

SUSTEIN

A New Matter

Problem 1

Construction

Construction Materials are responsible for **50%** of all Material extraction in Europe

Problem 2

This is the waste
of one surgery

A woman in a teal shirt and shorts stands in the center of a large, circular arrangement of medical waste. The waste is organized into concentric rings of various items, including gloves, masks, and other surgical supplies. The word "Healthcare" is overlaid in white text across the center of the image.

Healthcare

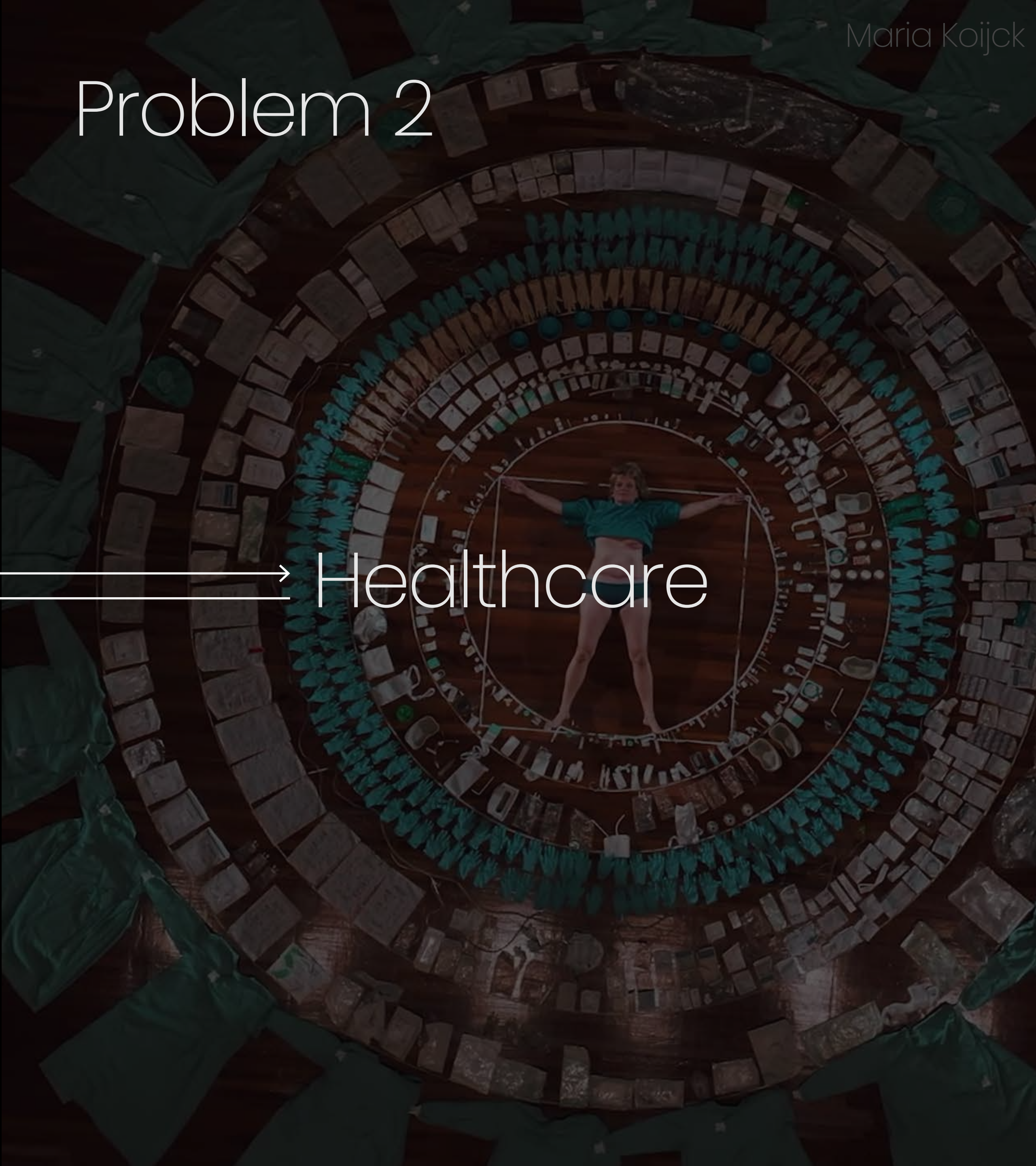
99% of Healthcare waste goes to landfill & Incineration.

+ 60 Million Ton of single-use plastic

Problem 1



Problem 2



Construction ← → Healthcare

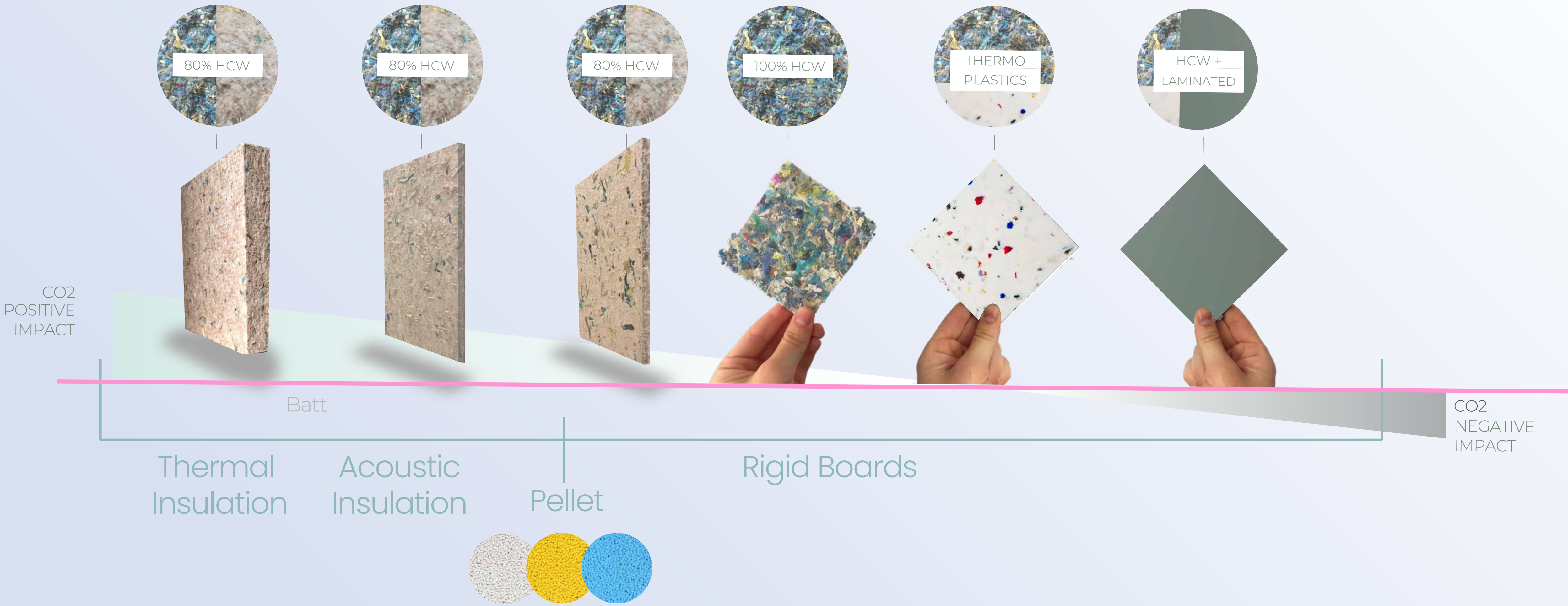
SUSTEIN

First Ever

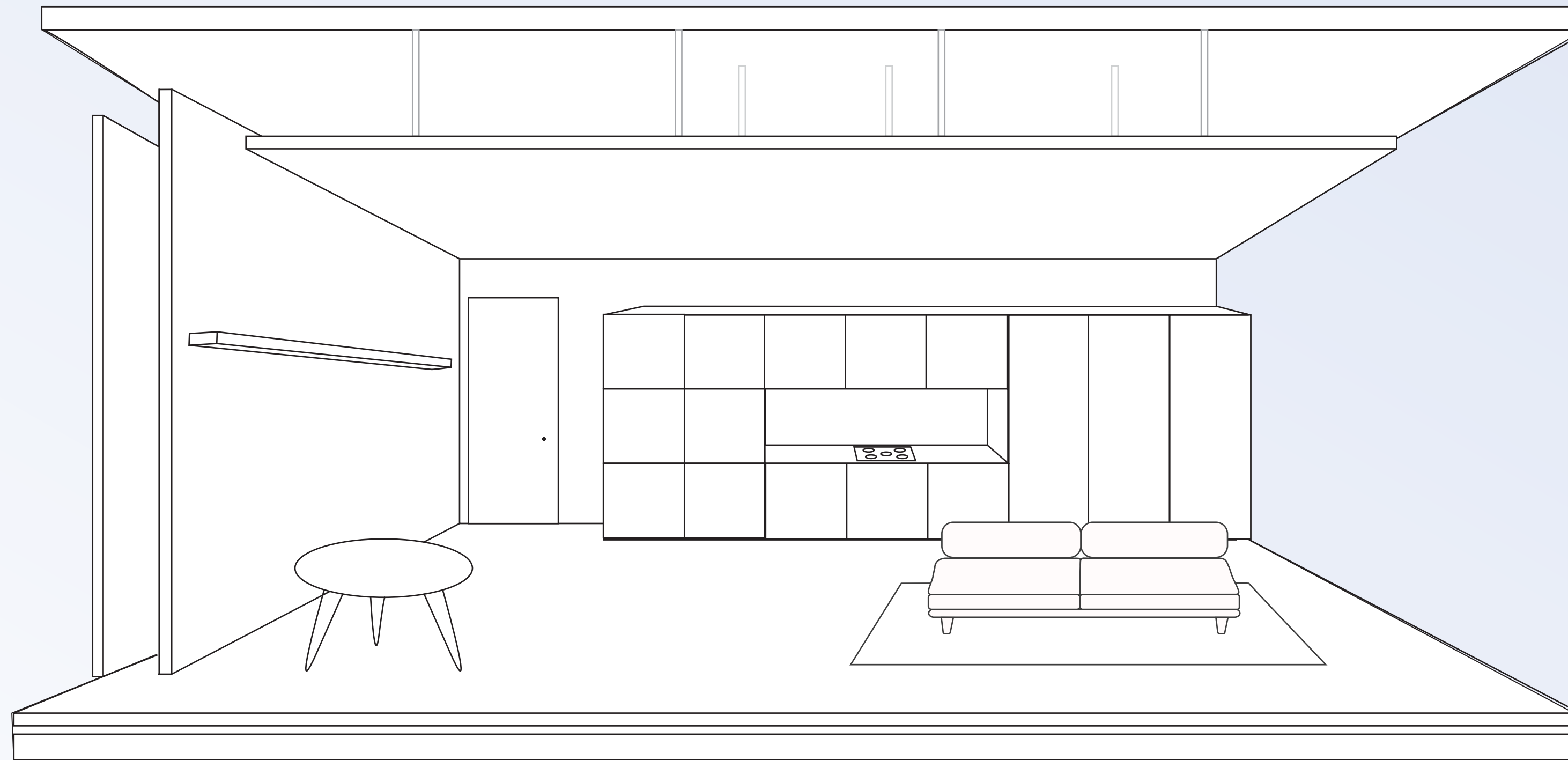
Health-Based Construction Materials



CATALOG 2023 OF HEALTH BASED PRODUCTS



SUSTEIN



Let's picture a simple house

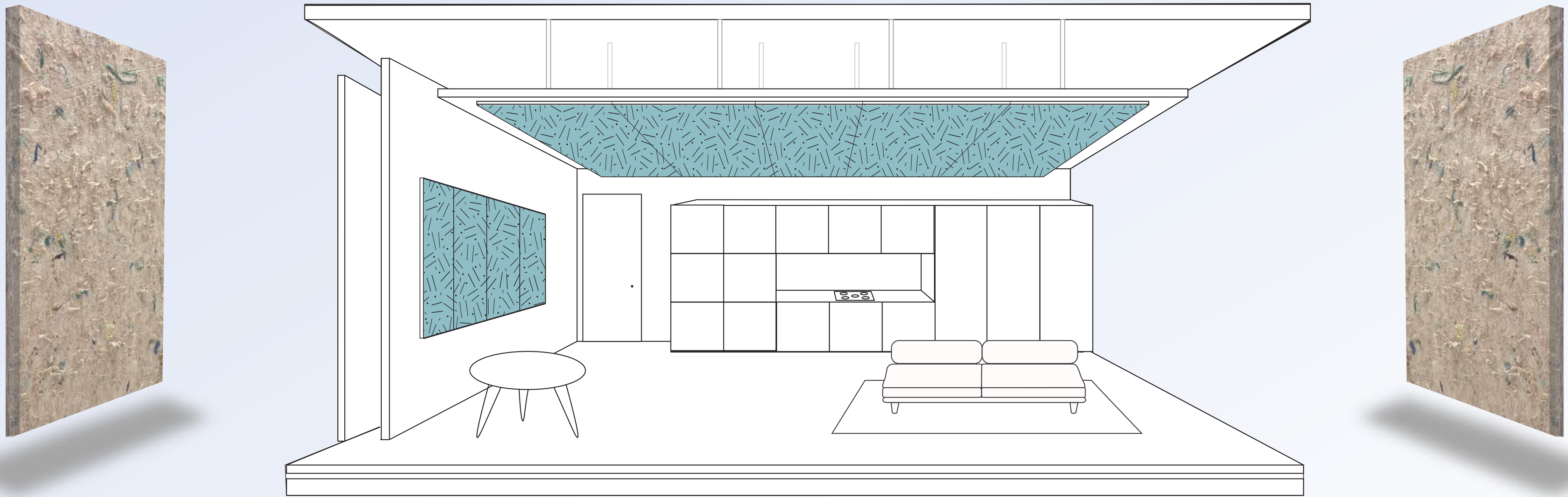
THEMRMO-ACOUSTIC INSULATION

In-between walls, ceilings, and floors. Cushions filling



Maintains Interior temperature and makes the home more energy efficient

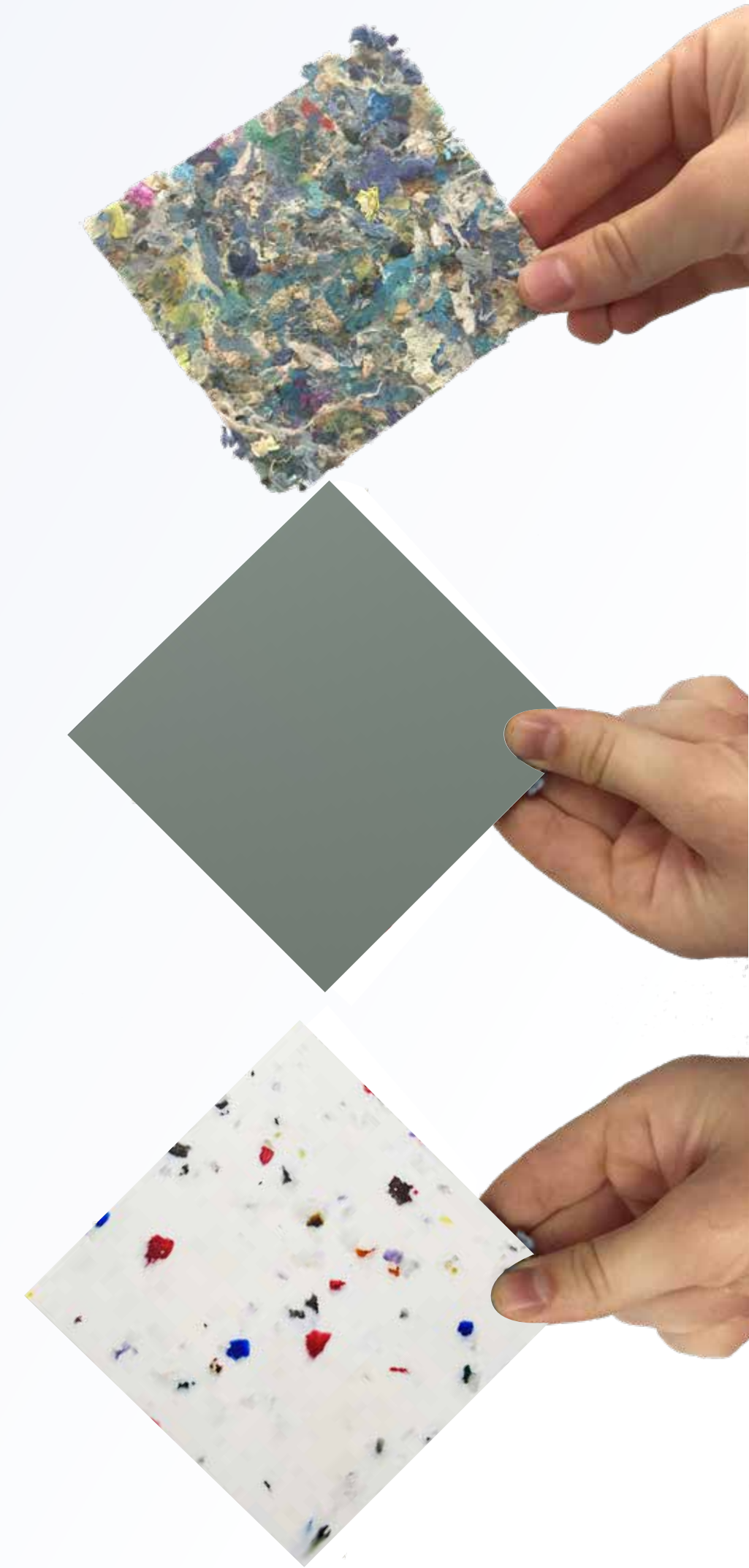
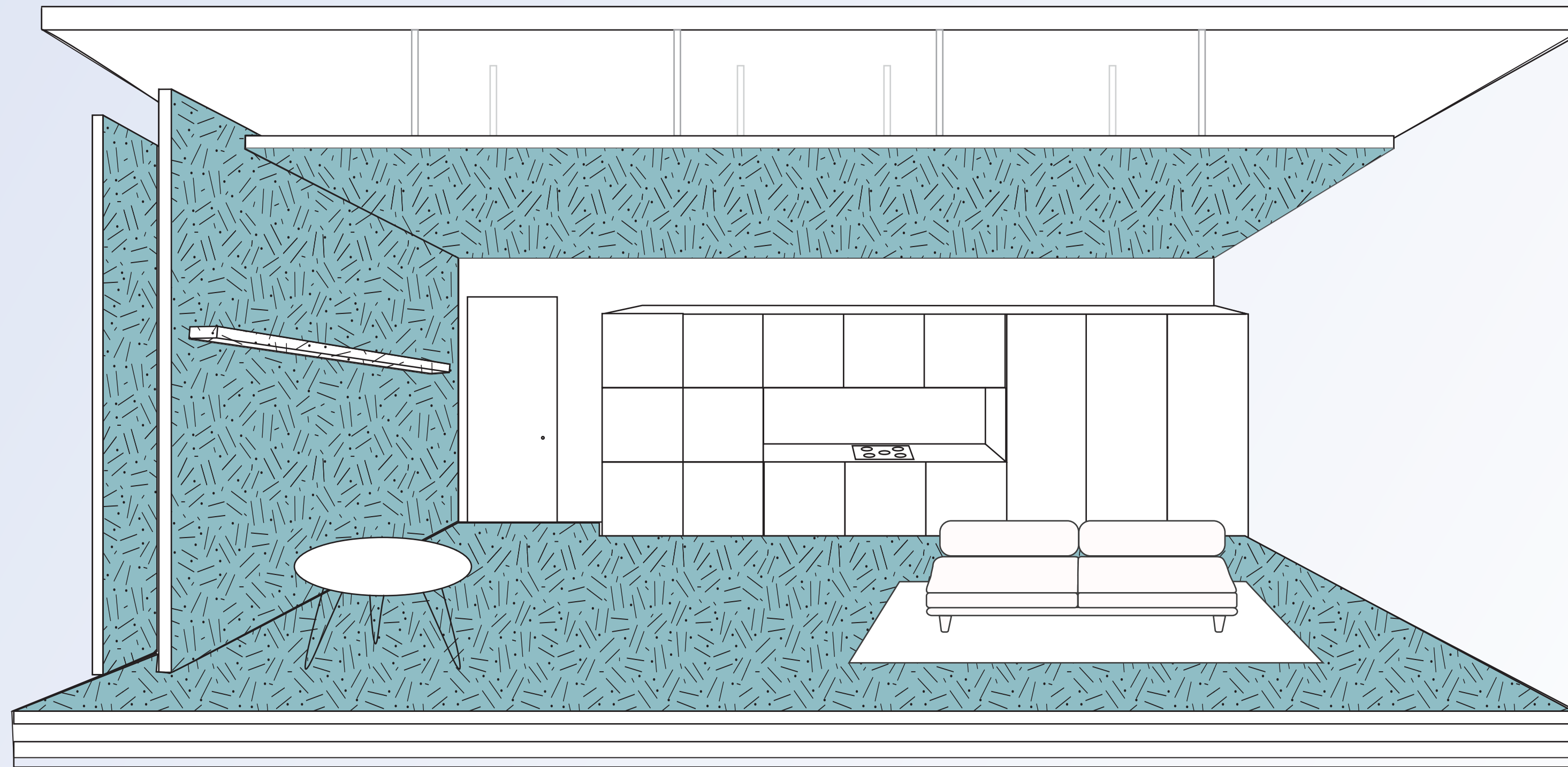
ACOUSTIC INSULATION



Sound Absorption for optimal reverberance and acoustic comfort

PARTICLE BOARD

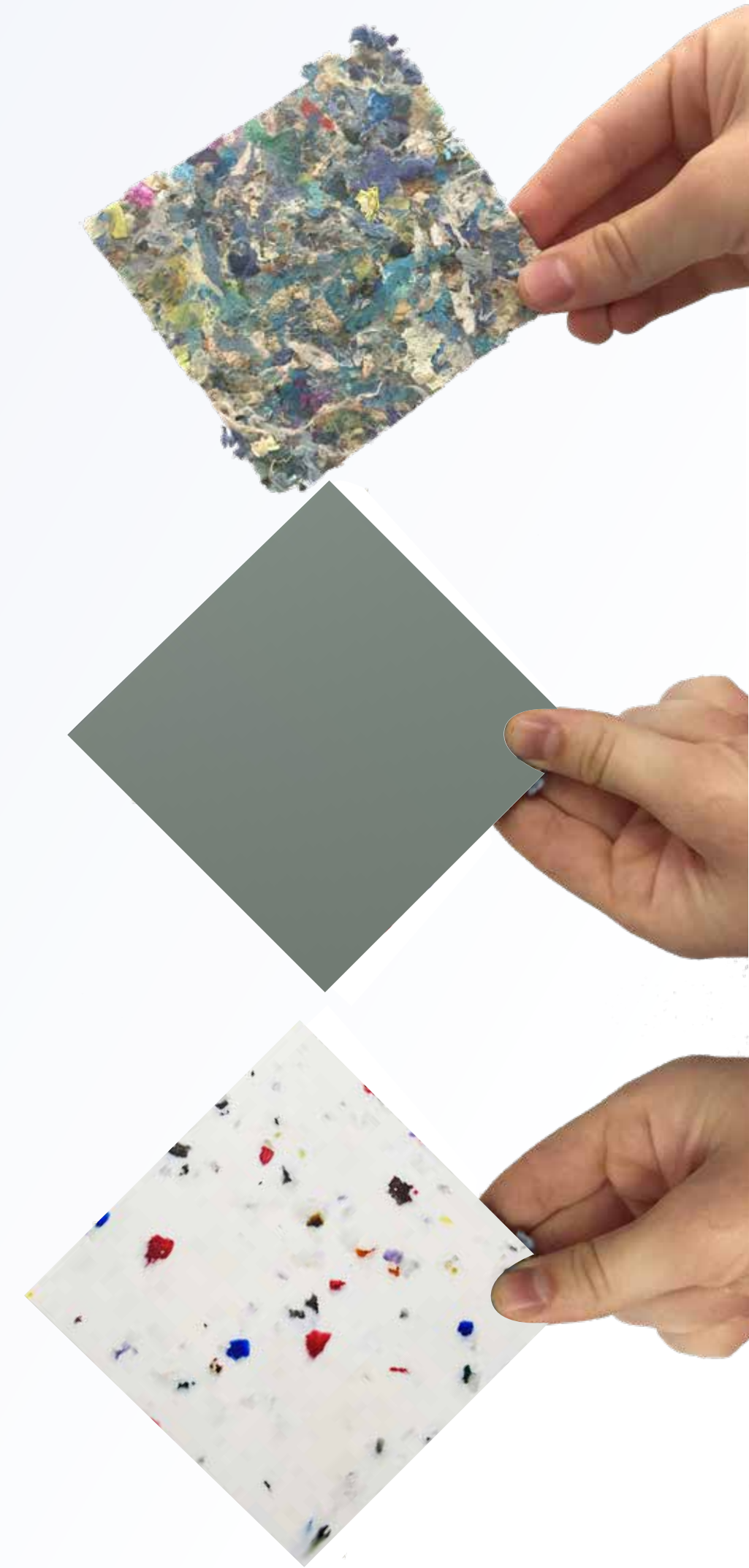
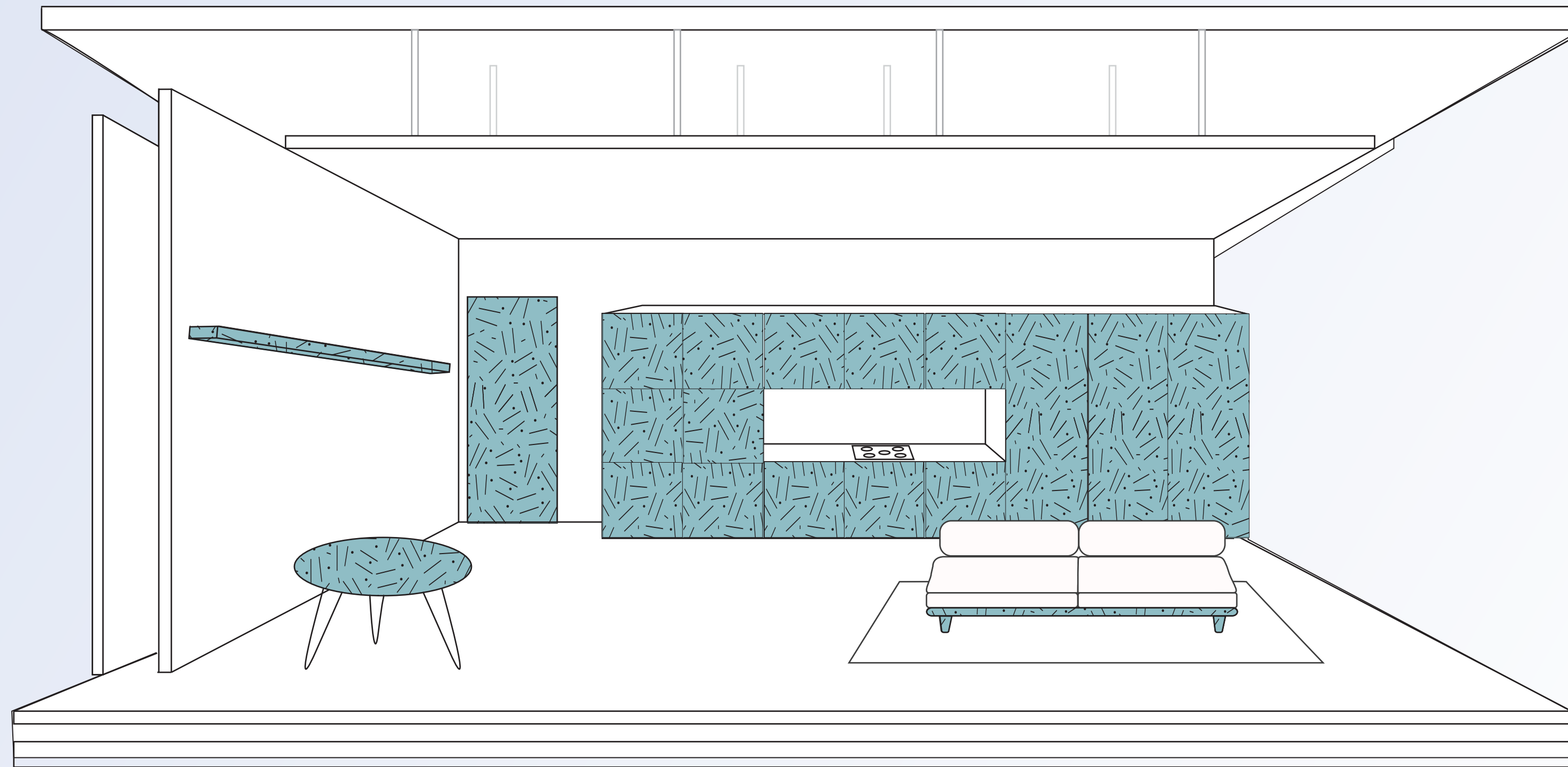
Finish for Walls, Ceiling & Floors



Acoustic ceiling, laminated floor, wall panel

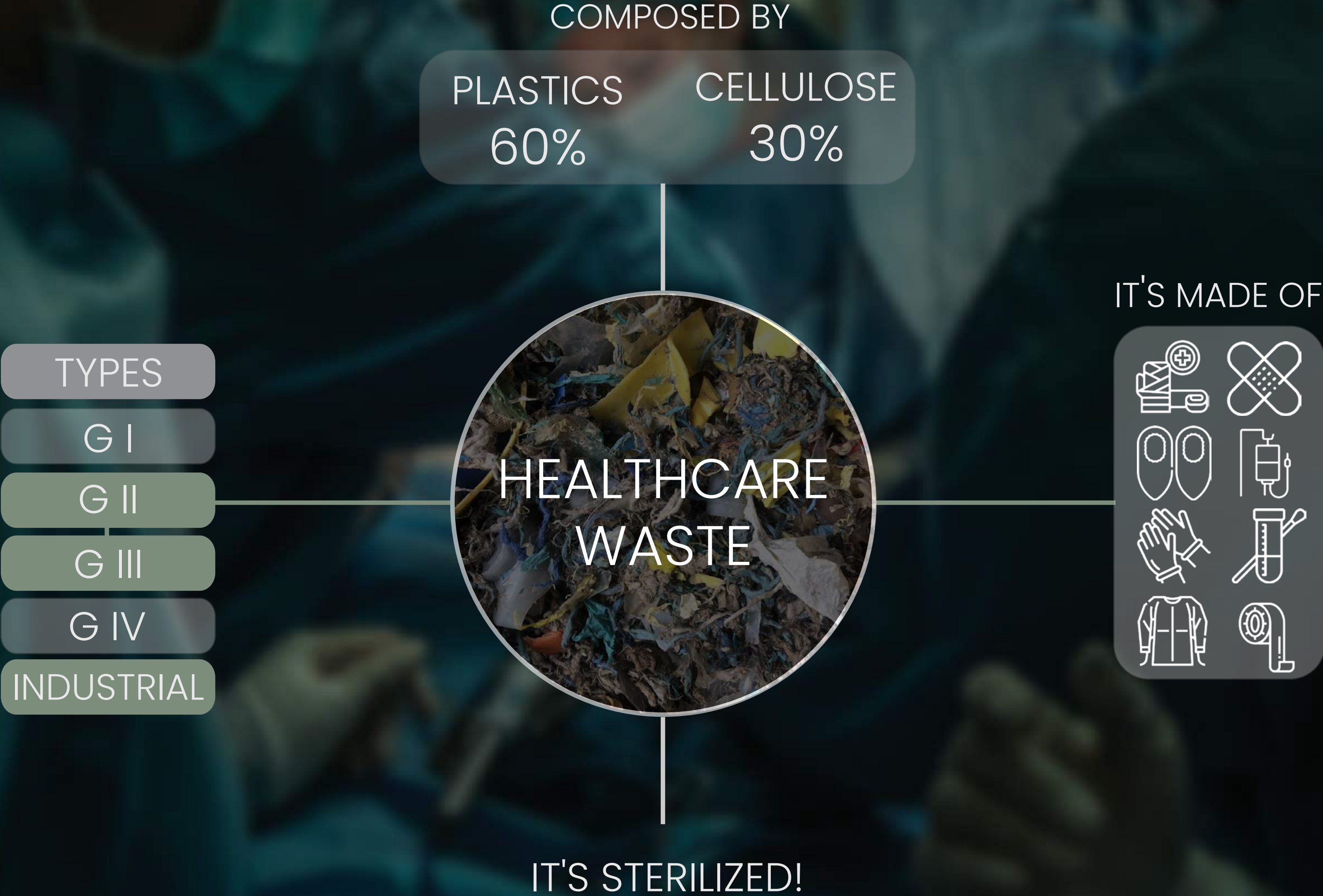
PARTICLE BOARD

Furniture, Casework, Doors, Slabs....



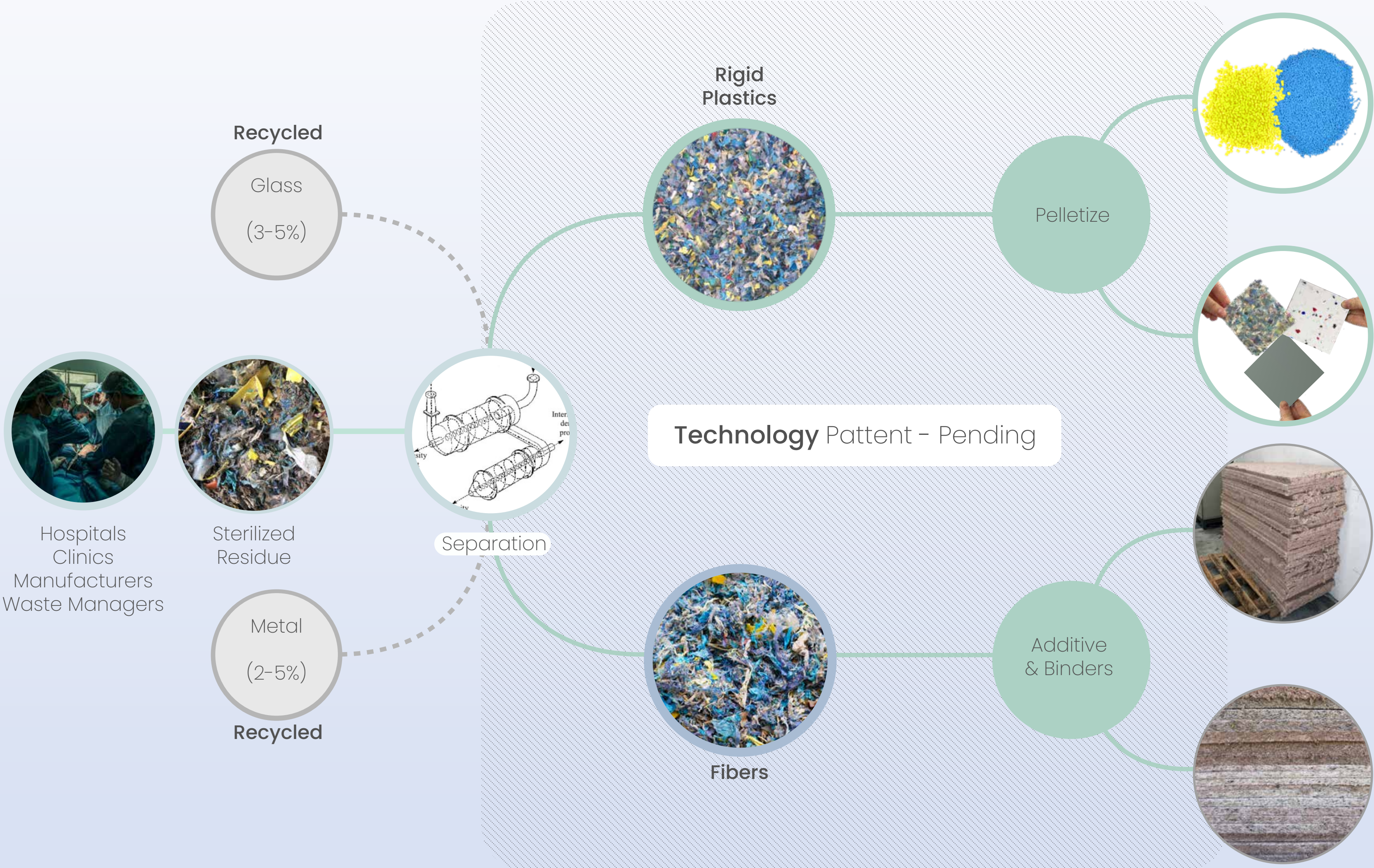
Moisture and pest resistant.

HOW?



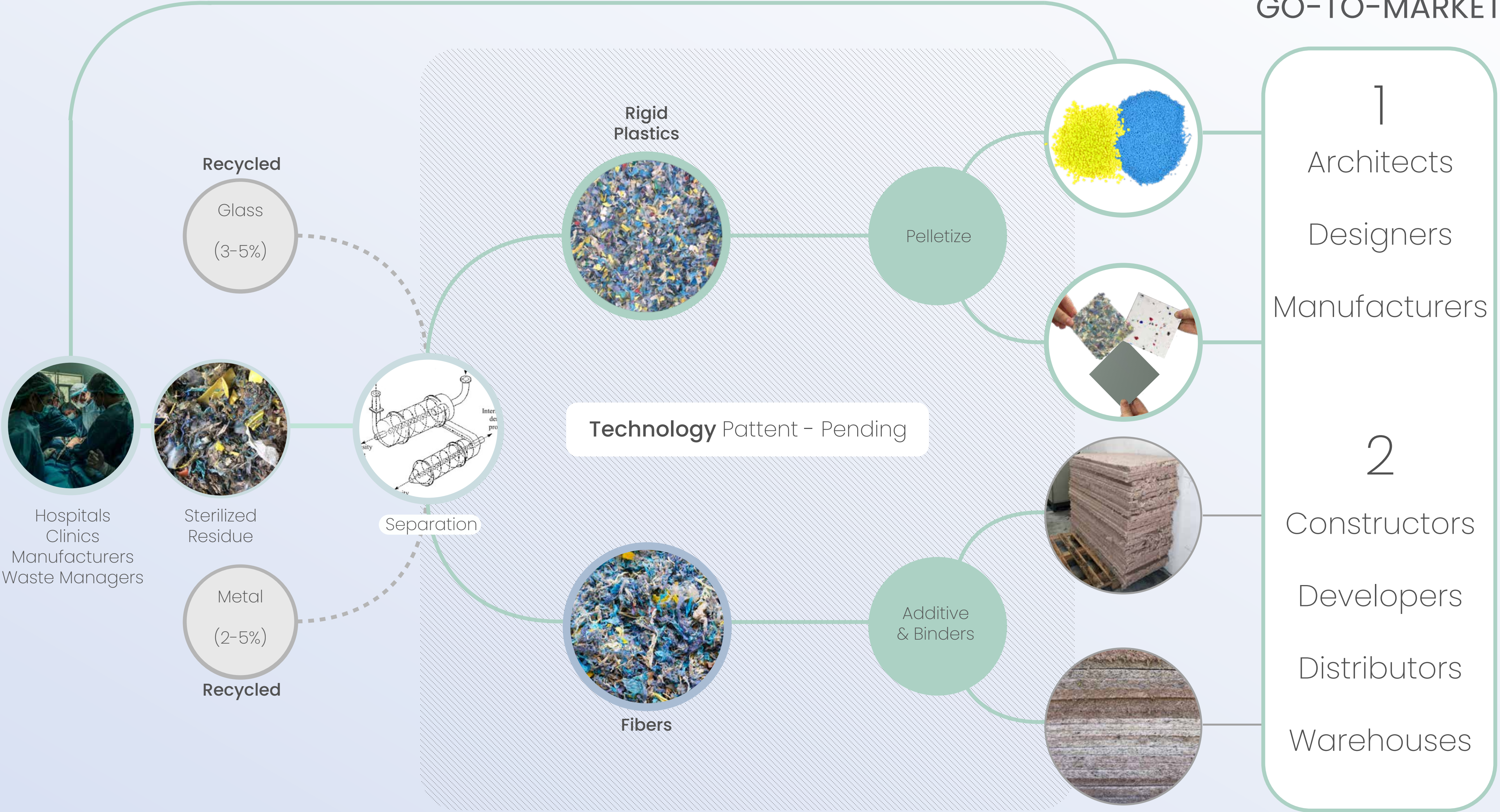
Source: <https://www.who.int/news-room/fact-sheets/detail/health-care-waste>
<https://www.unhcr.org/refugee-statistics/>

INTERNAL SYSTEM



INTERNAL SYSTEM

GO-TO-MARKET



FROM LINEAR

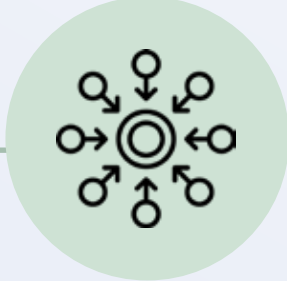
PRODUCT
MANUFACTURE



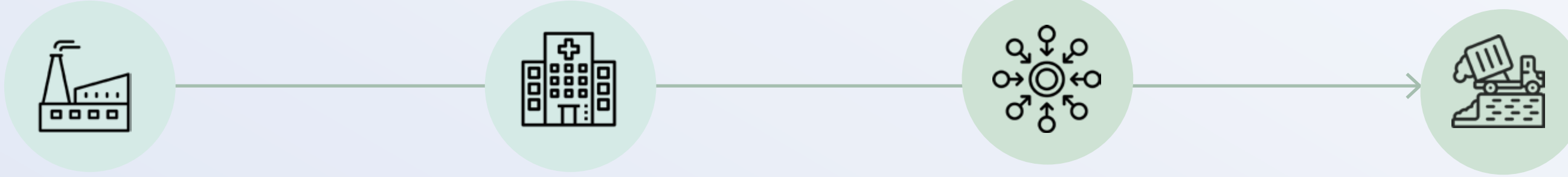
HOSPITALS



TREATMENT



LANDFILL &
INCINERATION



FROM LINEAR TO CIRCULAR

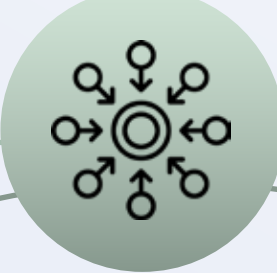
PRODUCT
MANUFACTURE



HOSPITALS



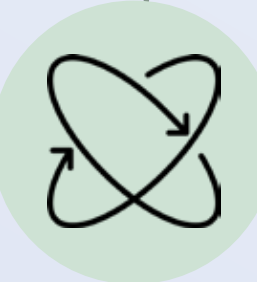
WASTE COLLECTION



LANDFILL
INCINERATION



TREATMENT



RECYCLING

RECYCLED
&
RECYCLABLE

MATERIAL
MANUFACTURE



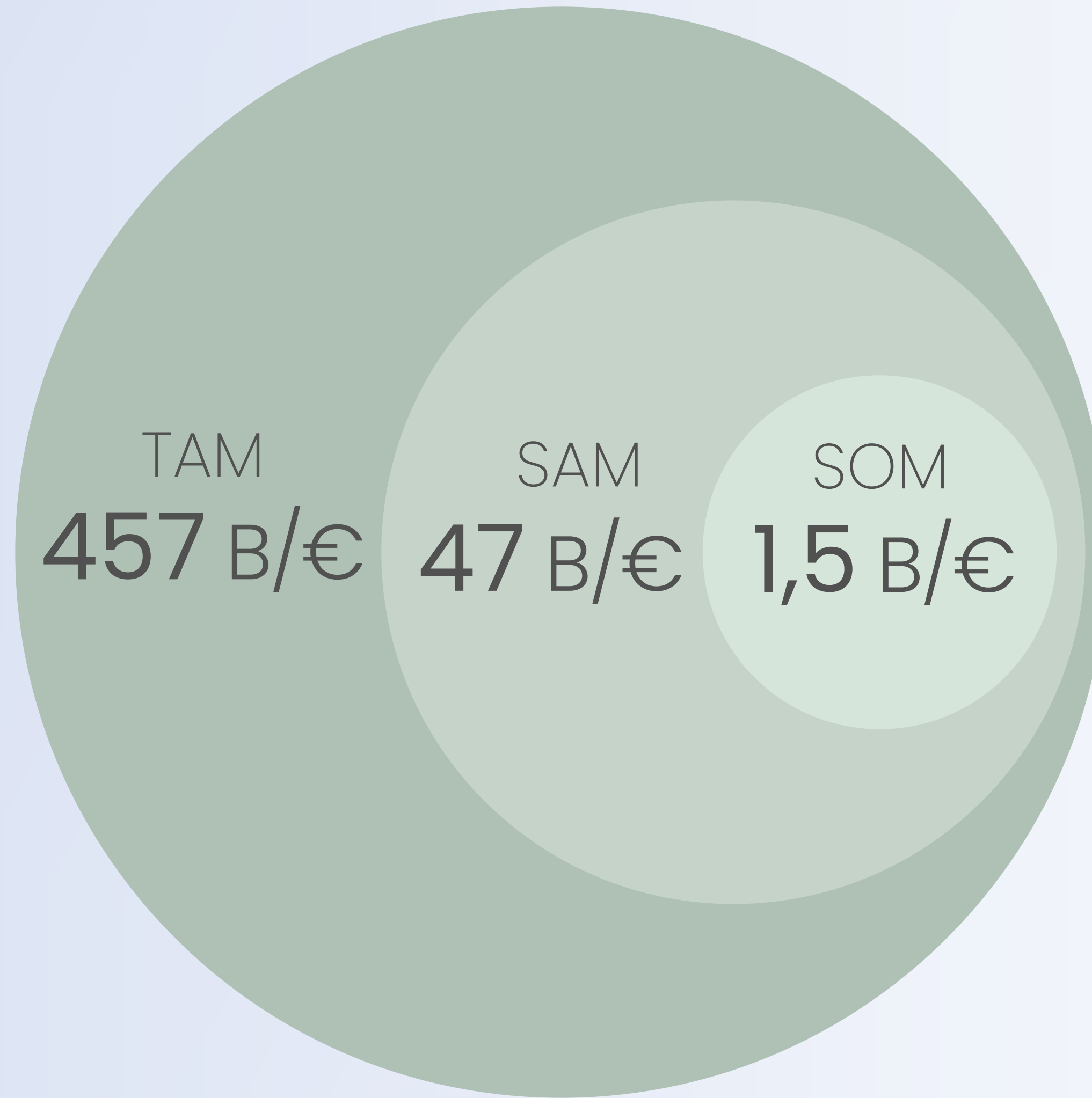
RESPONSIBLE
CONSTRUCTION



SUSTEIN

MARKET VALUE

Construction
Market Size
7.8 T/€

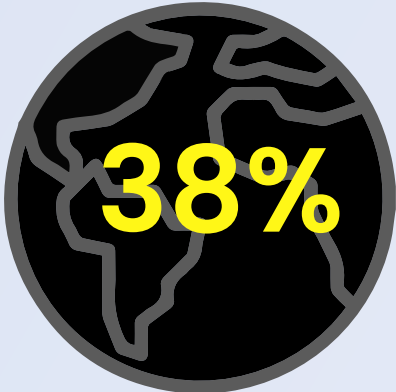


2023

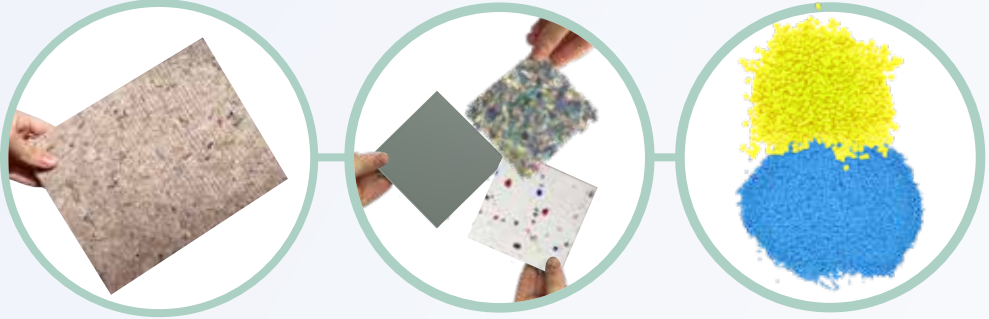
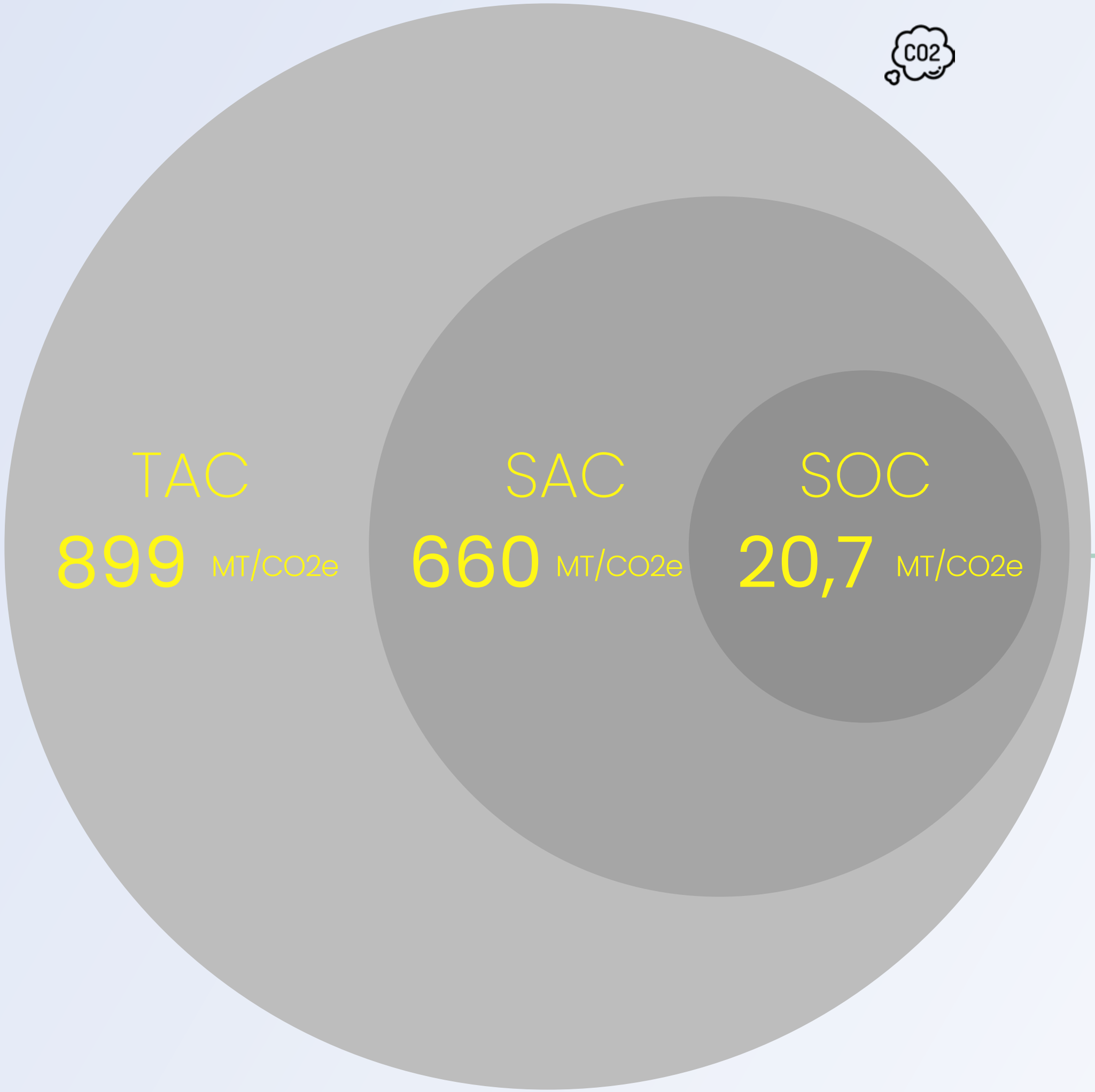
CO2 MARKET VALUE



Construction
CO2
13.9 BT/CO2e



Global



Polymer Insulation

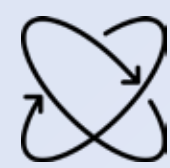
Laminate Board

Plastic Pellet

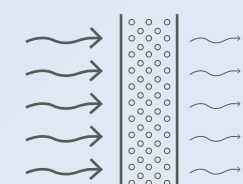
2023

PERFORMANCE OF PRODUCT

100% CIRCULAR
PRODUCT



OPTIMAL THERMAL
PERFORMANCE



BREATHABLE



PEST
RESISTANT



MOISTURE
RESISTANCE



ANTI-BACTERIAL



SOUND
ABSORBANT



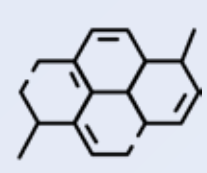
NO FORMALDEHYDE
OR VOC ADDED



CARBON
NEGATIVE



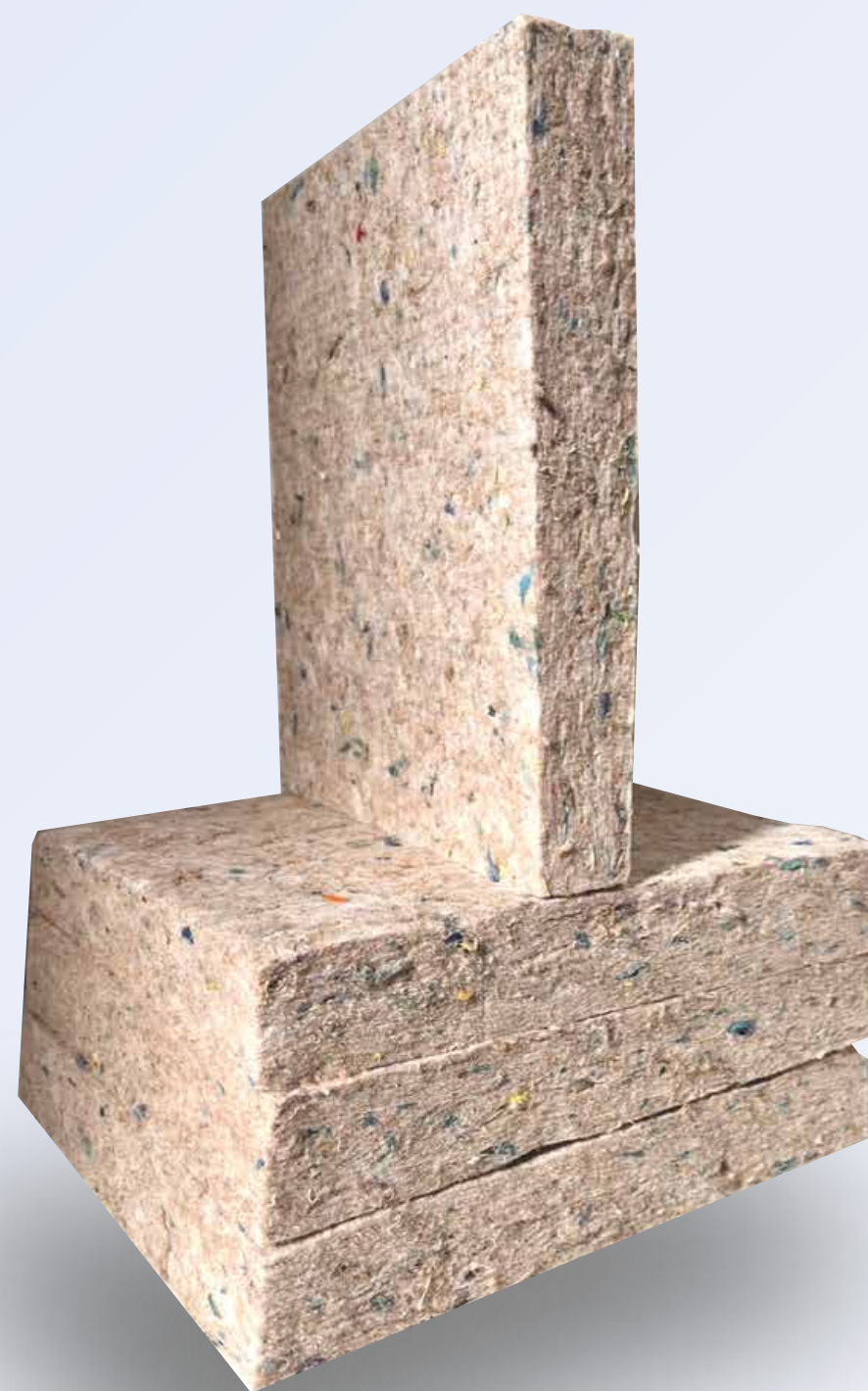
UNIFORM
STRUCTURE



FLEXIBLE



DOUBLE IMPACT
PRODUCT



THERMO-ACOUSTIC INSULATION BATT

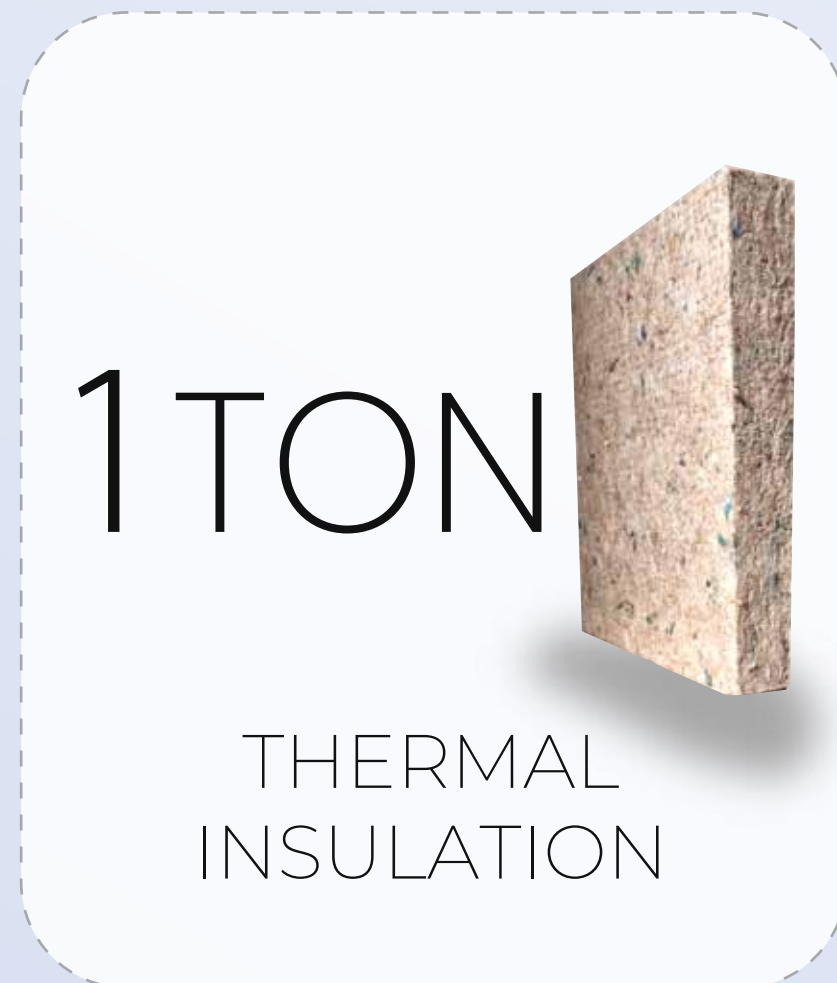
MEASURES (MM)-1200 X 600/800
THICKNESS(MM)-40

 AC / DUCTS
& PIPES
RIGID or SEMI-RIGID

PROPERTIES	UNITS	REFERENCE
DENSITY	KG/M3	62,5
ACOUSTIC ABSORTION	F (HZ) 2000	0,98
	F (HZ) 4000	0,93
	F (HZ) 6300	0,98
THERMAL CONDUCTIVITY	W/M.K	0,0361
FIRE REACTION	Classification	Class D & Class B
HYGROSCOPICITY	Complete release	Up to 60% of mass
THICKNESS	MM	40
CHARACTERIZATION	Components	Polymers + Viscose
RECYCLED	%	80
RECYCLABILITY	%	100
FUNGAL SPORES	No	Non allergic
CARBON-NEGATIVE PRODUCT. WE ENABLE APPROXIMATELY -8,2 Kg/CO2eq mitigation per M2 sold		

BIODIVERSITY & CO2 EMISSIONS

SAVINGS / IMPACTS



=

+/- 1,5 **M3**
Landfill

+/- 247 **LITERS**
Polluted
Water

+/- 0,03 **HUMAN**
Diseases

+/- 0,08 **HUMAN**
Deaths

+/- *3,28 **TON
CO2**
Total **mitigation**
of CO2 enabled

+/- 2,56 **TON
CO2**
Mitigated from
project accounting

+/- 0,72 **TON
CO2**
Mitigated from
Health producers

<https://www.mdpi.com/2227-9717/6/10/173>
<https://www.tandfonline.com/doi/full/10.1080/10962247.2019.1578297>
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9858835/#B40-healthcare-11-00242>
Source: <https://www.who.int/news-room/fact-sheets/detail/health-care-waste>

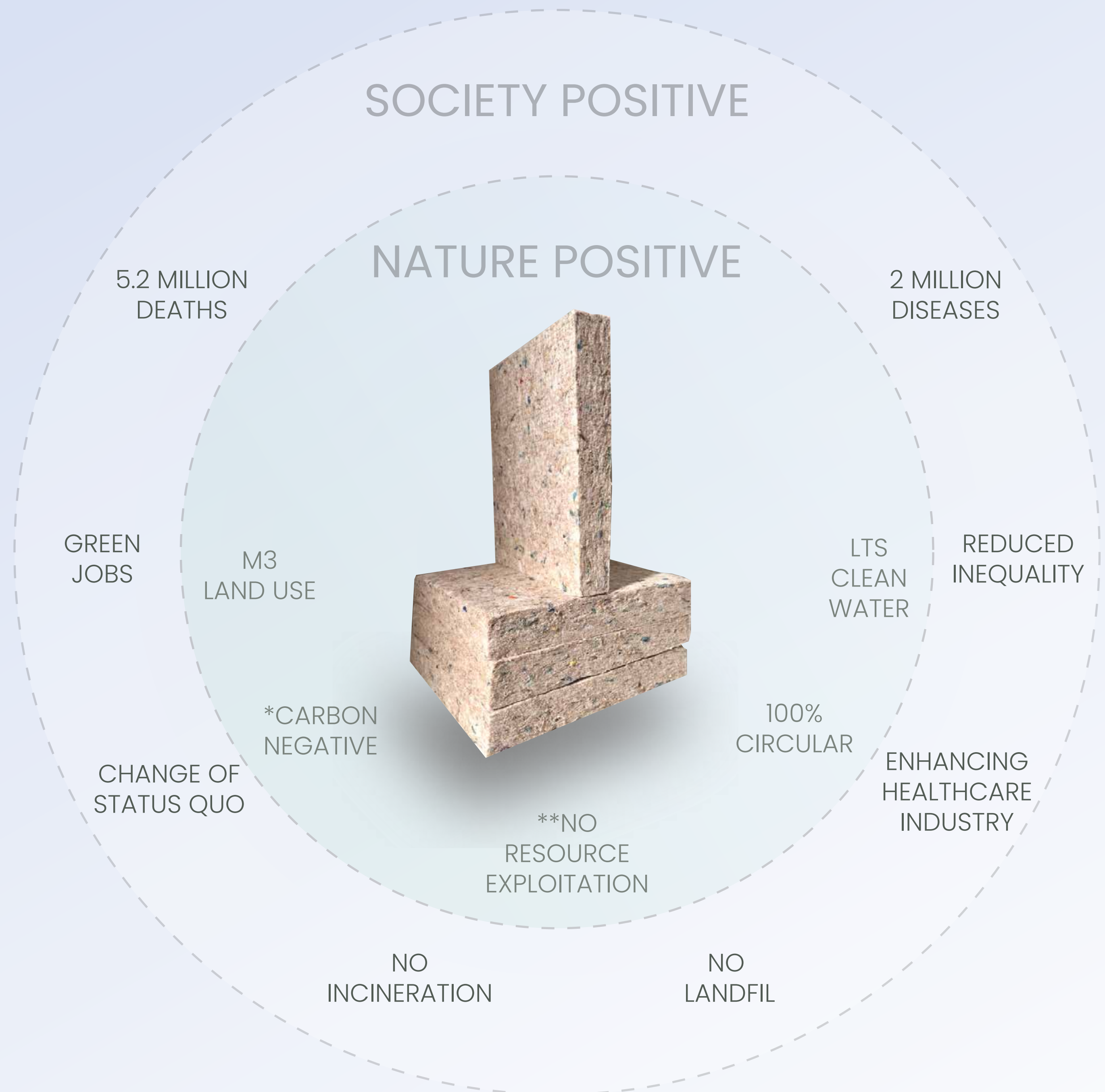
Base on total mitigation, LCA scopes 1, 2, 3, & 4

SUSTEIN

UNIT ECONOMICS

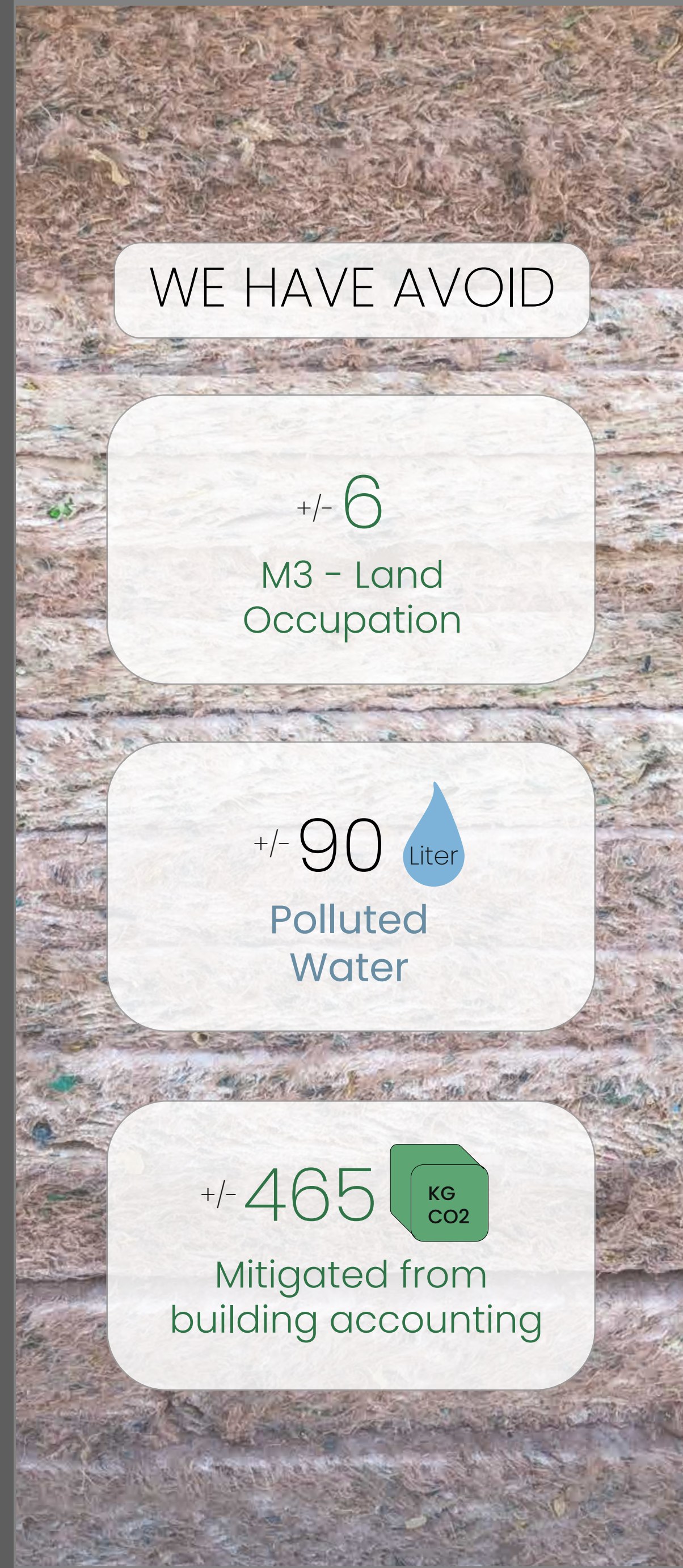
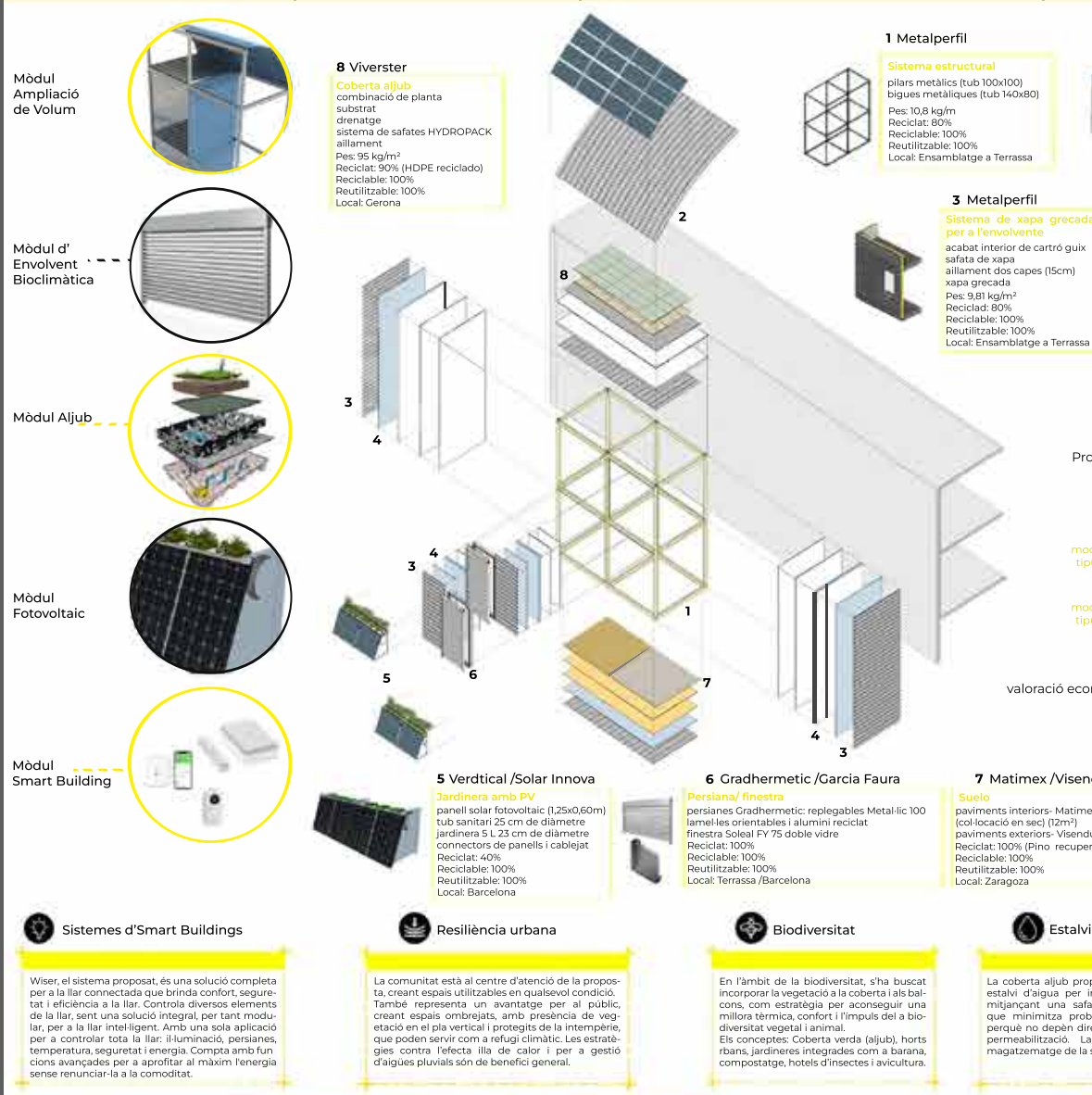
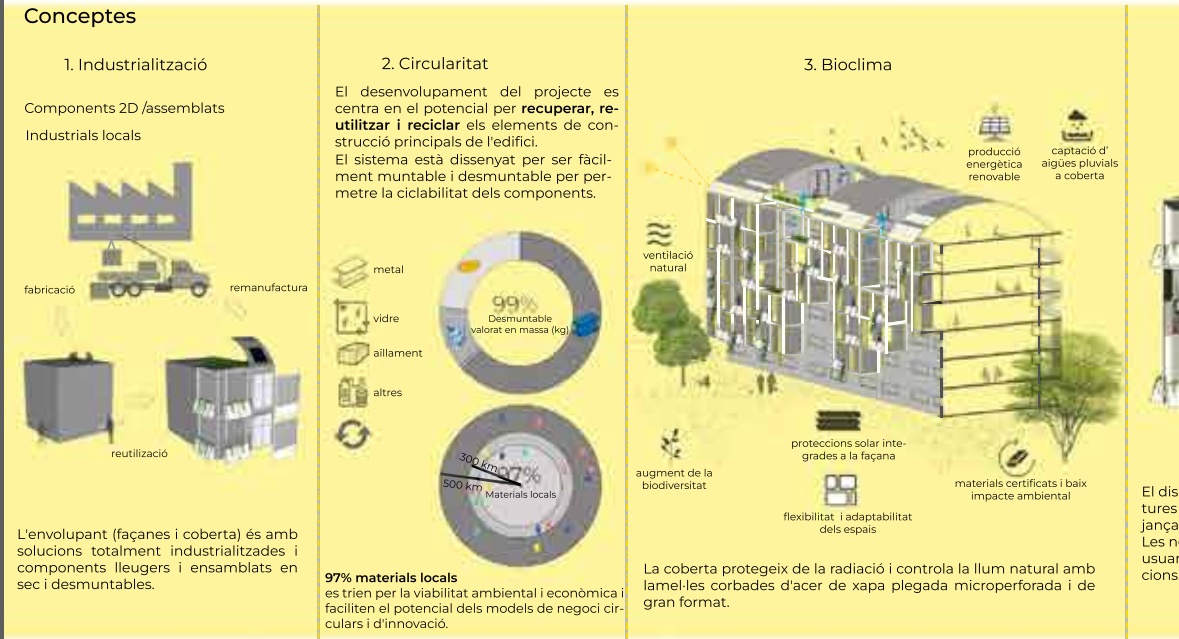


-  SUSTEIN
-  Wood
-  Grass
-  Hemp
-  Cellulose
-  Rock Wool
-  Glass Wool
-  EPS
-  XPS
-  PIR



-  3 GOOD HEALTH AND WELL-BEING
-  8 DECENT WORK AND ECONOMIC GROWTH
-  9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
-  10 REDUCED INEQUALITIES
-  11 SUSTAINABLE CITIES AND COMMUNITIES
-  12 RESPONSIBLE CONSUMPTION AND PRODUCTION
-  13 CLIMATE ACTION
-  14 LIFE BELOW WATER
-  15 LIFE ON LAND
-  17 PARTNERSHIPS FOR THE GOALS

Source: <https://www.who.int/news-room/fact-sheets/detail/health-care-waste>



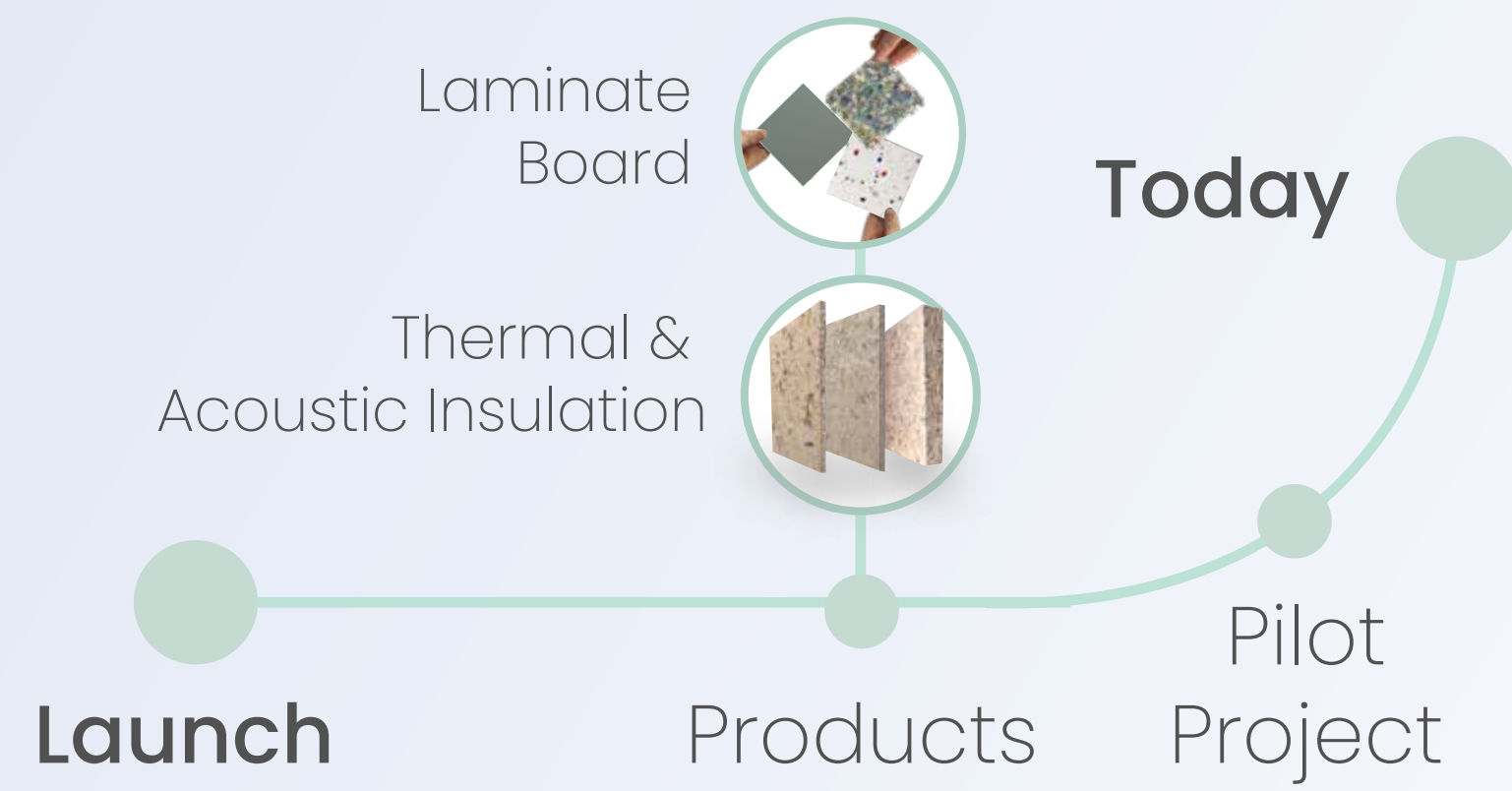
WE HAVE AVOID

+/- 6
M3 - Land Occupation

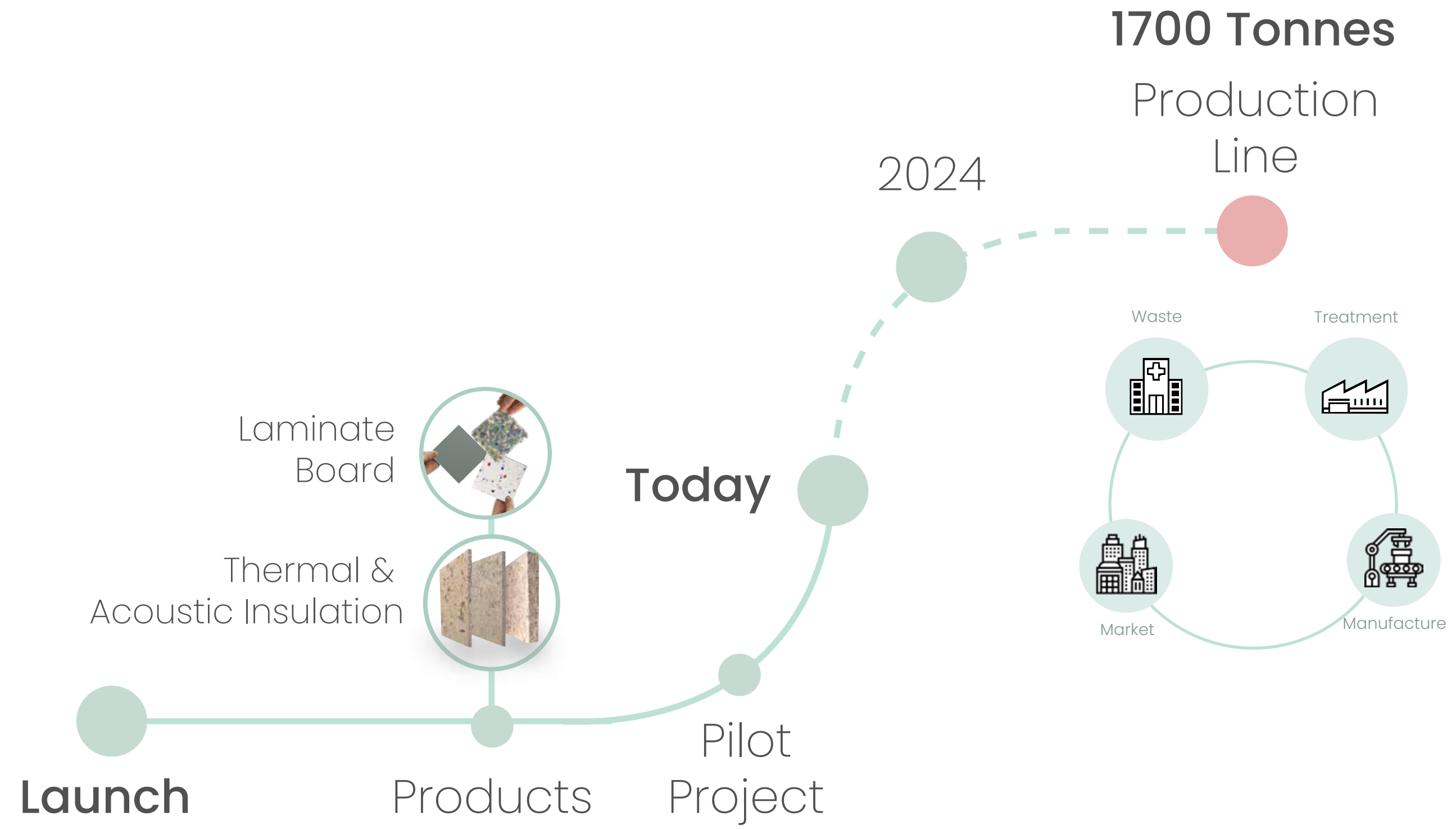
+/- 90 Liter
Polluted Water

+/- 465 KG CO2
Mitigated from building accounting

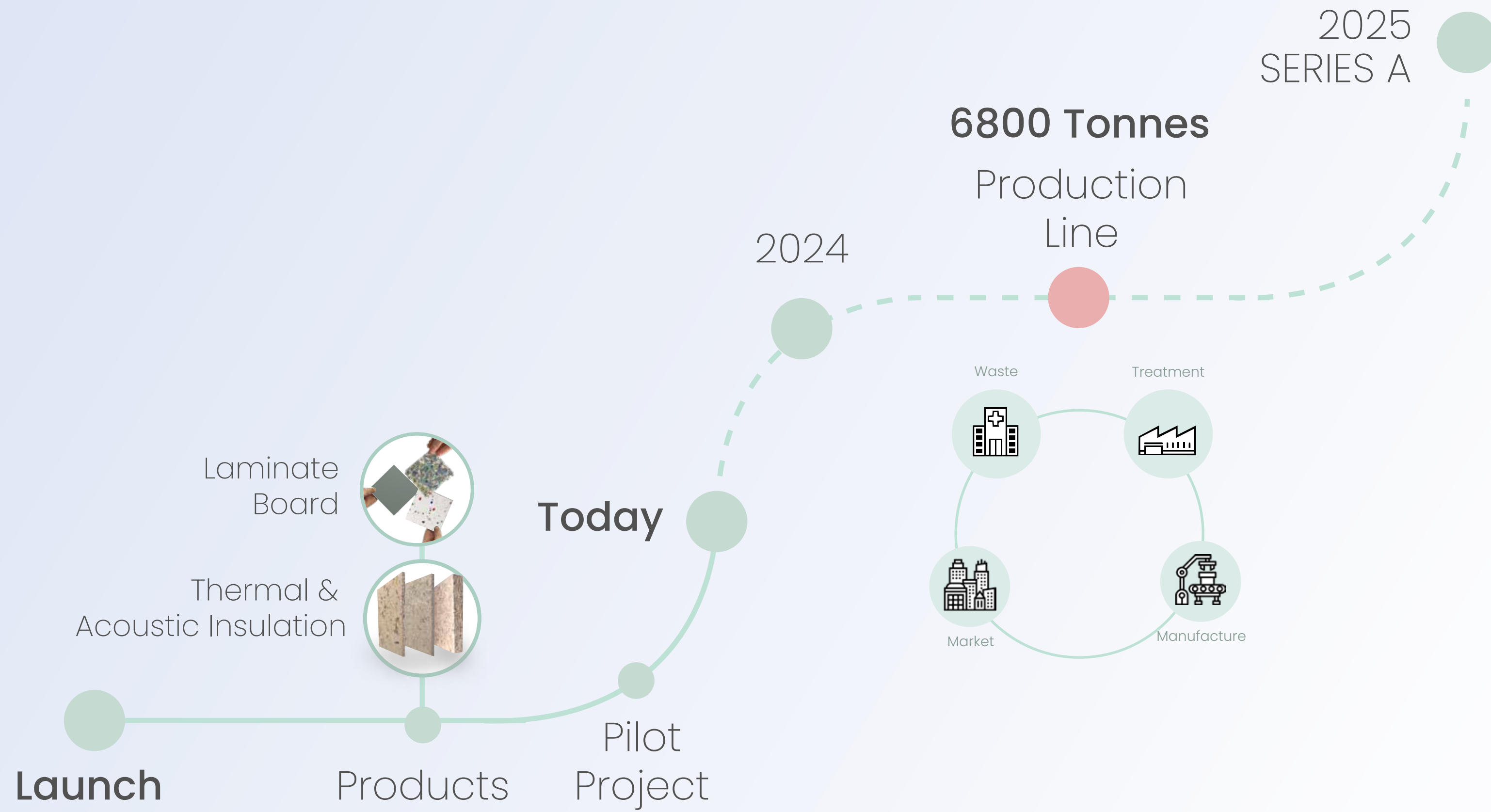
ROADMAP



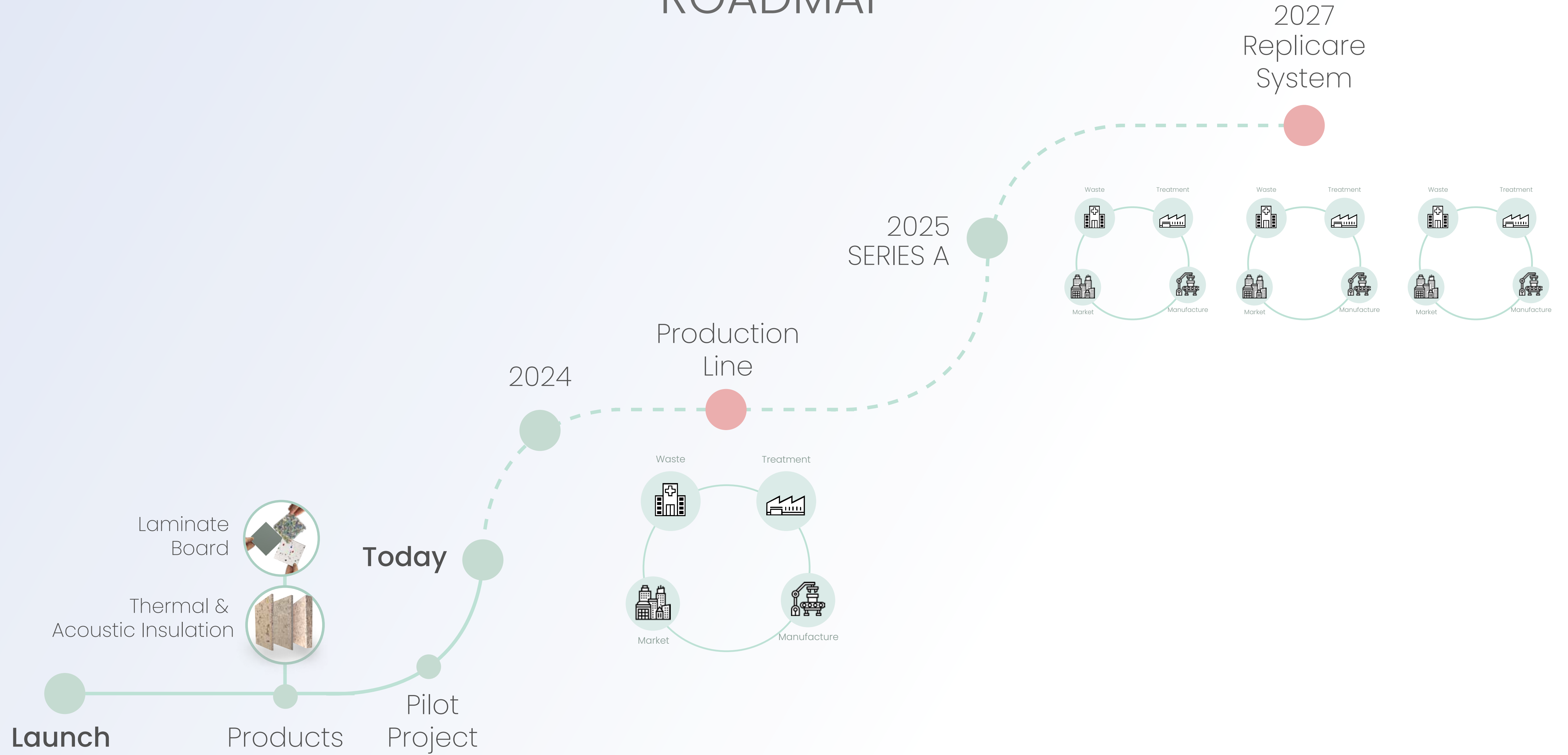
ROADMAP



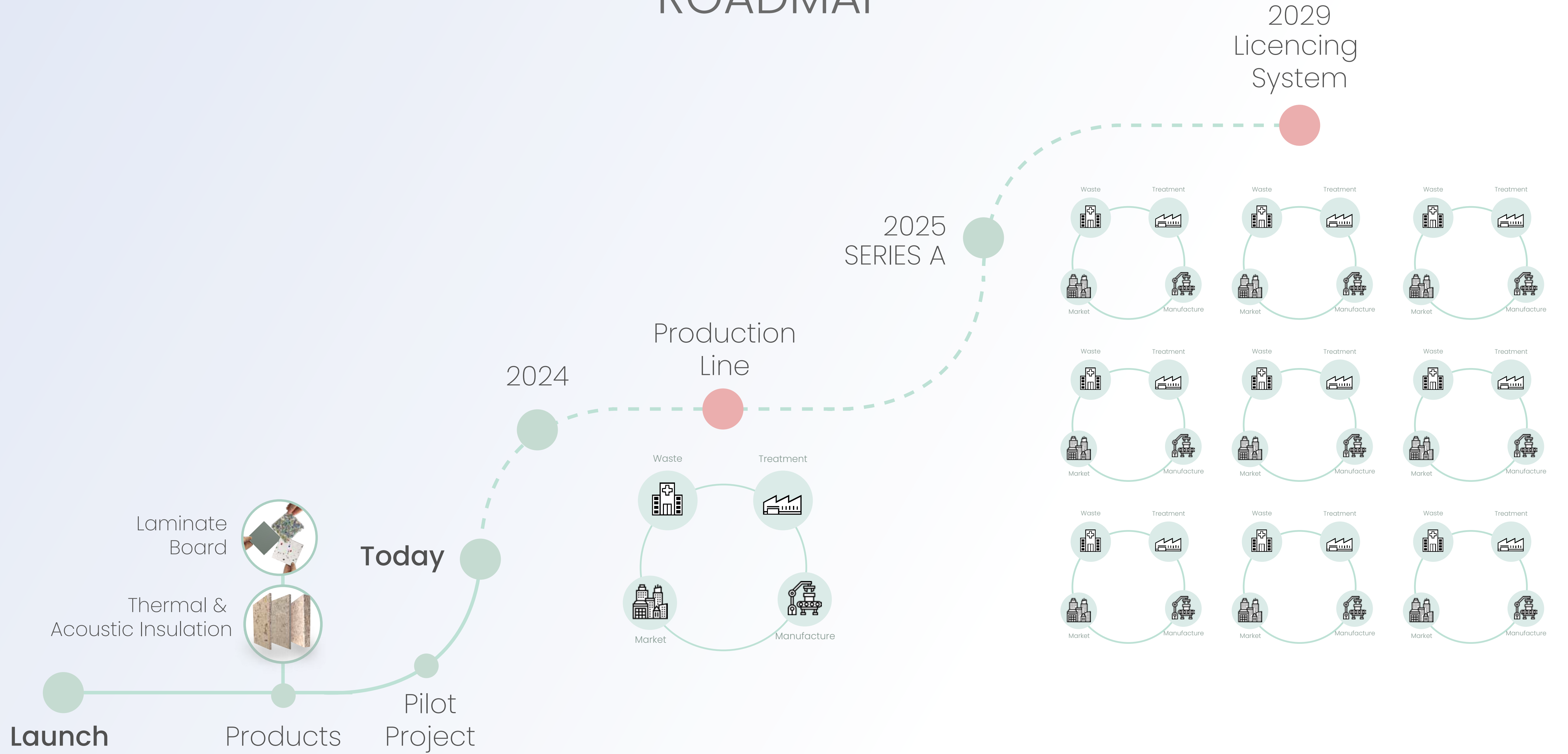
ROADMAP



ROADMAP



ROADMAP



Team

Simón González



Founder & CEO

- Accesa CoFounder
- MSc. Innovation Technology in Construction materials
- Operations in HCWaste Management
- Operations of S,M,L Events, La Fira BCN
- Sales Manager - Glovo
- Business in Circular Economy
- Energy efficiency & Net Zero Architecture

Arturo Barboza



CSO - Strategy

- Business and Market Intelligence
- Managing Consultant in J.S. Held LLC.
- Managing Consultant Berkeley Research Group.
- School of Business -Boston University.
- Strategic Management + Neuroscience & Neuromarketing in Copenhagen Business School
- Financial Markets in Yale University

Eduardo Elneser



CFO

- Civil Engineering - Universidad Javeriana
- MSc. Finances - Universidad de los Andes
- Business Administration
- Consultant in BRG & J.S. Held
- Corporate Research and Valuation
- Prevention of money laundering - OFAC & ALD
- Market Research Analyst
- Clients portfolio +€500Million
- Data Science

Dinah Bromberg



Sales & Administration

- Master en Planificación del Turismo
- Architectural design professor & researcher at Universidad del Zulia
- Project Management
- Commercial Representative & Online sales - Tactile Studio, UG
- Professor at Universidad del Barcelona
- Alliances and consortium creato

Advisors

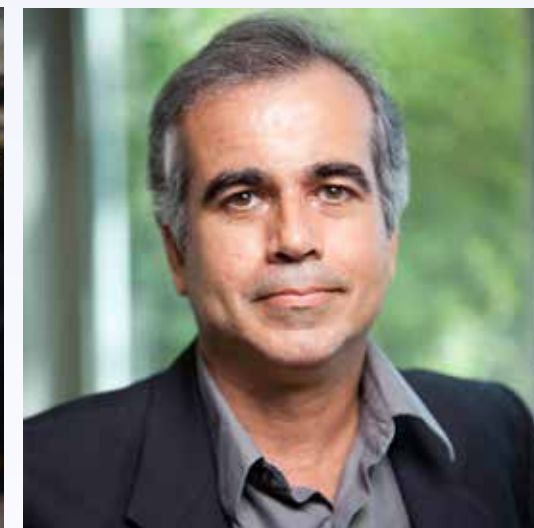
Lisa Stenvinkel



Impact Innovation

- MIT Impact Advisor
- UNDP Project Officer
- House of Ilsa & 15:21 CoFounder
- TEDxStockholm Head Communication
- Innovation & Sustainability Strategist

Pablo LaRoche



Green Architecture

- Sustainable Design Leader - Callison-RTKL
- Sustainable Architecture Institute
- Publish: "Carbon Neutral Architectural Design"

Leo Gutson



Sustainable Finances

- Founder RGN Impact
- First Drop Partner
- Bcorp Leader - Movement Founder Spain
- sAtt Impact Advisor and investor

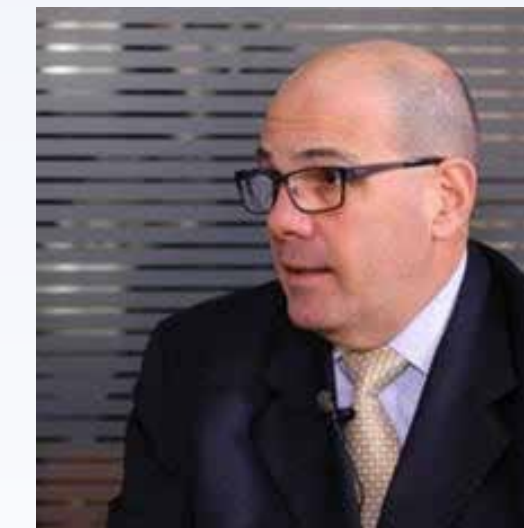
Koustubh Dube



Polymer Specialist

- Co Founder of Climalyst
- PhD in Polymer Chemistry - Rutgers University
- Research in Materials & adhesives performance development

Carlos Beck



Business Development

- Director CEMEX - Mexico
- Executive Director in Confidential
- General Manager: Concretos Cruz Azul

Jorge Bohorquez



Waste Management

- Founder Healthcare Environmental Services
- International Data Depository
- Business Strategist



SUSTEIN

Creators of the
first circular economy
around Healthcare Waste