

# **MATERIALISING SUSTAINABILITY**

## **2023**



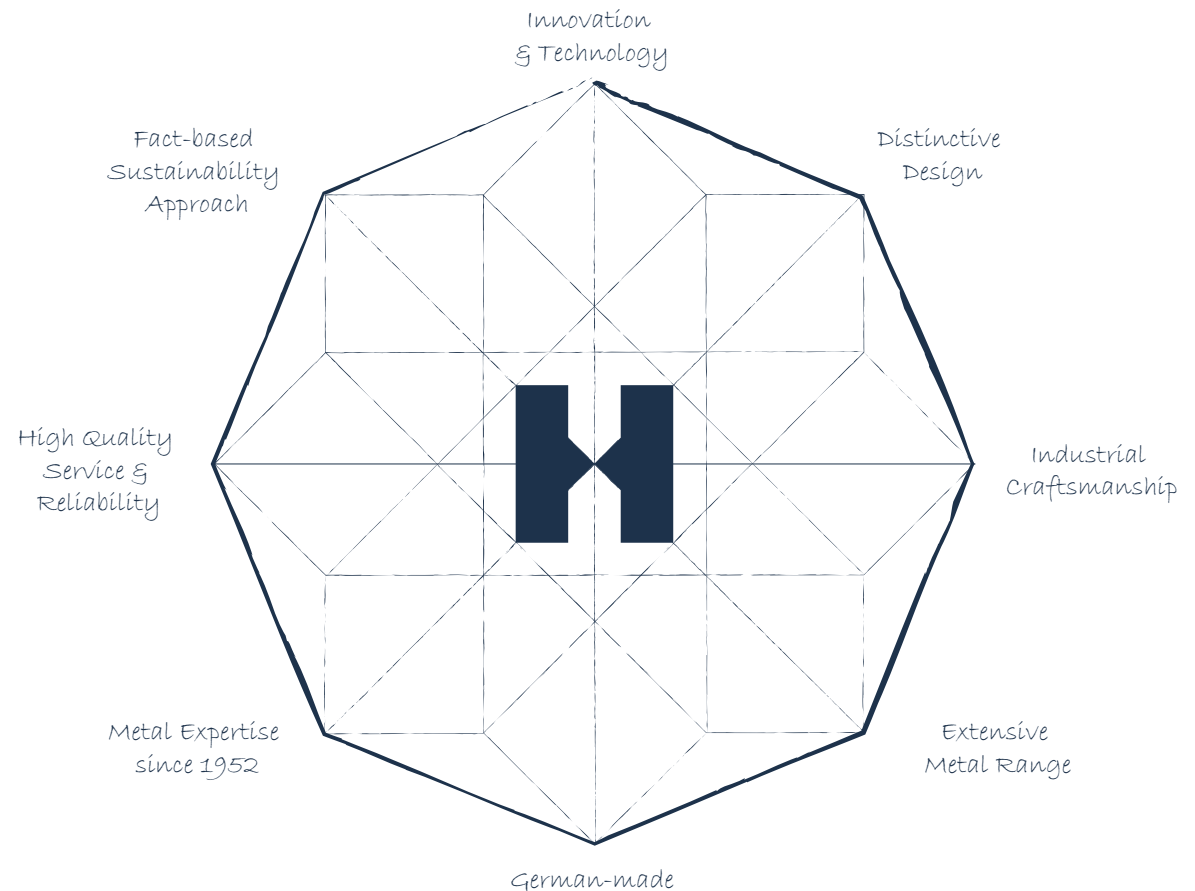
Shaping Emotions in Interiors

# WHO WE ARE

## When technique forges beauty

Keeping the focus on customers and market demands, Homapal has grown from a specialist in laminates with real metal surfaces to one of the leading global manufacturers of special laminates (HPL). Thanks to the Metals and Magnetic & Boards ranges, which are continuously developed and adapted in line with the latest market trends, Homapal solutions offer almost unlimited scope for creativity and customisation.

Homapal uses thin rolled foils made of aluminium, copper, brass and stainless steel. A special embossing process gives the surfaces their unique textures. Homapal laminates are used both in mass-produced furniture and public settings - in hotels and bars, on cruise ships and in clubs, in restaurants and in shops – essentially wherever interior surfaces are to be enhanced.



# OUR HISTORY

 1876

Homann company foundation



1929

Acquisition of the Herzberg plant



1950s

Start of laminate production under the brand Homapal



1970s

Start of laminate production with surface made of real metal



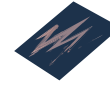
2012

Full acquisition by Formica



1990s

Launch of the Magnetic Boards range (1992) and introduction of coil coating process (1994)



2019/20

New special coating process and launch of SRM - Scratch Resistant Matt collection



2019

Acquisition by Broadview

 1983

Foundation of the company "Homapal" as Joint Venture (50% Formica)



# OUR METHODOLOGY

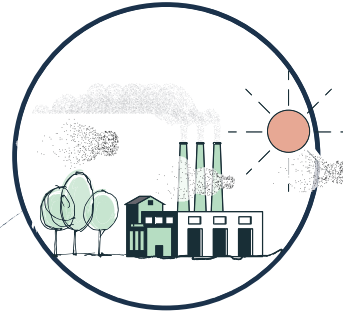
## COMMON SENSE

A balance between product functionality and its impact.



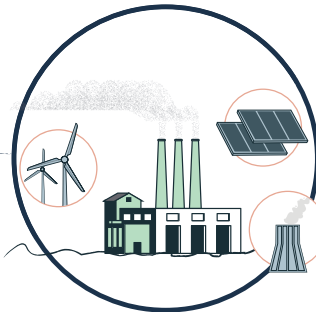
## FACT-BASED

Life-Cycle Assessment (LCA) to quantify the environmental footprint of our products. 3 key environmental indicators:



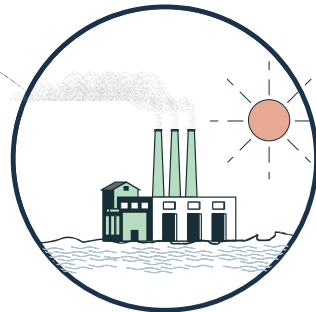
## CARBON FOOTPRINT

The greenhouse gas emissions associated with the activities of an organisation. The main greenhouse gases are carbon dioxide (which is also the most abundant greenhouse gas) and methane.



## PRIMARY ENERGY DEMAND

The amount of energy that has been extracted from the natural environment for the activities of an organisation.



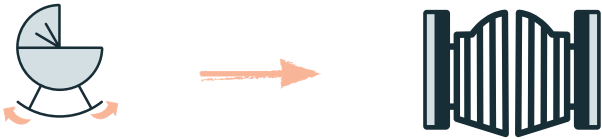
## WATER FOOTPRINT

The impact of water used directly or indirectly for the activities of an organisation.

# OUR APPROACH

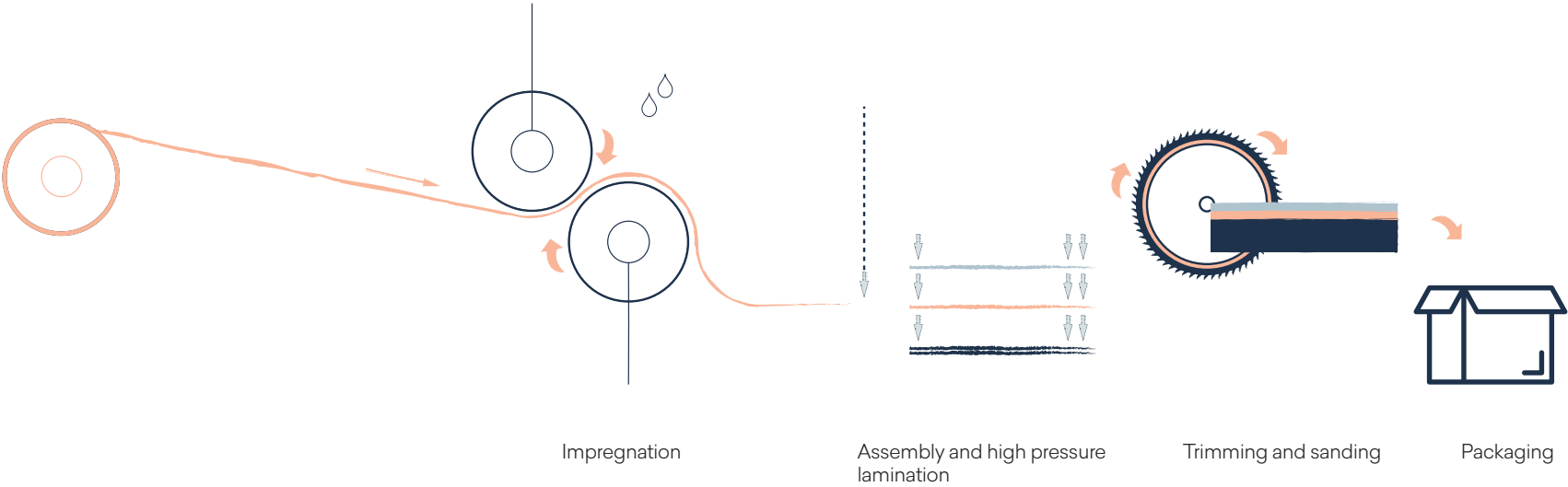
## From Cradle to Gate

We focus on the stages that are under our control and that we can influence. We can improve our processes to make them more efficient and we can select less impactful raw materials.



### RAW MATERIAL EXTRACTION/PRODUCTION

### HOMAPAL'S PRODUCT MANUFACTURING PROCESS



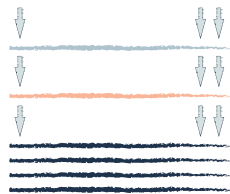
# OUR APPROACH

**PAPER, A RENEWABLE RESOURCE, IS THE MAIN COMPONENT OF THE DECORATIVE METAL SURFACES.**

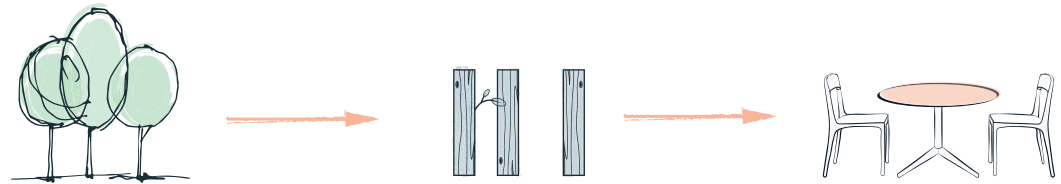
Lacquered metal foil on top

Glue-covered kraft paper

Resin-impregnated kraft paper



**THE CO2 SEQUESTERED BY PAPER (AS A WOOD PRODUCT) IS STORED IN OUR PRODUCTS FOR THEIR WHOLE LIFE-TIME.**



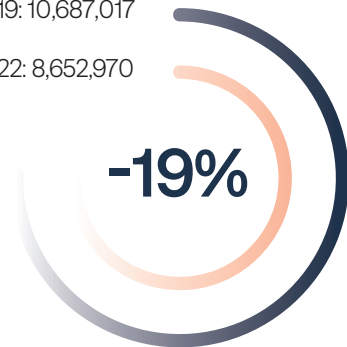
# THE KEY INDICATORS

## CARBON FOOTPRINT

kgCO<sub>2</sub>eq.

Year 2019: 10,687,017

Year 2022: 8,652,970



**-19%**

## CARBON FOOTPRINT

kgCO<sub>2</sub>eq.

Carbon footprint impact includes the CO<sub>2</sub> storage of the wood fibres present in the inside of our panels.

Scope 1 emissions (all direct emissions)

**-17%**

Scope 2 emissions  
(indirect emissions from purchased electricity)

**-12%**

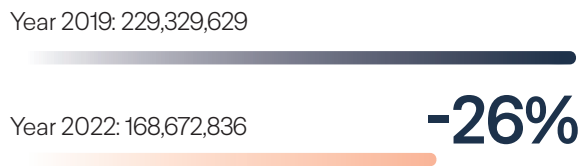
Up stream impact

**-21%**

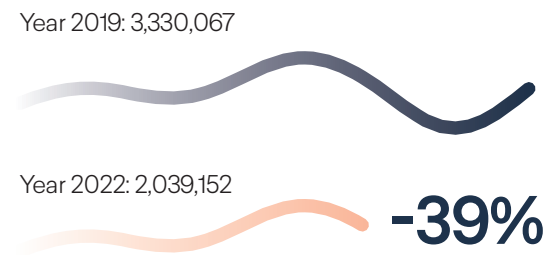
**REDUCING THE CARBON FOOTPRINT IS THE KEY PART OF OUR OVERALL SUSTAINABILITY VISION.**

# THE KEY INDICATORS

## PRIMARY ENERGY DEMAND MJ



## WATER FOOTPRINT m<sup>3</sup>





# OUR TARGETS

**OUR REDUCTION TARGETS FOR 2026 (BASELINE 2019) ARE:**

## CARBON EMISSIONS

**-10%**

**HOW?** Energy efficiency + Sourcing of green power + Sourcing of more sustainable raw materials

## PRIMARY ENERGY DEMAND

**-5%**

## WATER FOOTPRINT

**-180,000 m<sup>3</sup>**

## INCREASE EFFICIENCY

**ENERGY**



More energy-efficient equipment.



Optimisation of manufacturing system.

**MATERIAL**



Optimisation of materials and material waste.

## REPLACE MOST IMPACTFUL ENERGY AND MATERIALS

**ENERGY**



Pursuit of opportunities to replace energy sources with renewable ones.

**MATERIAL**



Increase of the share of bio-based materials in our products.

**MAKING REAL IMPACT FOR LESS IMPACT**

[homapal.com](http://homapal.com)