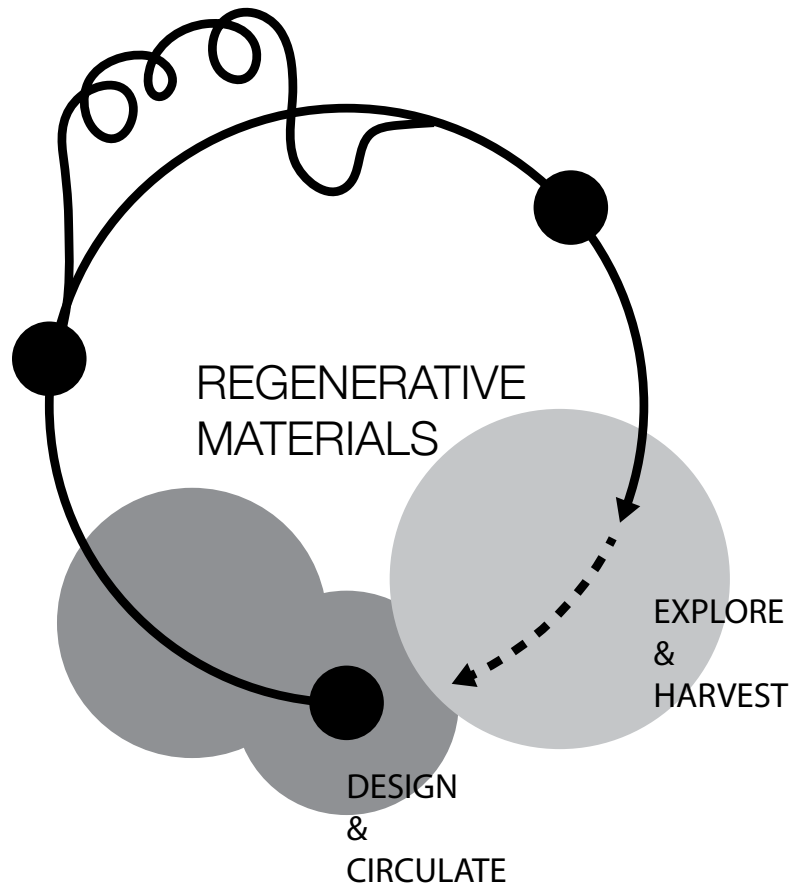
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THE NEW MATERIALIST



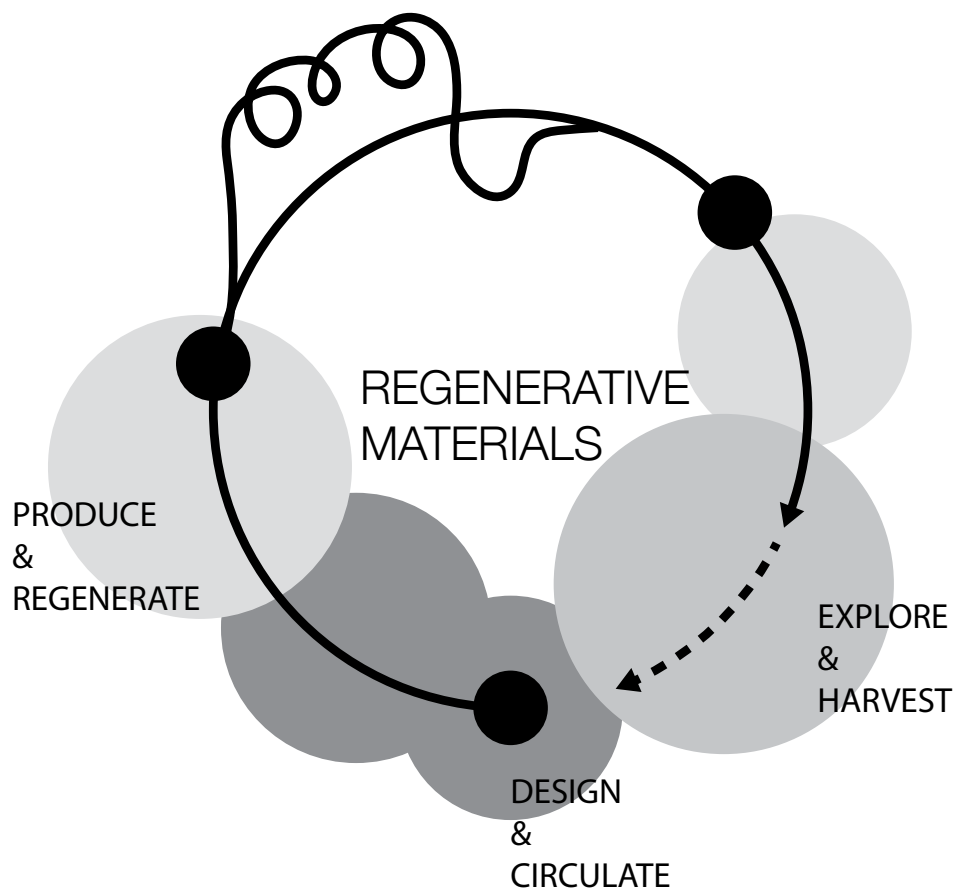
CO-DESIGN & INSPIRE

Collaborate on cross-disciplinary R&D, partner with design teams for product prototypes, fine-tune materials and processes, and assess and improve ecological footprints.



CO-DESIGN & INSPIRE

Collaborate on cross-disciplinary R&D, partner with design teams for product prototypes, fine-tune materials and processes, and assess and improve ecological footprints.



PRODUCE & REGENERATE

Identify value chain links, measure externalities, define targets, manage iterative improvement loops for eco-system growth, and secure key resources for sustainable system growth.

Le
MERIDIEN

LUMA FOUNDATION

Marriott

SEABOURN®

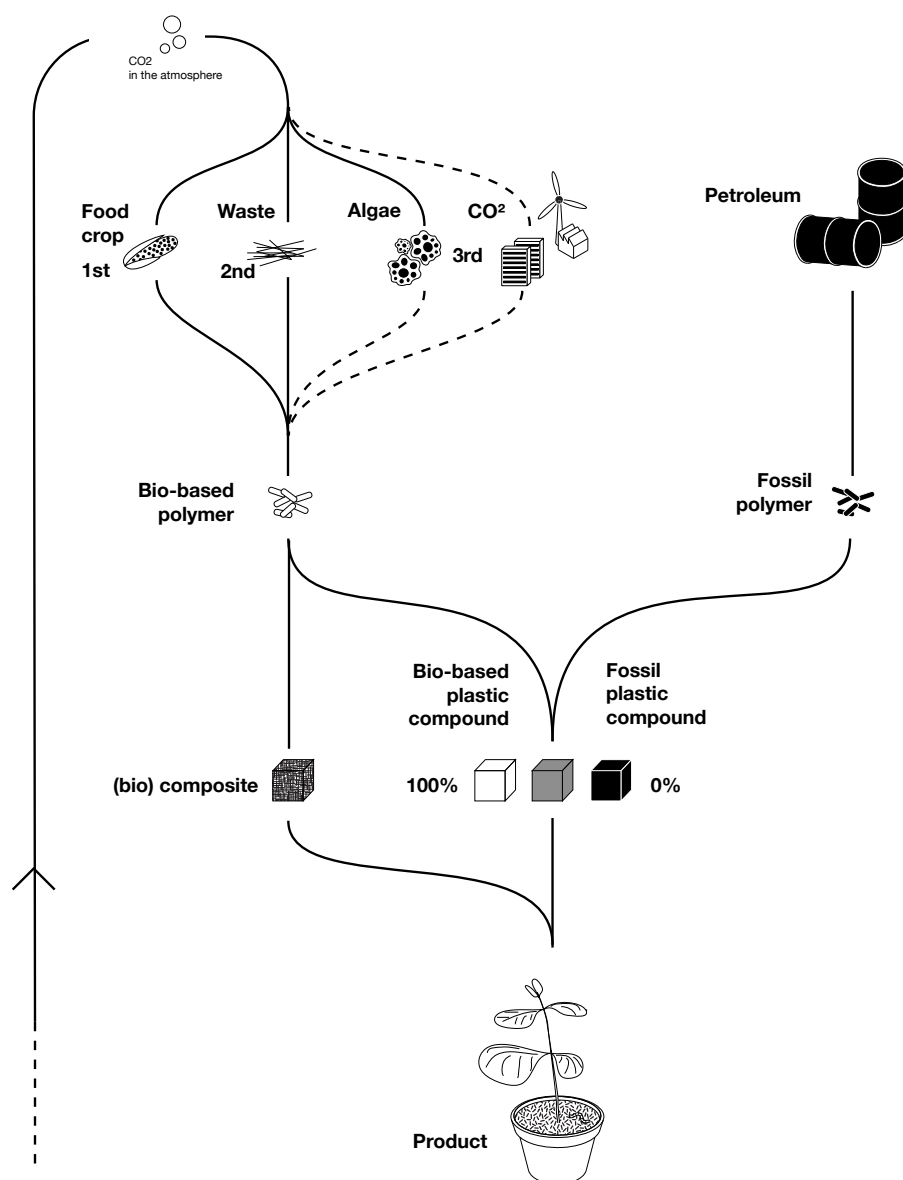
LANCÔME

elho®

Veuve Clicquot

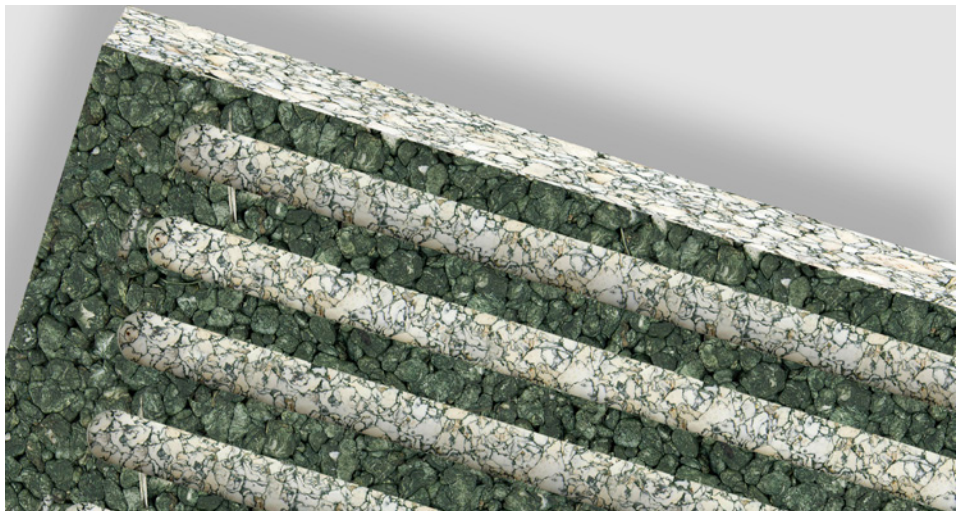
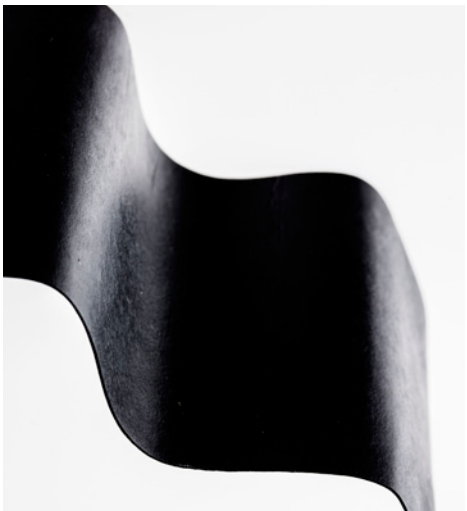


SEABUBBLES



KNOWLEDGE CREATION TOOLS FOR THE CIRCULAR ECONOMY

With our comprehensive material supplier database, insightful decision-making tools, and holistic system mapping, we empower you to embrace sustainable practices, optimize resource use, and foster circular innovation.



A SYSTEM OF BIOMATERIALS MADE FROM SUNFLOWER BY-PRODUCT

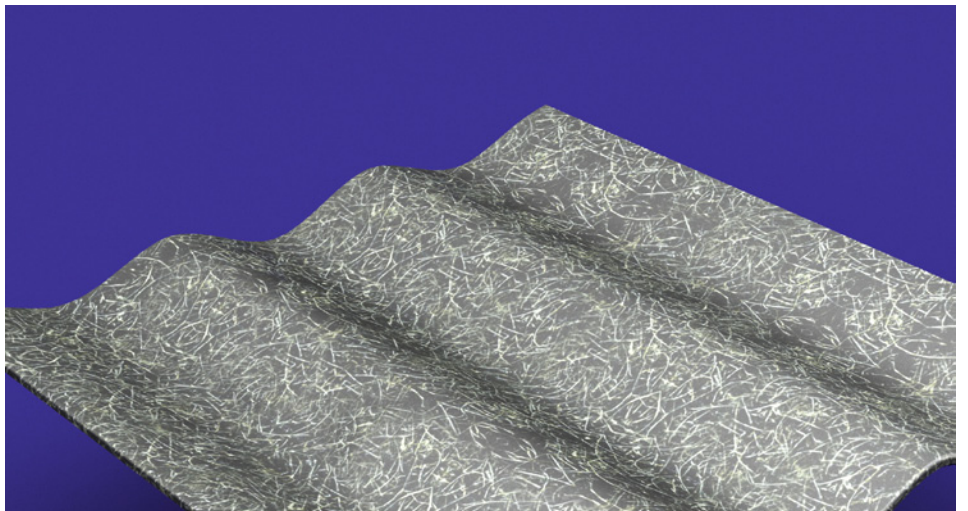
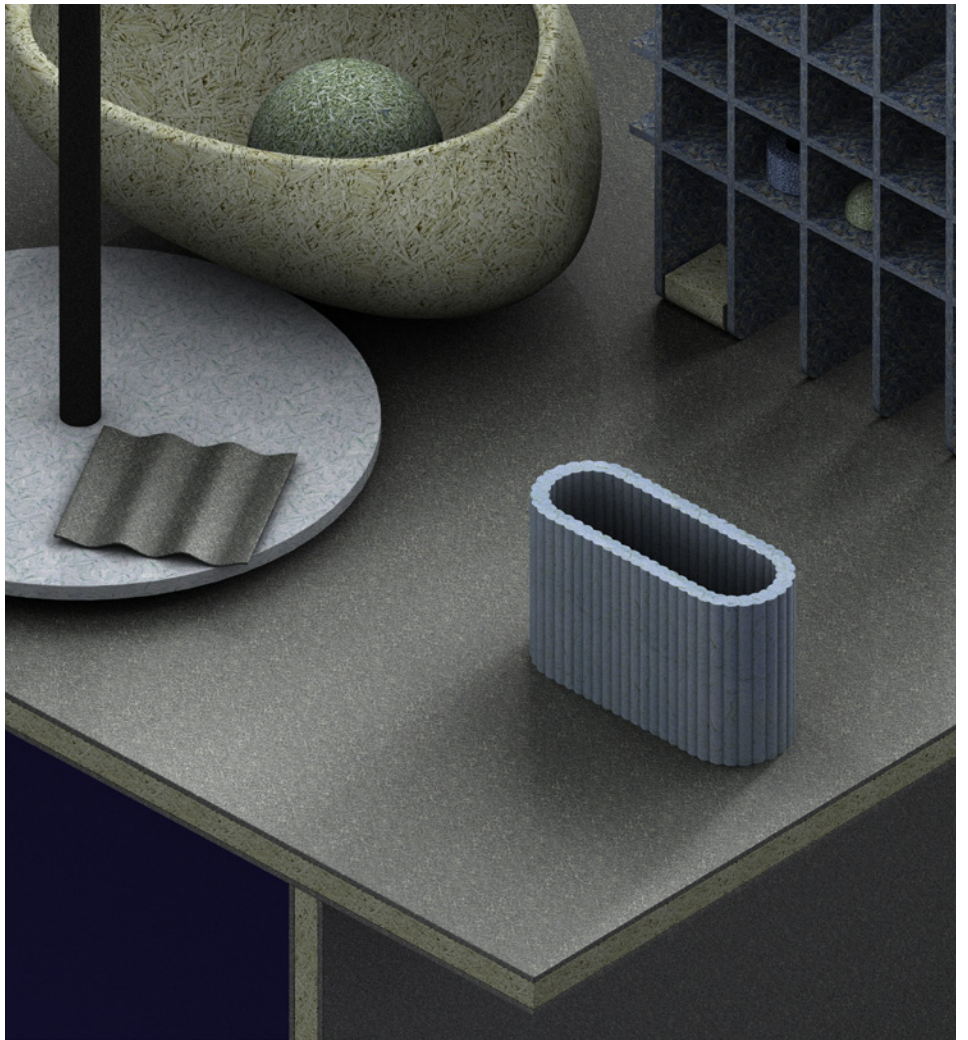
Focusing on the transformation of bio-matter, this project explores the potential of sunflower leftovers to create new applications and prototypes embedded in sustainable, innovative production systems.



EXTRUDED PLANT PASTE

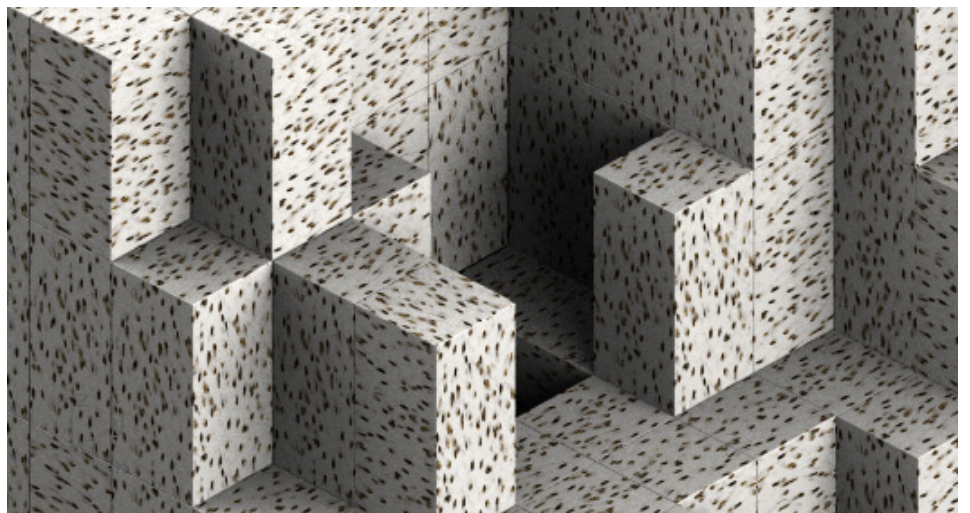
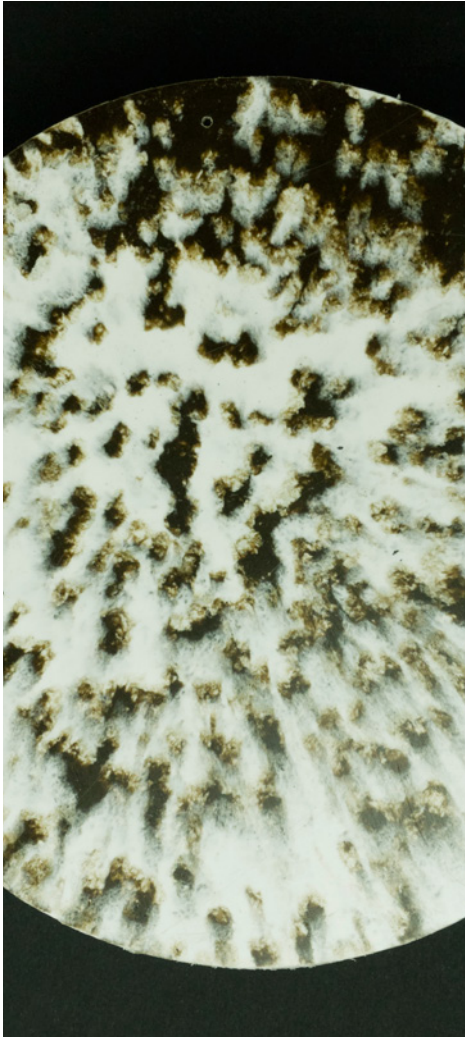
« The dairy farm as a universe » is a design research project that explores the potential for sustainability and closed-loop material flow within the premise of a dairy farm. A dairy farm is a merger of various natural and industrial systems.

THE NEW MATERIALIST



FROM INVASIVE SPECIES... ...TO BIOMATERIALS

We have been developing biocomposites based on invasive species such as Thistles.



FROM MUNICIPAL WASTE WATER TO BIOPLASTIC

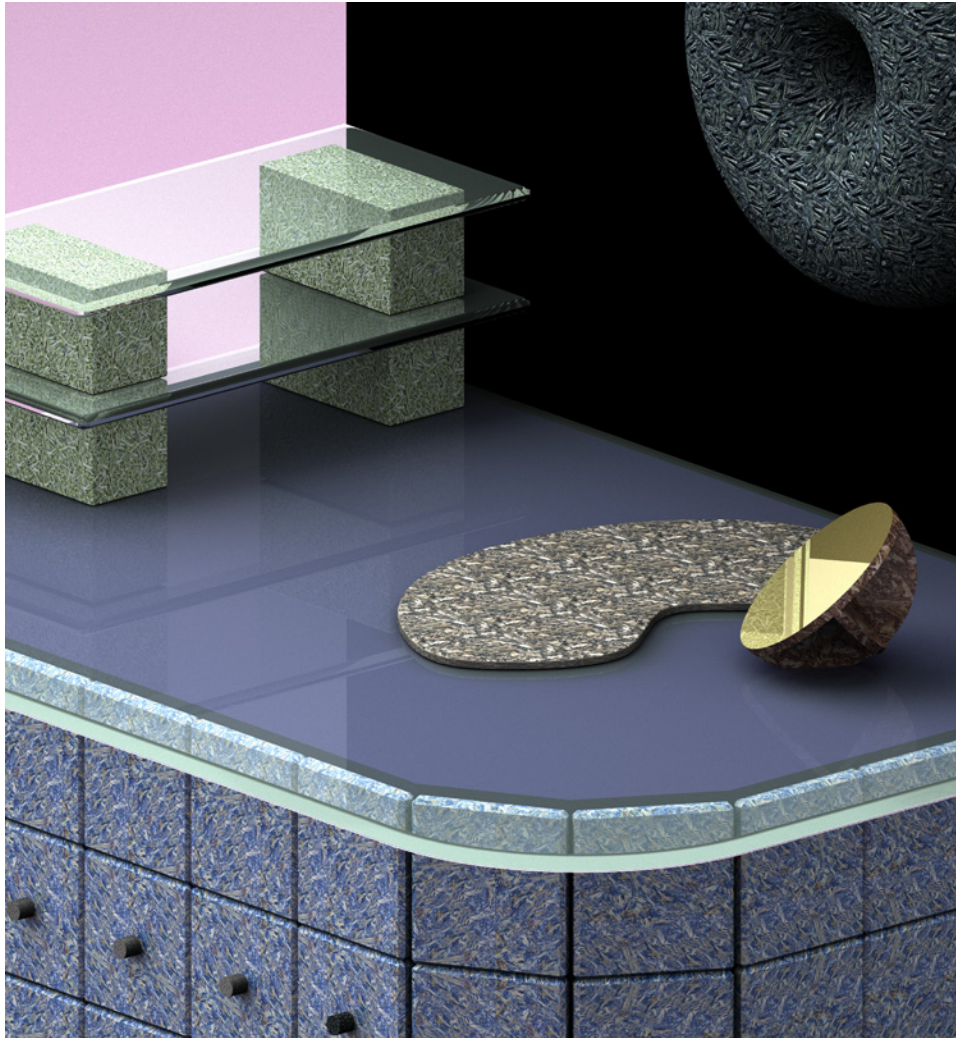
PHA polymer and cellulose fiber can be extracted from municipal wastewater and turned into a bio-composite. This composite can be biodegraded in the same water it originated from making it a truly circular material.



PINE TREE FULL-USE

This project proposes to use natural building blocks extracted from the Pinus Pinaster tree to develop sustainable materials. The result is an abstraction of a tree, a black matter joining, coating, blending in and contrasting with pine wood.

THE NEW MATERIALIST



FROM DISTILLATIONS BY-PRODUCT... ...TO BIOMATERIALS

Fragrances are distilled from roots, leaves, bark, and flower,... of various plants. A large quantity of biomass is required to obtain a small quantity of Absolute - the most concentrated form of fragrance. The by-products of these extraction processes can be turned into decorative and functional bio-materials.



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