

Climate re—port 20 —23



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Welcome to TAKT Climate Impact Report

At TAKT, we believe transparency is essential to progress. It empowers our users to make informed decisions about the impact of their furniture, and it helps us focus our efforts on continual improvement.

For us, sustainability is not a fixed destination but an ongoing journey. Our goal is to create meaningful and beautiful products and services that minimize our environmental footprint - to be a positive contribution.

On our website, you can explore detailed carbon calculations for each of our products. This Climate Impact Report 2023 brings it all together, aggregating emissions from all products sold and including corporate emissions not covered by product-specific data.

In 2023, we achieved a 28% reduction in our carbon footprint—from 502 tonnes CO₂eq to 360 tonnes. This was driven by a combination of factors: fewer products sold, a mix of products towards lower emissions, and reduced emissions from our digital operations.

I hope you will find our Climate Impact Report 2023 useful.

Henrik Taudorf Lorensen, Founder

Carbon Footprint 2023

Calculating our Green House Gas Emissions

The GHG Protocol is the most widely adopted accounting standard for calculating the climate footprint – 95% of Fortune 500 companies use it for calculating CO₂eq emissions, and it provides companies with a uniform way of calculating their overall climate footprint. This also allows companies to understand which activities drive the climate footprint. We have made detailed product calculations based on the PEF protocol and added to this corporate emissions that are beyond the product (e.g., emissions from digital advertising, emissions from employee commuting, etc.) to reach a full scope 1-3 overview.



PEF protocol for product emissions

We rely on the Product Environmental Footprint (PEF) method for calculating the green house gas emissions of our products. PEF is the method defined by the European Commission for calculating a product's entire life cycle environmental footprint. It allows for comparing different products across industries and sectors. It is a stricter method that minimizes individual interpretations and judgement.

3rd party verified environmental report

Over the past few years, we have collaborated with our partner MÅLBAR and Bureau Veritas to achieve full external verification of our product calculations, as well as a comprehensive environmental mapping of our popular Cross Chair series. The final assessment evaluated 17 different environmental aspects and analyzed their relative impacts.

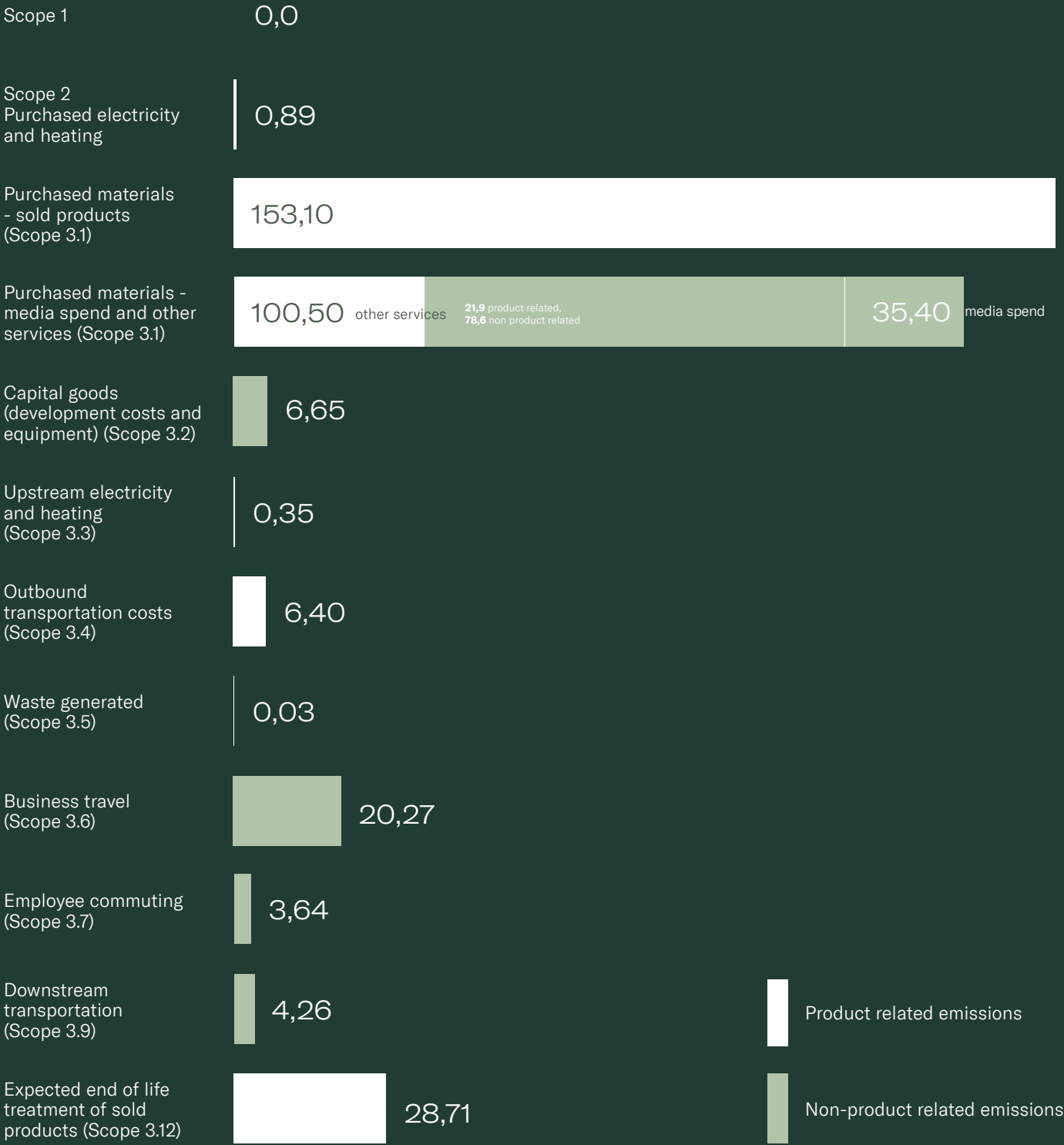
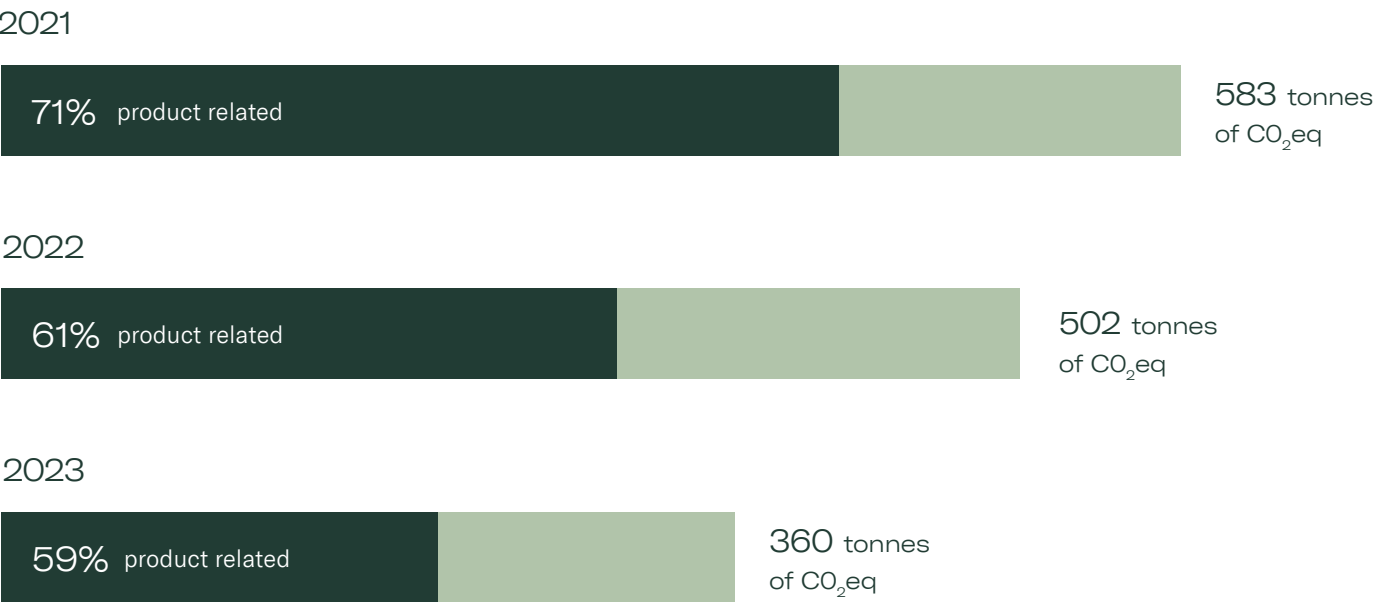
For us, the two key insights from this work were:

1. Upholstery improvements: We needed to reassess our upholstery options to ensure better traceability of leather and incorporate higher amounts of recycled wool in our fabrics. As a result, we now have full traceability for our leather and have introduced new upholstery options with a significantly higher proportion of recycled wool.
2. Manufacturing updates: We needed to collaborate with our manufacturing partner to update their factory boiler, reducing particulate matter emissions. This project is now underway.

This process has reinforced the value of understanding the specifics of our environmental impact in setting clear priorities for improvement. It underscores our belief that sustainable practices are not a final destination but an ongoing journey.

Carbon Footprint 2023

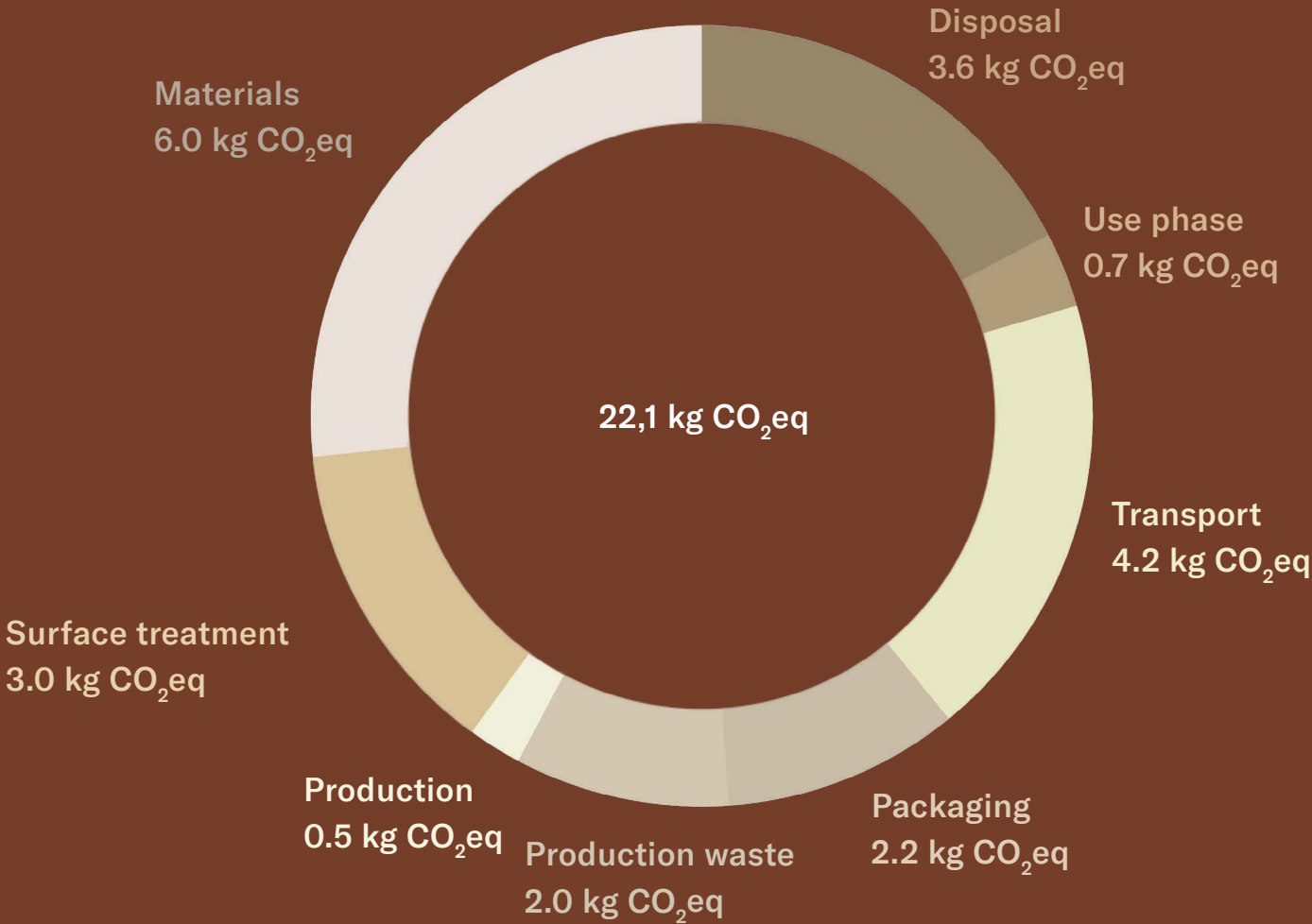
TAKT scope 1-3 emissions for 2023 was 360,26 tonnes of CO₂eq.
Of these 59% was directly related to our products.



Our Products



Cross Chair climate footprint overview



Half of product emissions come after the product is made



We continually work to create clarity in the climate footprint of each of our products. We have mapped the CO₂eq impact during the entire process from basic materials to production, shipping, daily use, and the final disposal after many years of use. This way, you can see the composition of the climate footprint on each of our product pages.

One notable takeaway from this calculation is the split between emissions from making the product and emissions after the product is made (packaging, transport, use phase, disposal). About half of the full life cycle emissions actually come from other factors than the product itself. This underscores the importance of our flat-pack packaging and our continuous drive to further improve packaging materials beyond the current use of recycled and recyclable cardboard.

We hope that you will be able to get a broader understanding of the environmental impact of your TAKT furniture. These insights are vital for us to prioritize and direct our efforts towards reducing emissions. As we introduce new initiatives, the calculations on the product pages may be updated to provide you with the most up-to-date information.

Eco design – principles

Our design principles

Our design principles allow us to consistently focus on the right things as we develop new products. They can act as positive resistances and help unleash creativity in a focused way for designers. It helps us to ensure that the right problems are solved, and that circularity and sustainability become an integrated part of the design.

01

Be truly useful

The world has too many useless design objects. We believe that before we put another object into the world we have to ask ourselves; Is this really necessary? A new object shall add to what is already there. It can be a new function, a more sustainable way of producing or an improvement of something that we know.

02

Must have clarity in design

Form and function must be understandable for the user. Clarity in the construction and the way we handle the details is an important part of making long lasting designs.

03

Have presence and personality

Good design is more than just functionality. It contributes with a positive atmosphere. Design tells us about ourselves, who we are and who we want to be. They set an atmosphere around our lives and contributes to our well-being.

04

Be made from good and honest materials that age with beauty and have minimal environmental impact

The ageing of materials is very important for long lasting design. Our furniture is designed and produced to last for many years, and we believe in using only quality natural materials such as wood, leather, wool and steel. If treated well, they will only become more beautiful as they age.

05

Be constructed for durability

Good design must be able to withstand the use over time. We always let an independent testing house validate the durability of our furniture according to international standards, and we give an extended warranty of 5 years.

06

Have traceable and certified manufacturing and material sourcing

As a part of the EU-Ecolabel and FSC® certification our materials and production lives up to the highest international standards.

07

Be packaged for minimal environmental transport impact and damage.

All of our furniture are shipped component based as flat packs, which itself is made from recycled materials. We can pack 5-7 more products in the same volume and therefore minimise CO₂ emissions during transportation.

08

Be delightful to assemble by the user

Assembling your new TAKT furniture should be an opportunity to connect with your new piece in a delightful way. You feel the quality of the materials and the dimensions. You understand the joints and the connections. You build an appreciation for the piece of craftsmanship that you acquired.

09

Be easily repaired by replaceable components

Our component based approach is an important part of being really cyclical and sustainable. If any part for some reason should need replacement, you can order a new part and replace it easily. You don't have to throw the whole piece out, and you can infinitely maintain your furniture.

10

Be properly recyclable by disassembly into key materials

If you at one point should decide to discard of your piece (not sure why, though) – you can disassemble it into key materials and ensure that each material get recycled or upcycled so the materials can be used again.



Sustainable – design choices

Turn Chair and Turn Table collection designed by Lysemose & de Gier, is intended for urban customers living in small spaces. The designers strive to follow TAKT's Eco System Design Principles and view them as a crucial checklist in their work.

Balancing material and production efficiency has been one of the drivers for the design of the Turn collection. By intelligently exploiting the possibilities of molded plywood, components for multiple pieces of furniture can be cut from single molded plywood blocks. This keeps the production time at a minimum and reduces the material use and scrap rate.

Another driver for the design of the Turn collection was to solve the criteria of flat pack component-based design in an aesthetic and user-friendly way. By placing the connections below the seat and tabletop the pieces of furniture barely reveal they are made for disassembly. At the same time the position of the screws makes the assembly process easy as it can be handled from one side of the furniture.

Components can easily be replaced during the lifetime of the furniture, to minimize material use and extend the life of the furniture.

Designing the Turn Chair and Turn Table with both technical and aesthetic challenges in mind have led to a furniture collection with a low climate impact.

- All wooden materials are certified by the Forest Stewardship Council (FSC) and the products are certified with The EU Ecolabel.
- TAKT's Perpetual Sustainable Design code ensures all products are designed for repair with replacement parts stocked so that its furniture could be handed down to future generations.
- The TAKT product team uses MÅLBAR's screening tool to make informed choices in product development, enabling us to minimise environmental impacts resulting from the products and their lifecycles.

Climate – footprint Turn Chair



Certifications

All TAKT products are eco-certified. In that respect, nothing has changed since launching the brand in 2019. We're still partnering with European factories and choosing responsibly sourced raw materials to ensure that our effort lives up to the highest standards possible.



All TAKT products are certified with the EU Ecolabel. The official European ecolabel that validates an end-to-end commitment to sustainability in material sourcing, production, repairability and recyclability. The EU Ecolabel is a transparent and reliable validation that ensures the customer the most environmentally sustainable product.

All wood in TAKT products are FSC® certified – except tabletops that are made of particle board - they consist of partly recycled wood where it is not feasible to identify their origin. FSC® is an international non-profit organization that ensures that wood, paper, and card- board originate from forests that are given time to naturally regenerate where consideration for the local wildlife is taken into account, as well as the wellbeing of the forest workers.

Our upholstery is individually certified as part of the EU Ecolabel. Leather is traceable and textiles and certified with the EU Ecolabel.



[See our B Impact report.](#)

TAKT is a certified B Corporation.
TAKT has been a certified B Corporation since 2020. B Corporations are businesses that meet the highest standards of transparency, responsibility, sustainability, and performance—creating value for the business, society, and the environment while balancing profit and purpose.

We first achieved B Corporation certification in October 2020. This certification serves as validation for our customers that we deliver on our commitments and strive for positive change.

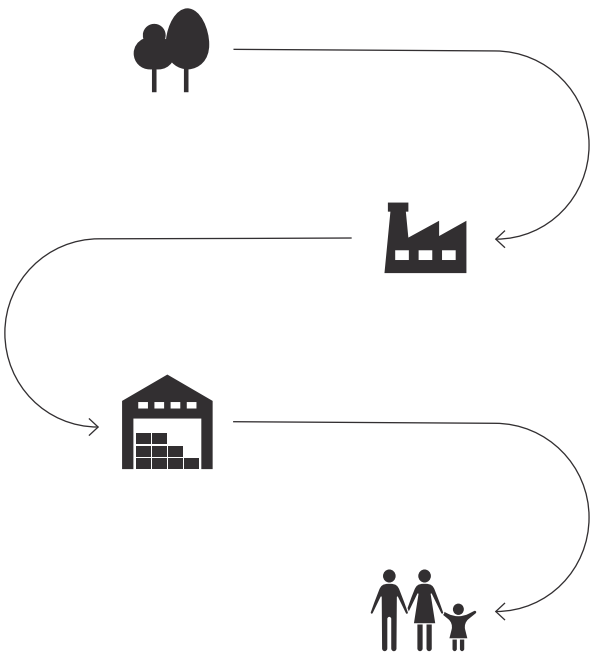
Significant Jump in Impact Score
In October 2023, we submitted for recertification, and in June 2024, we successfully achieved it with a significantly higher impact score, increasing from 100.8 to 118.1. This improvement reflects our continuous efforts over the past three years and our expanded scope as a business.



Our Supply Chain



A simplified and direct – supply chain



We only collaborate with suppliers and partners who align with our values, placing great importance on fostering transparent and enduring relationships. As partners, we emphasize the significance of co-creation and mutual inspiration.

We monitor our carbon emissions across our entire value chain, transparently share the information, and actively utilize it to track our progress over time. The overall carbon intensity, measured in kg CO₂eq per DKK 1000 revenue, is a crucial metric in the development of new products.

We strongly advocate for the production of goods in close proximity to their market and usage locations as it significantly reduces transportation emissions and ensures proximity to manufacturing facilities.



Activities & Partners



Selected – climate activities 2024

Q1

Celebrating B Corp Month

Q2

PEF certification
Launch Bow Chair
Recertified as a B Corp

Q3

Launch Traceable leather – SPOOR
Launch Cross Chair in new colors

Q4

Launch Climate Report
Launch TAKT x Leap
Launch KVADRAT Re-wool

Key – partners

Målbar

MÅLBAR has developed a ‘Life Cycle Screening’ tool within the furniture industry in order to provide accessible and valuable insights and knowledge about the climate emissions associated with the products we bring to market. TAKT has been partnering with MÅLBAR since its launch.

B CORP nordic comm

This year, TAKT joined a communication task force with the purpose of amplifying the awareness about B Corp towards the end-consumers. We see this as an important contribution to the B Corp community - shedding light to companies who are committed to bringing positive contribution and generating value for the business as well as the society and environment.

The Footprint Firm

The Footprint Firm is an advisory and investment company with a sole focus on sustainability. TAKT has partnered with The Footprint Firm to clarify current internal emission calculations and to realise our future impact potential.

LDC circular network

Lifestyle & Design Cluster works to promote innovation and sustainable growth, primarily in small and medium-sized interior and clothing companies as well as in the creative industries.

TAKT has a strong partnership with Lifestyle & Design Cluster and takes part of their Circular Furniture Network. A business network for Danish furniture and interior brands with the purpose of creating a platform for knowledge sharing between companies that works towards circularity.

