

CASALA CIRCULAR



casala^{circular}

DESIGN LINKED TO FUNCTIONALITY

Casala specialises in the production of stylish contract furniture that excels in both design and functionality. "Design linked to Functionality" is deeply rooted within our DNA and plays a major role in the design process. We work together with leading designers in our industry. More than hundred years of experience in furniture guarantees that Casala furniture offers a lot of comfort and ease of use in addition to high quality.



Casala Circular

- > Circular activities
- > Casala collection and circularity
 - > Circular fingerprint
 - > Take back guarantee
- > Sustainability in our genes
 - > Used materials



Circular activities

Our goal in terms of the Circular Economy is simple but effective: successful corporate social responsibility with the focus on a sustainable world.

To achieve this, we take steps in all areas that help us and our clients to create beautiful and functional furniture with as little impact on the earth as possible. In doing so, we do not only look at our own activities. We are also constantly looking for the optimal circular working methods with our suppliers and clients.

LOCATION

Goede Doelen Lotenijen, Amsterdam - NL

ARCHITECT

Bentheim Bouwel Architects

INTERIOR DESIGNER

D.Dock

PHOTOGRAPHY

Tessa Jol

WE DIFFERENTIATE THREE ACTIVITIES IN OUR APPROACH



Casala Furniture has an excellent story to tell within the Circular Economy. The whole collection has been developed on the basis of sustainable principles. We guarantee the take back of all Casala products after a long period of use. This applies both to new deliveries as well as already-delivered Casala products. After recovery, we integrate this furniture into our circular ReFurniture activities.

Read more: www.casala.com/circularfurniture



Uses furniture that we refurbish for a second life. Casala offers a varied range of furniture from our own and other brands that are given a new life after being refurbished in our production plants. This furniture will be delivered with a guarantee and in the colour and design desired by the client.

Read more: en.re-furniture.nl



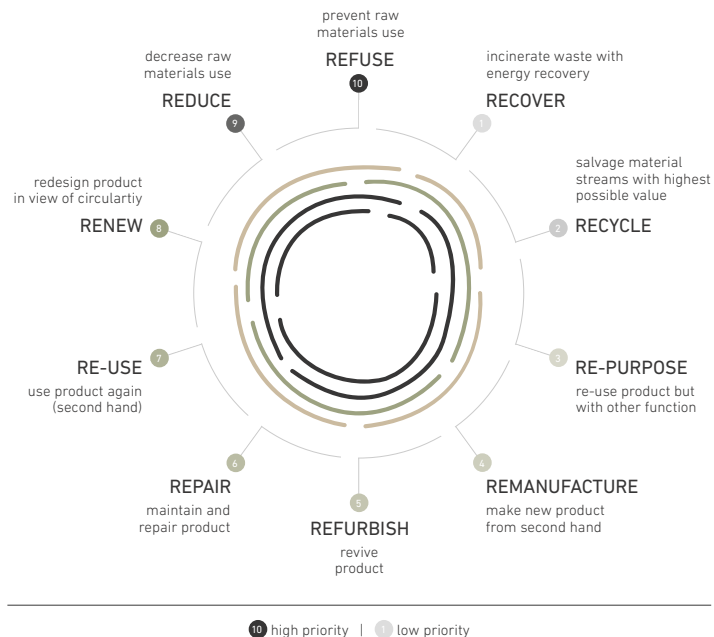
Casala furniture that is surplus for various reasons. This consists of new furniture that is available at competitive prices. In this way, the furniture is given a functional purpose instead of being recycled. Read more: en.outlet-furniture.nl

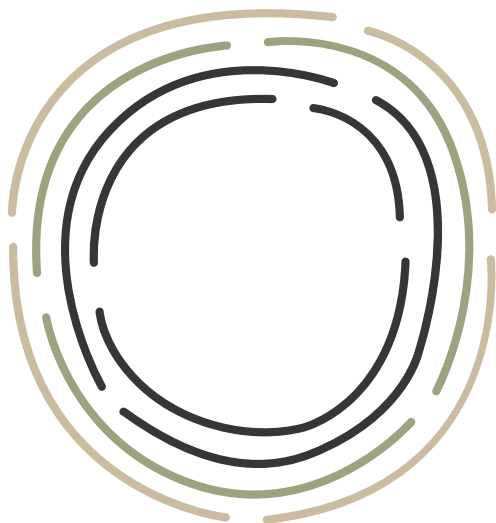
Casala collection and circularity

The Casala furniture collection is extremely suitable for the Circular Economy.

For all Casala products, we guarantee the recovery and re-use to the highest possible level according to the 10 R levels of circularity, including existing Casala products.

LEVELS OF CIRCULARITY - 10 R'S





Circular fingerprint

Several product ranges within our collection already have an exceptionally high content of recycled material. These products are recognisable by the Casala Circular fingerprint.

Within the Curvy and Feniks product families, a number of models, under Circular Guarantee, are furthermore provided with a guaranteed return value. As a result, the new owner is guaranteed a fixed residual value at the end of the usage cycle; the furniture is taken back by Casala and re-used to the highest possible level.



Take back guarantee

Do you have used Casala furniture? For all furniture produced by Casala, we guarantee take back and processing into new products. That also applies to >15-year-old furniture.

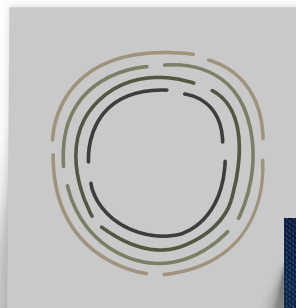
Casala can transform commonly used chairs and tables, conference chairs and tables into excellent products for circular projects. We are able to assist you and reduce the worries and cost associated with the disposal of your furniture. And if it is possible, we will give you a realistic trade-in price as well. Subsequently we ensure that your surplus furniture gets a second life. Read more: en.re-furniture.nl



Sustainability in our genes

Since 2004 — the year we started developing the current collection in the Netherlands — Casala has been developing its products on a sustainable basis.

Most of the products we have introduced since then, such as Curvy and Feniks, are still current more than 15 years after their introduction. Depending on the type of upholstery used, they consist of 100% recyclable new materials.



Circular furniture

- > Design
- > Production
- > Second Life
- > Recycling
- > Curvy Circular Family
- > Available circular plastic colours





Design

Casala products are designed for a long lifespan; our designs are timeless and of high quality. A product with a long lifespan is a basic prerequisite for the Circular Economy.

Our product development is focused on easy disassembly and separation of materials and minimising the use of new materials. By intelligent positioning of reinforcements in plastic and aluminium cast parts, these can be made thinner. As much recycled new material as possible is used to minimise the impact on the earth when it comes to mining new materials. By simply disassembling and separating materials, refurbishing the furniture and ultimately recycling 100% of the materials that make up products, it also becomes economically attractive.

Production

Casala furniture is produced in the Netherlands under good working conditions and by well-trained employees. Obviously, we operate within the Dutch environmental standards, but we do much more to make our production more sustainable.

We purchase renewable energy, generate energy from our own pressed pellets from our sawing waste, and use environmentally friendly production techniques such as laser cutting steel and computer-controlled dust cutting machines. This minimises the use of new materials, the production of waste, CO₂ emissions and energy consumption.



RAW MATERIALS ARE PURCHASED LOCALLY AS MUCH AS POSSIBLE

Raw materials and semi-finished products are purchased locally as much as possible; mostly, within Western Europe and always from a guaranteed responsible sources. The FSC® and PEFC™ certification of our wooden components and the cooperation with 'Der Grüne Punkt' in the area of plastics also guarantees this independently. The selection of suppliers who work with Casala takes careful consideration. The degree of sustainability, supported by certificates in accordance with FSC® or PEFC™ and ISO14001, is an important part of this process.

Residual materials are avoided as much as possible during production by very specific purchasing and by applying production methods that are optimised in terms of material technology. Residual materials from production are collected separately, collected by local partners and processed into new raw materials. Where possible, residual streams are returned directly to the supplier to make new parts. For example, cutting off waste steel, worn or broken leg caps from chairs and tables, plastic seats and backrests, they are used again to make new products.



The mark of
responsible forestry



ReFurniture

Casala furniture is "designed for disassembly". In our production, we can optimally refurbish products and make them suitable for a second life.

In addition to our own furniture, at ReFurniture we also give furniture from other brands a second life.



Recycling

There will come a time when Casala furniture will no longer be eligible for re-use. At that time, our products can be disassembled and the parts are almost 100% recyclable.





Stone Grey



Ocean Blue



Lava Black



Forest Green

Curvy

Circular Family

The Curvy Family programme has a recycled alternative, where the plastic seats and backs are made from 100% recycled material. The new components are made from plastic household waste. This innovative, optimally recycled solution is currently offered by Casala for the Circular models Curvy, Cello and Cobra.

This results in a 100% recycled, environmentally friendly plastic seat and back, which are available in 4 colours. And they are also 100% high-quality recyclable! This production method makes a fundamental contribution to the environment. By recycling plastic, a closed loop is created and the environmental impact is reduced:

- > Plastic can be produced without the use of crude oil.
- > Energy consumption is significantly lower than for the production of new plastics.
- > CO₂ emission values and other polluting emissions are much lower.
- > We help reduce the pile of plastic waste.
- > Until recently, only down-cyclable waste was up-cycled into a premium product.

Due to the limited availability of secondary steel and the specific requirements for the strength of the steel, the proportion of recycled steel is currently a maximum of 35%. The proportion of recycled material in a new Curvy Circular chair is, because of this, the maximum achievable.

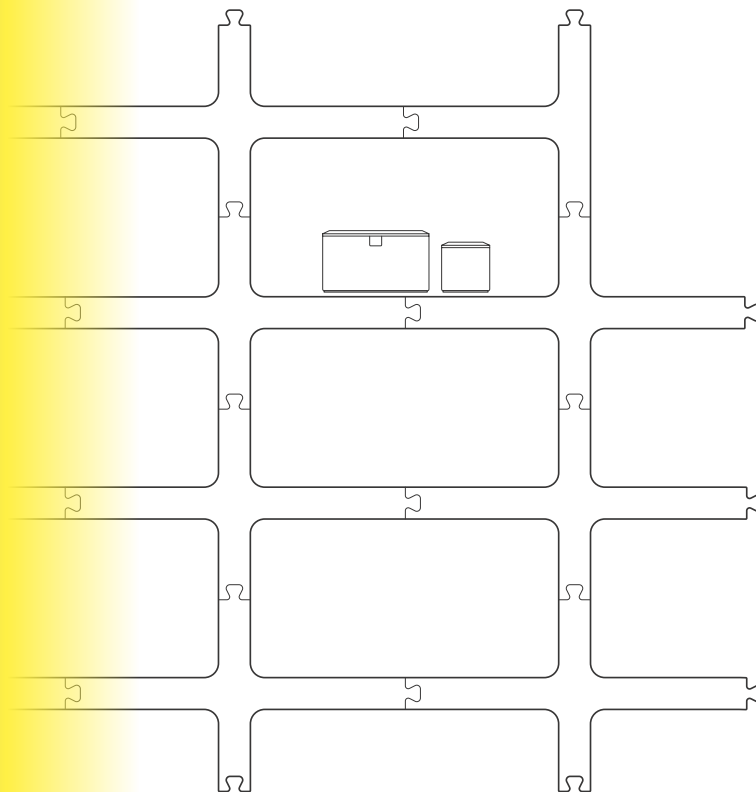
Environmental certificates and standards

We want to reduce the impact of our activities on the environment for the next generation in the right way. Independent evidence of our sustainable actions and the certificates that we, our co-makers, suppliers, transporters and other partners in the supply chain have, are backed up by the regular audits.

- > Casala is ISO 9001 & 14001, FSC® and PEFC™ certified.
- > Suppliers in the supply chain are ISO 9001 & 14001, FSC® and PEFC™ certified.
- > Practically all products containing wood can be supplied with an FSC® or PEFC™ claim.
Ask for our FSC® certified products.
- > NEN-EN 16139:2013: The majority of Casala chair programmes hold the NEN-EN 16139:2013 certificate.
- > EN15372:2016: The majority of Casala's table programmes are EN15372:2016 certified.
- > Geprüfte Sicherheit ("Tested Safety"): Much of the Casala furniture has the 'Geprüfte Sicherheit' (GS) seal of approval. This is a quality label for the technical equipment (strength) of our furniture.
- > NPR 8313: NEN drafts a Dutch guideline for definitions and measurement methods for circular contract furniture in cooperation with partners.



The mark of responsible forestry



BY OFFERING
FURNITURE WITH
A CIRCULAR
WARRANTY,
CASALA STIMULATES
THE RETURN
STREAM OF ITS
USED PRODUCTS IN
ORDER TO FURTHER
STIMULATE
THE CIRCULAR
ECONOMY.

Guaranteed re-use of existing furniture

The furniture which is returned goes into our production. Generally, the furniture is refurbished and offered in the ReFurniture range via en.re-furniture.nl.

If that is not possible, parts are reused for new products. Non-reusable parts and materials such as floor glides and armrests are separated and responsibly recycled.

Der Grüne Punkt, Cologne - DE

LOCATION

Der Grüne Punkt, Cologne - DE

ARCHITECT

Sabine Szkowron / angestellte Architektin HW Pütz

PHOTOGRAPHY

Mattias Heynen



Der Grüne Punkt (DE) is a pioneer in circular activities and the first organisation worldwide to collect waste in addition to the government's waste collection system. For approx. 30 years (since 1991) Der Grüne Punkt has been focusing on return systems and the processing of return streams into new materials. Der Grüne Punkt is now a leading supplier of recovery systems.

Until recently, it was impossible to upgrade general plastic household waste to high-quality products such as a chair seat and backrest. With the innovative processing process of Der Grüne Punkt, this is now possible. And these products are, of course, also 100% recyclable.





Casala is a client of Der Grüne Punkt for recycled plastic parts. They asked us if we were able to supply chairs with a seat and backrest based on their new high-quality recycled plastic granulate. We were happy to take on this challenge. After the necessary quality and processing tests in our production process, 335 seats and backs were produced. These new plastic parts can be used in Curvy chairs, Cobra chairs and Cobra barstools.



DER GRÜNE PUNKT HAS NEW CHAIRS WITH 100% RECYCLED SEATS AND BACKRESTS.



RESULT

Der Grüne Punkt has new chairs with 100% recycled seats and backrests. This minimises the use of primary new materials.

SAVING

What's more, the total saving on CO₂ emissions for this project - compared to new chairs with standard plastic seats and backrests - is approximately 1340 Kg CO₂.

From waste to chair

The film 're-use of sorted household waste' shows how Casala, in close cooperation with Der Grüne Punkt, produced chairs whose seat and back are made from 100% recycled plastic household waste.

Watch the movie



READ MORE :
www.casala.com/circular

