

CIRCULAR DESIGN - REDUCE - REUSE - RECYCLE - WASTE - RESPONSIBLE RESOURCES - REFORESTATION - CRAFTMANSHIP - TRANSPARENCY - EFFICIENT ENERGY - ENVIRONMENTAL AWARENESS - SUSTAINABILITY

**mater**



# **UN Global Compact**

## Communication on Progress

CoP report 2022

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# Statement on continued support

I am pleased to confirm that Mater reaffirms its support of the Ten Principles of the United Nations Global Compact in the areas of Human Rights, Labour, Environment and Anti-Corruption.

Without making any compromises regarding design and quality, Mater aligns its sustainable mission with the United Nations Global Goals for Sustainable Development and design products that truly make a difference and minimize adverse social and environmental impacts. We do not identify all the SDGs and their underlying goals as equally important to our company, but we do believe all of them encompasses extremely important issues that need to be dealt with.

One of the ambitions this year is to gain greater insight into the footprint we leave especially with our new technology implemented.

Sustainability is a large word, that covers several aspects of the environmental implications. In this report we illustrate how we contribute.



**Ketil Årdal**  
CEO



Founded in Copenhagen in 2006 Mater is a pioneering global brand with sustainability at its core. From the outset the goal was to inspire a global design audience and to engage people in sustainable thinking. Using waste material Mater combines sustainability and circular production with timeless design through collaboration with well-established and new design talents.







**“Every material we use is  
a tribute to a sustainable  
thinking.”**

**Henrik Marstrand**

Founder

## Tonnage Mater removed and upcycled in 2021



**2 tonnes**

Industrial plastic waste



**14 tonnes**

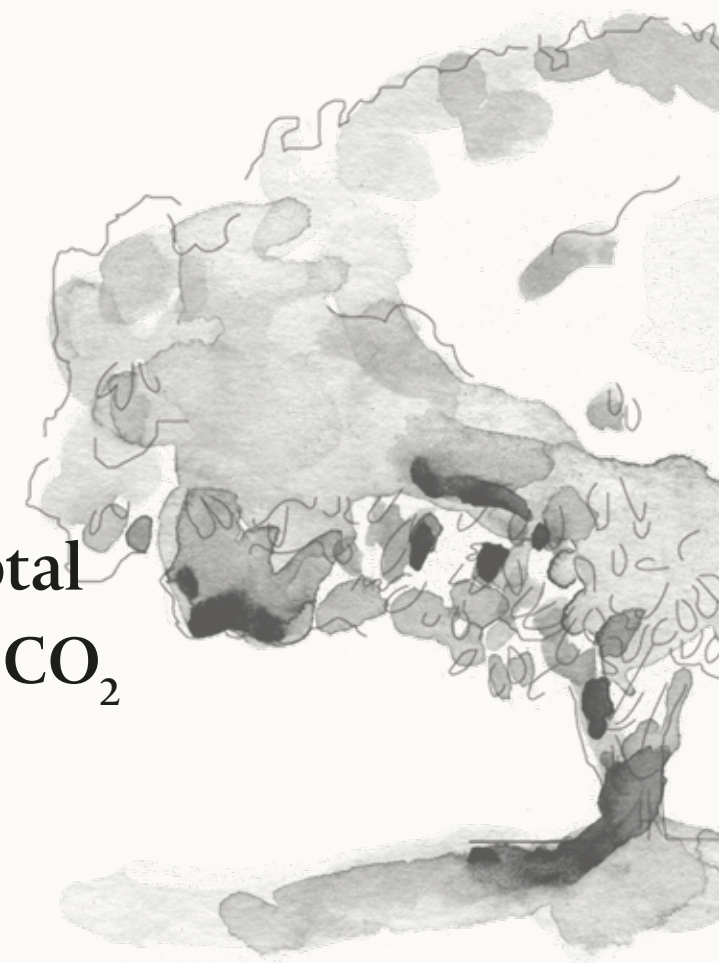
Mango wood



**8 tonnes**

Discarded fishing nets

and in total  
**11 tonnes CO<sub>2</sub>**  
saved





# Our Materials

Every material we use is a tribute to sustainable thinking. Maters foundation and first pioneering steps towards creating timeless sustainable furniture design started in 2006 – and have since then expanded to a wider palette of upcycled and innovative circular materials continually pushing the boundaries of exploring new materials.



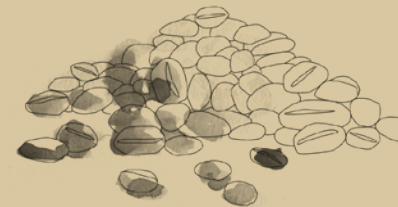
## Industrial plastic waste

Most of our industrial plastic waste comes for large danish corporations, such as plastic waste from production of insulin pens from global diabetes leader – Novo Nordisk.



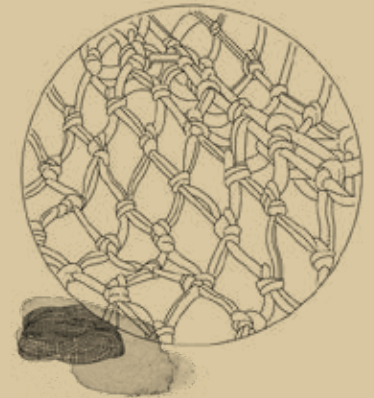
## FSC certified wood

All wooden products in our collection have always been made from FSC certified wood. In an FSC-certified forest no more trees than the forest can reproduce are felled, so the exploitation of nature is avoided. FSC ensures fair wages and a fair trading price and gives full tracability from product to forest.



## Coffee shell waste

Coffee shell waste is a bi-product from coffee bean roasting. Together with BKI Coffee, one the largest coffee roasteries in Denmark, we use this fibre-based waste for several of our shell chairs.



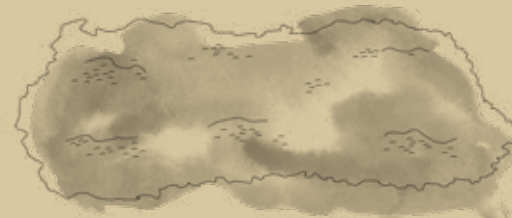
## Discarded fishing nets

Old fishing nets from the ocean is collected, washed, shredded and made into pellets also called 'green plastic'. The ocean waste is used both in our outdoor series and injection moulded chairs.



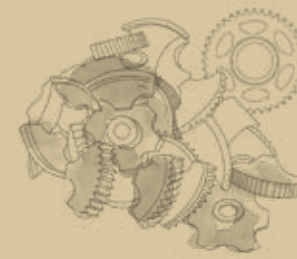
## Upcycled mango wood

When the tree ends it's productive life as a fruit tree a new one is automatically planted. Instead of low value usage such as burning it, the wood is upcycled, to provide income for the struggling woodworking craft. All our mango wood is FSC certified.



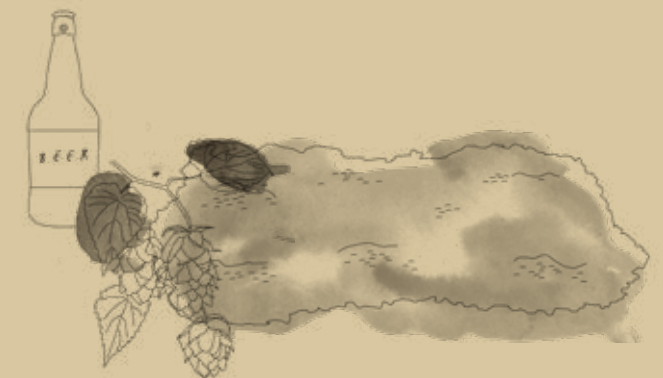
## Wood waste

Wood sawdust collected from the construction of wooden furniture.



## Upcycled aluminum

Old pipes, tubes and other aluminum waste is melted and used for several of our sand casted products. A way of upcycling low value scrap into beautiful design pieces.



## Spent grain waste

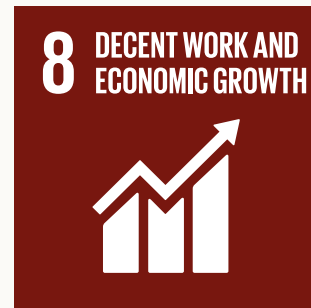
Spent grain waste is a bi-product from the Danish brewery Carlsberg's beer production that we use in several of our new circular products.

We are comitted to

# The Sustainable Development Goals

At Mater we align our sustainable values with The United Nations Global Goals for sustainable development. Today we support eight of them with our collection.





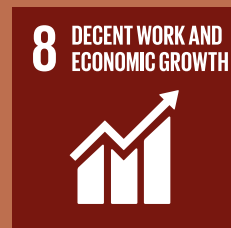
# Decent Work and Economic Growth

Through our code of conduct we make sure that we work toward better standards – safe working conditions, fair wages, fair price and to follow the local environmental standards.

All our wooden products is, and have always been FSC certified, FSC insures fair pricing and fair wages as well as fair working conditions.



## How we support



## All our wooden products are FSC certified. FSC ensures fair wages and a fair trading price

The planet and its people are in the center of all our actions. With our suppliers we always try to engage in dialogue and we try to teach them about the importance of safety and health. Further it is important to Mater that those who work on our designs are paid a fair wage. This is particularly important to ensure when we work with smaller suppliers.





# Industry, Innovation and Infrastructure

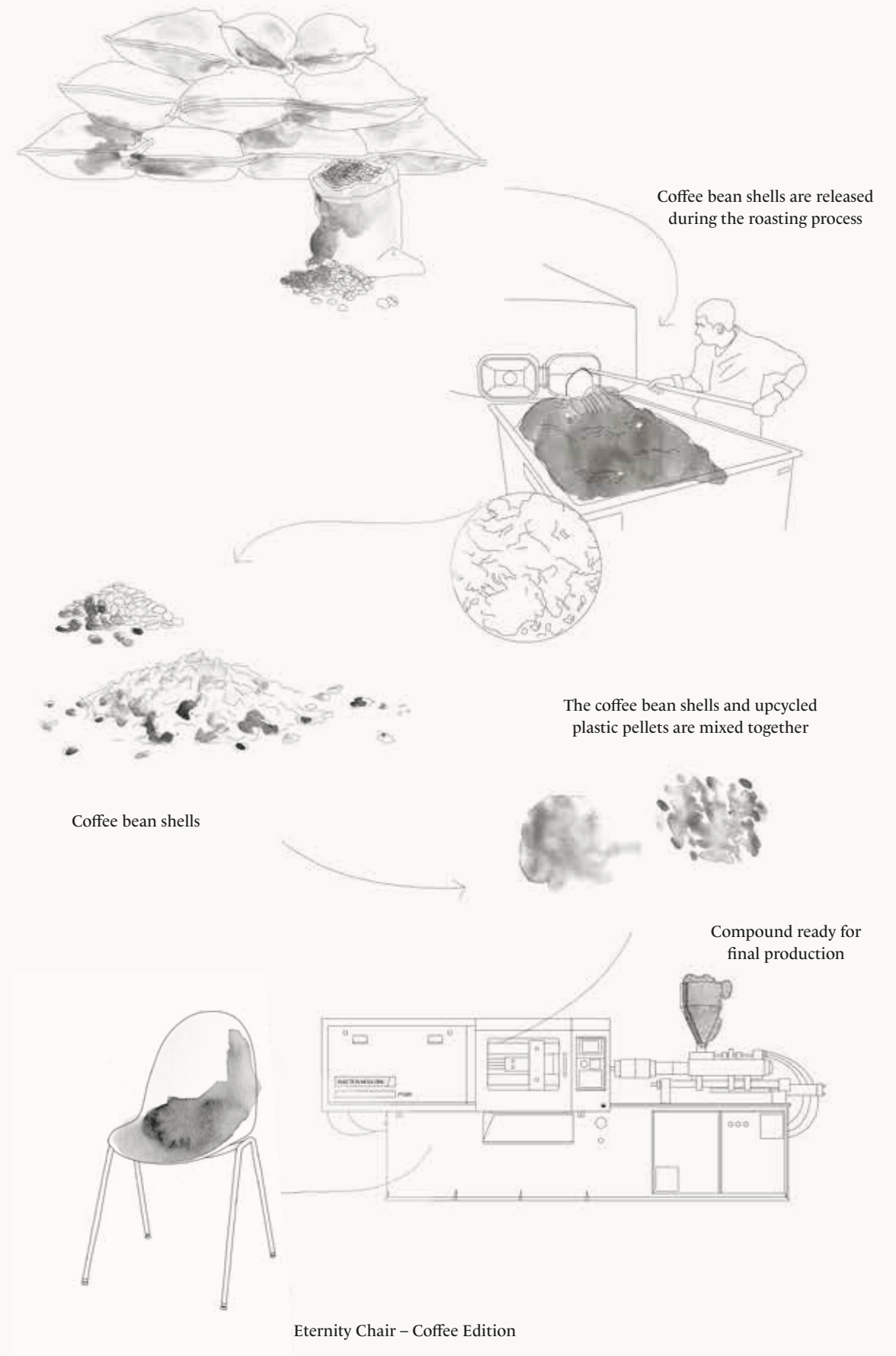
We bring new innovative production techniques into the furniture business, by upcycling large companies industrial waste into our furniture and lighting collections. By mid 2021 we have invested in a revolutionary circular production facility to scale our production of circular design.

How we support



## An innovative and patented new technology allows us to upcycle fibrebased waste materials with upcycled plastic waste

This unique mixture can be used for press moulding.  
The technology allows us to upcycle industrial waste more efficiently while reducing carbon emissions, which means we use resources we already have available instead of them being burned.







# Responsible Consumption and Production

Our new patented waste technology allows Mater to reuse the material. All pieces made with Mater Circular Material can be recycled up to five times and made into new furniture. This is an essential step towards Mater's vision of becoming one hundred percent circular

**How we support**



**All pieces made with Mater  
Circular Material can be recycled  
and made into new furniture.**

New circular products are made for easy disassembly and chair  
seats can be recycled into new products up to five times.





# Climate Action

Using circular and upcycled materials in our design supports a reduction of carbon emissions.

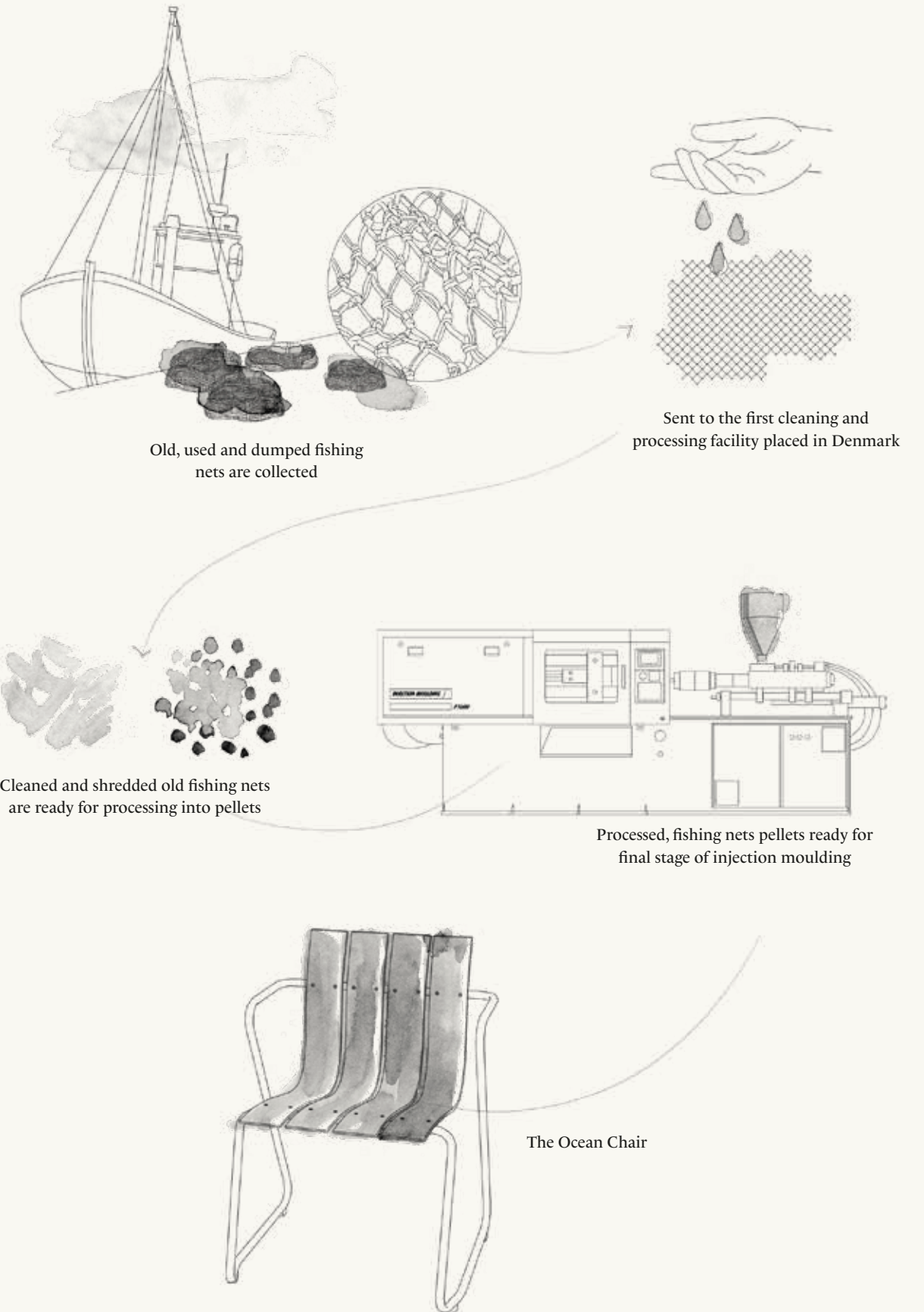


## How we support



## Outdoor furniture made from Carlsberg's upcycled beer kegs

The slats are made from upcycled plastic beer kegs, from one of the leading breweries in the world, Danish Carlsberg. To produce one Ocean OC2 Chair seat 3 of Carlsbergs plastic beer kegs are used.





# Life Below Water

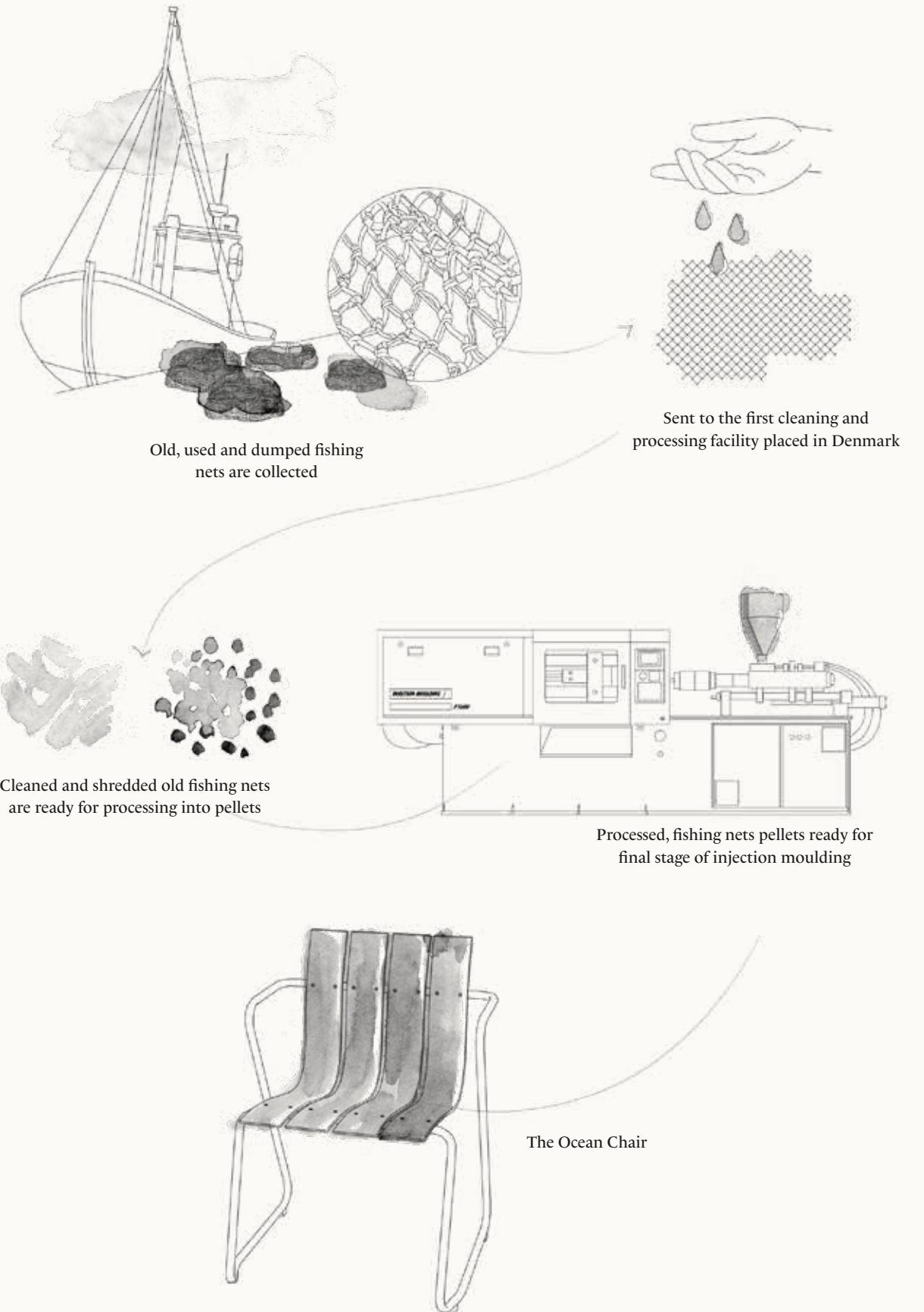
Both our Ocean and Nova Sea collection are made of discarded fishing nets from the oceans. These collections contribute to reducing landfill, marine pollution and the loss of valuable resources.

## How we support



## One Ocean Chair seat saves up to 82 % CO<sub>2</sub> emissions compared to virgin equivalents

One single Ocean chair uses 960g of ocean plastic waste. The Ocean collection is largely made from ocean plastic waste, one of the most important issues facing our planet. A new innovative business model motivates the fishermen across the world to dispose their discarded fishing nets.





# Life on Land

All our wooden products are FSC certified.  
In an FSC-certified forest no more trees  
than the forest can reproduce are felled,  
making sure that the exploitation of nature  
is avoided.



## How we support



## Every time we harvest a tree, a new one is planted

All wood in our collection is labeled and produced in FSC® certified wood. When producing furniture from FSC certified wood we support well-managed forestry. In an FSC-certified forest no more trees than the forest can reproduce are felled, making sure that the exploitation of nature is avoided.

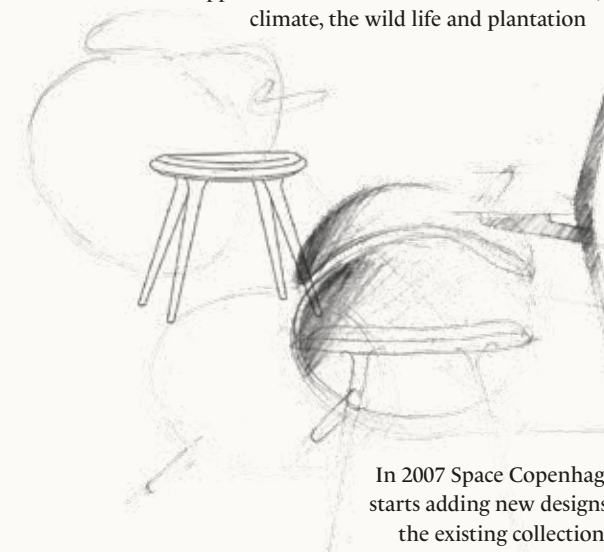


2009: Launch of High Stool by Space Copenhagen

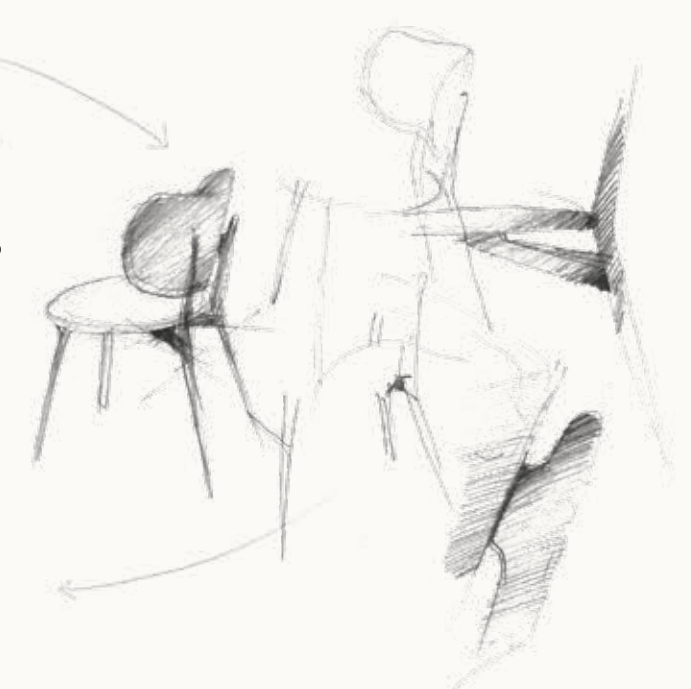
2014: High Stool achieves pioneering FSC certification approved forests benefits our environment, our climate, the wild life and plantation



In an FSC-certified forest no more trees than the forest can reproduce are felled, so the exploitation of nature is avoided



In 2007 Space Copenhagen starts adding new designs to the existing collection



The Dining Chair



# Partnerships for the Goals

We work with a range of production partners with the same ambition as Mater – to create partnerships for change. Together we are committed to keep searching for new and better ways of making timeless design in the most responsible way.

## How we support



## Together we are committed

After years of research for more sustainable ways to create furniture, lighting and objects we now work with a range of production partners with the same ambition as us, creating partnerships for change and supporting the United Nations Sustainable Development Goals.

Together we are committed to search for new and better ways of making beautiful design – in a responsible way.

## NEW products made from waste materials



Børge Mogensen Conscious Chair. Made of Coffee waste and Industrial plastic waste.



Eternity. Made of coffee waste and Industrial plastic waste.



Bowl table. Made of sawdust and Industrial plastic waste.

Considering the planet,  
its resources and its people.

**mater**