

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

mater
Circular since 2006



UN Global Compact

Communication on Progress

CoP report 2021

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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.

Together in 2020 we have achieved some great sustainable milestones. From our collections made of ocean plastic waste, 19 tons of plastic waste from the oceans has been removed from the oceans and upcycled. All wooden products in Mater are, and have always been, FSC certified which means that 6.250 trees have been Re-plantet. A total CO₂ emission saving of 14 tons of CO₂. It is a great satisfaction knowing that the improvements we make, pays off.

In 2021 we can measure the total climate footprint relating from all our products with a new Screening Tool from the Danish Company *Målbar*. With the Measurement tool, we can now both analyse, optimize and communicate more clearly on the choices and the effects of those.

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



Ketil Årdal
CEO



Circular since 2006

Founded in Copenhagen in 2006, Mater was created to be the pioneering global brand with sustainability embedded in its core.

From the very beginning the ambition was to inspire a global design audience and engage people into sustainable thinking. Mater combines sustainability and circular production using waste, with timeless design, through collaboration with an external base of well-established and new design talents.



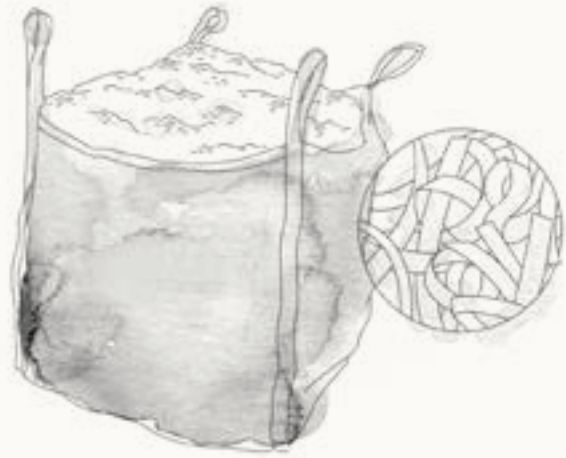
“All our products must be designed to address one or more of the sustainable development goals. If this is not possible we will not produce it.”

Henrik Marstrand

Founder

Together in 2020 we have achieved some great sustainable milestones

Explore some of them below



Upcycled **19 tons**
of plastic waste from
the oceans



Helped large
companies making
value of their waste



Removed **14 tons**
of CO₂ from
our planet



Re-plantet **6.250**
new trees

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



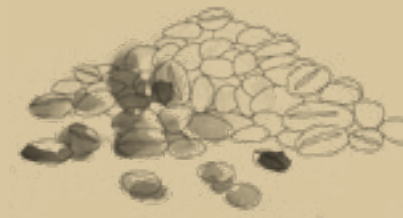
FSC certified wood

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.



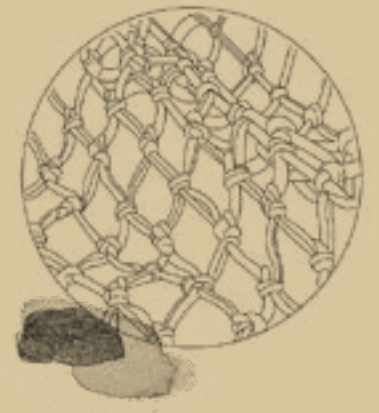
Upcycled mango wood

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 wood-working craft. All our mango wood is FSC certified.



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.



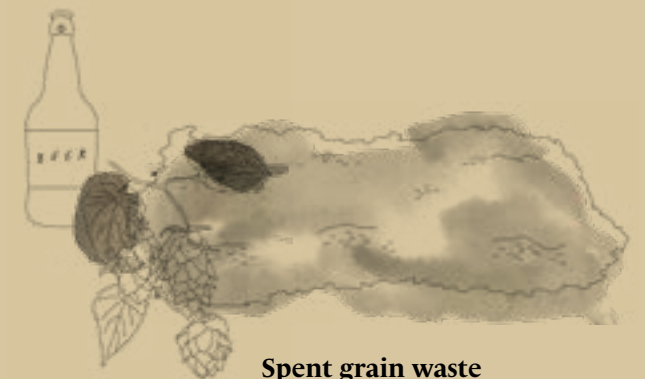
Discarded fishing nets

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 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.



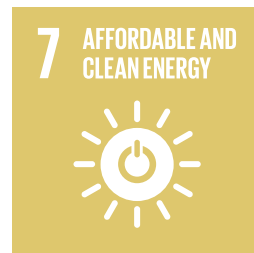
Spent grain waste

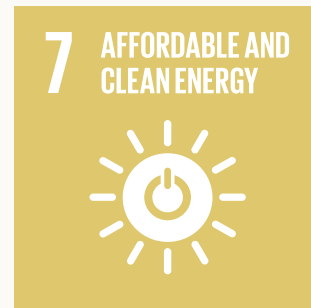
Spent grain waste is a bi-product from the Danish brewery Carlsberg's beer production that we use in several of our new circular products.

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.

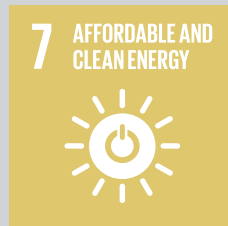




Affordable and Clean Energy

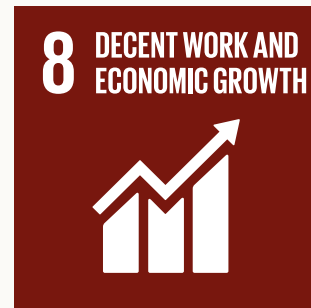
All our lighting is made of materials with sustainable elements – from upcycled aluminum to certified wood. We recommend LED technology to all our lighting collection as this is the most sustainable source of lighting to help saving energy.

How we support



We recommend LED to all our lighting. LED saves up to 85 percent energy compared to old energy sources and can last up to twenty years



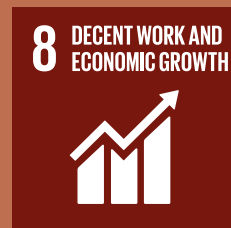


Decent Work and Economic Growth

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.

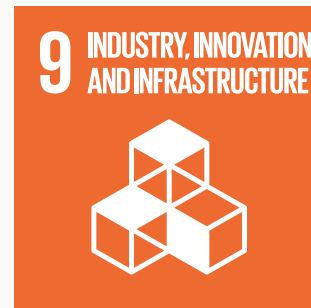
How we support



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.

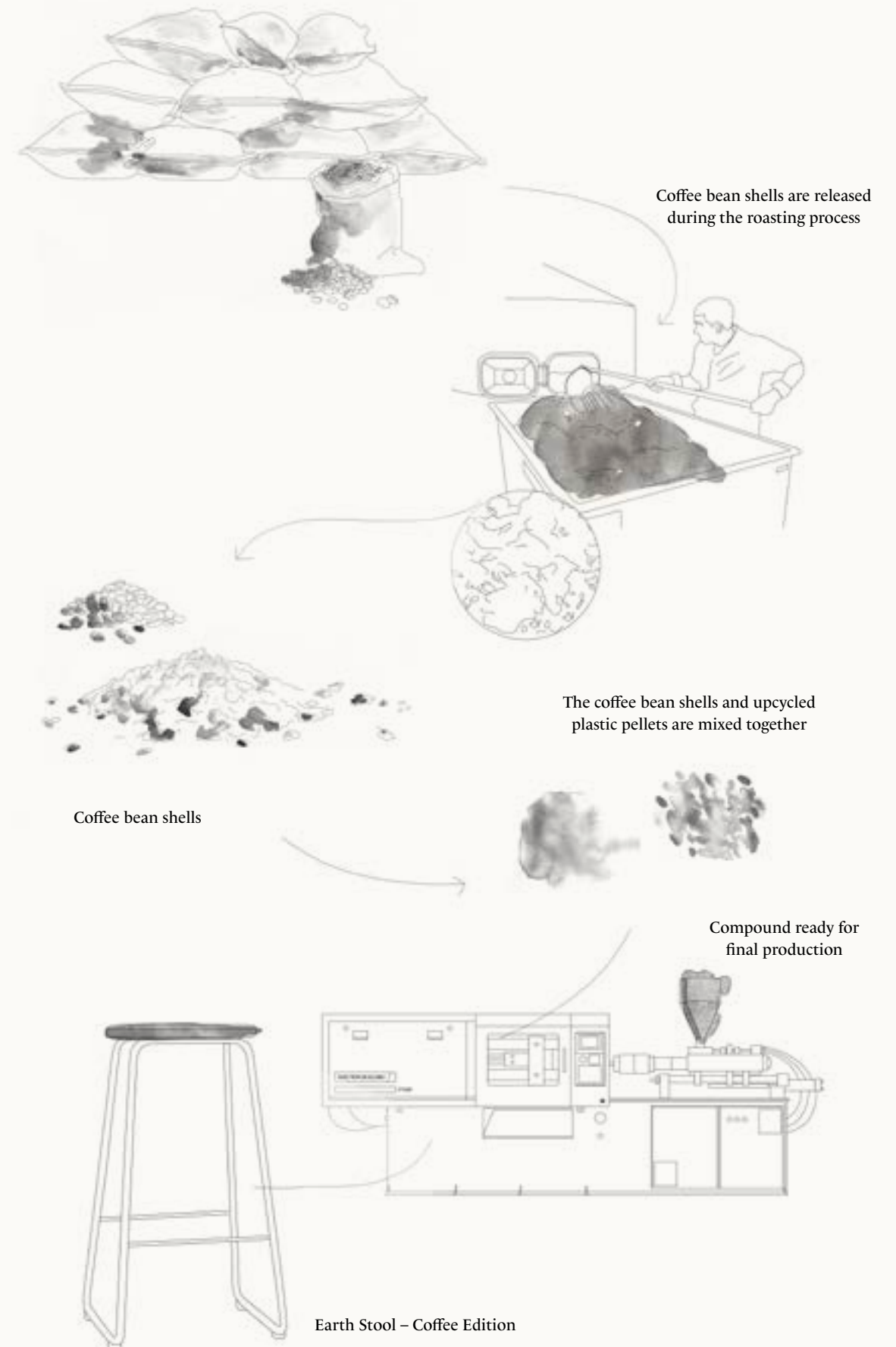
How we support



A new ground-breaking production technique allows Mater to upcycle waste materials and turn it into useful and unique design solutions

The waste materials are mixed in a unique composite suitable for press moulding – a method designed to upcycle industrial waste from large global companies in a new way.

An example is our Earth Stool seat is made from upcycled plastic waste from production of insulin pens mixed with coffee shell fibre waste, thus creating a completely new innovative material finish.





Responsible Consumption and Production

Sustainable consumption is about doing better with less. With our circular waste production we support a consumption driven change, the more circular design we sell the more waste we remove.

How we support



Textile made from upcycle consumer plastic waste

Post-consumer upcycle polyester is made from post-consumer waste such as PET plastic bottles that would otherwise have been incinerated or ended up in landfills. The recycling process results in lower CO₂ emissions than the process of making virgin polyester fibres and eliminates the need for new raw materials.





Climate Action

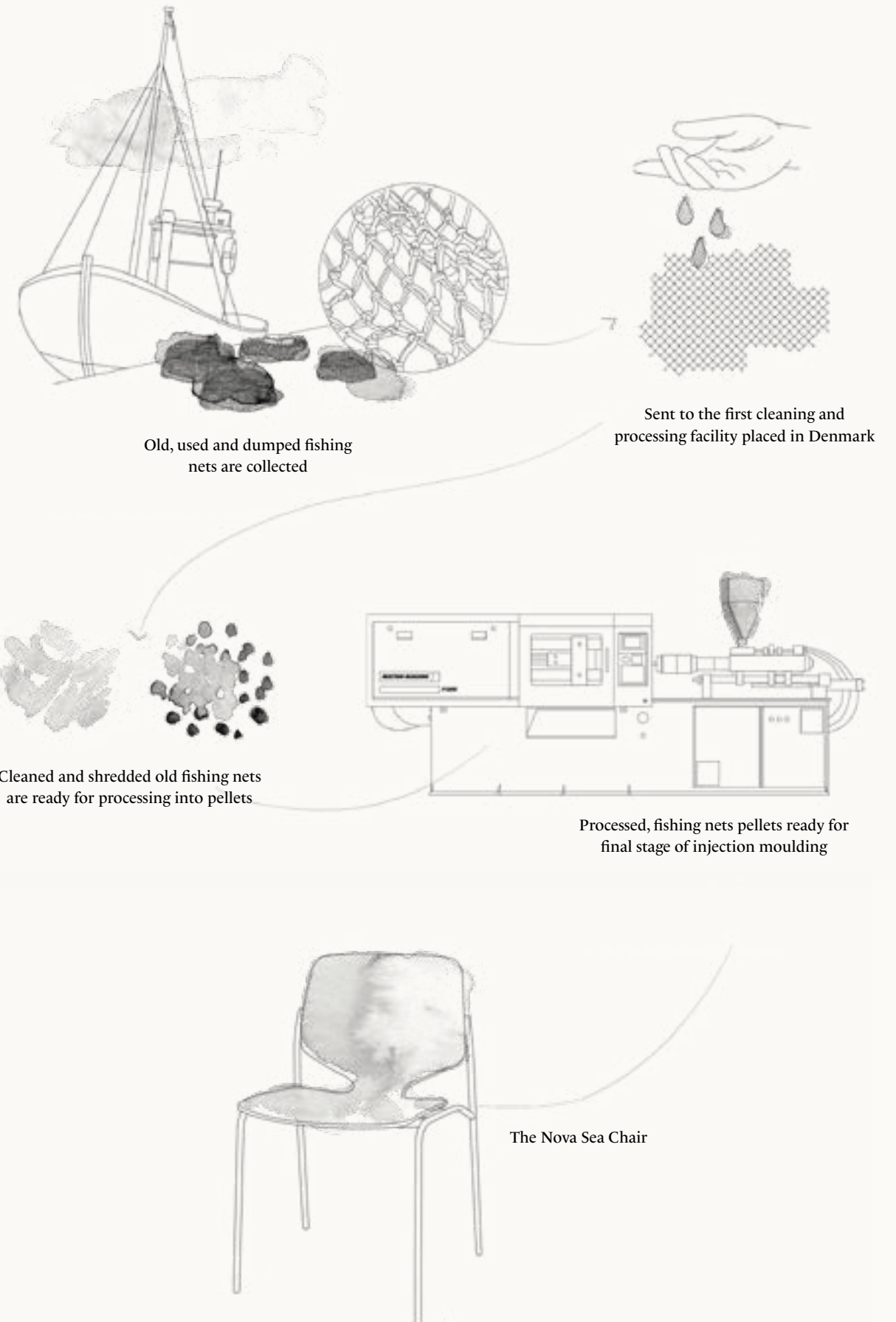
Using circular and upcycled materials in our design supports a reduction of carbon emissions. In 2021 we can measure the total climate footprint relating from all our products with a new Screening Tool from the Danish Company *Målbar*. With the tool, we can now both analyse, optimize and communicate more clearly on the choices and the effects of our production.

How we support



Shell made from 96% upcycled ocean waste plastic

Nova Sea is largely made from ocean plastic waste, one of the most important issues facing our planet. A new innovative business model motivates fishermen across the world to dispose of their discarded fishing nets.





Life Below Water

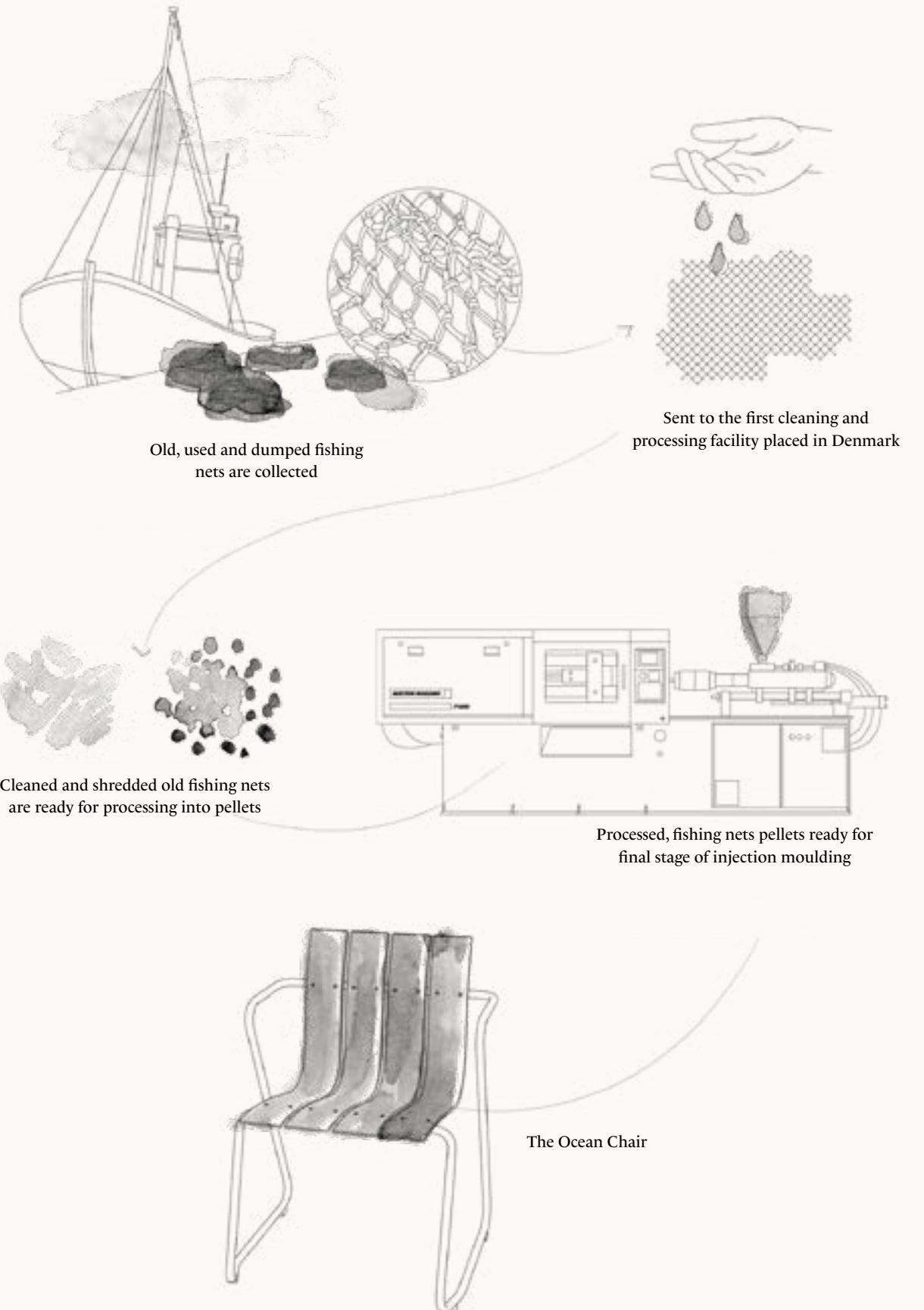
Both our Ocean and Nova Sea collection are made of discarded fishing nets from the oceans. These collections contribute to reducing landfill, marine pollution and the loss of valuable resources.

How we support



One Ocean Chair seat saves up to 82 % CO₂ 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.

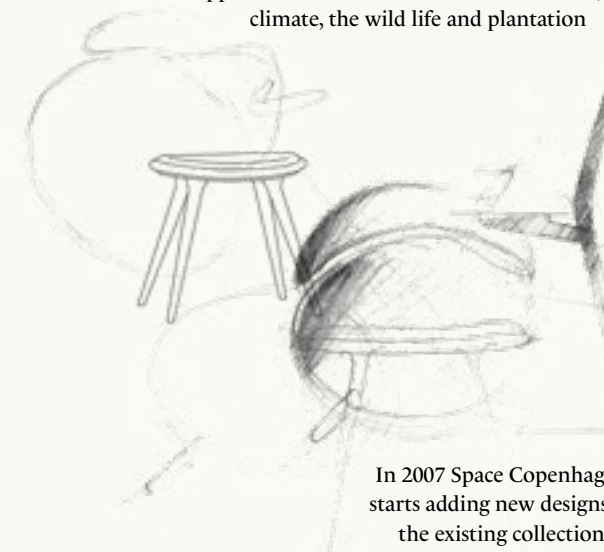


2009: Launch of High Stool by Space Copenhagen

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.

Product made of waste from Carlsberg, Novo Nordisk or BKI Coffee



Considering the planet,
its resources and its people.

mater
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