

How Meelunie creates value for society

October 2020 - September 2021

INPUT

Responsibility

- GOVERNANCE**
- Net Sales: €247 Million
 - Compliance policy
 - B Corp guidance
 - Positive Impact Team: 9 employees

Collaboration

- STAFF**
- Employees: 98 fte (Amsterdam office: 56 fte)
 - Training / Education: €110 K
 - Diversity: 37%
 - CSR internship

- BUSINESS**
- Customers: 483 in 93 countries
 - Suppliers: 114
 - Product groups: 38
 - Periodic World-Check of all relations (Financial Crime Protection)

- STRATEGIC CSR PARTNERS**
- FairClimateFund
 - CarbonCloud
 - Clean Cargo Working Group
 - GoodShipping

- COMMUNITY**
- Green Business Club
 - Oxfam Novib
 - WOMAG (Women in Agriculture)
 - Food Valley

Transition

- ENVIRONMENT**
- CO₂e footprint Business Operations
- Scope 1 and 2: 134 MT CO₂e
- CO₂e footprint Product Portfolio
- Transportation and distribution: 104,373 MT CO₂e

- Amsterdam building:
- A-status building
 - BREEAM NL (code for a sustainable built environment) certification
 - Energy use: 43,000 kwh per year
 - Water use: 76 m³ per year
 - Office waste: 1.6 MT

PURPOSE

Plant Based Positive Impact



- Green Products
- Climate & Shipping
- Green from the Inside

OUTPUT

Responsibility

- GOVERNANCE**
- B Corp Tracker: 80 points

Collaboration

- STAFF**
- Employee satisfaction: 'good' (2020 survey)
 - Employee benefits: inspiring new workspace, air quality, plants, HIIT vitality program, vegan-friendly lunch, fruitful office
 - CSR engagement activity
 - Sickness absence: 0.5% (Amsterdam office)
 - Turnover rate: 9% (Amsterdam office)

- BUSINESS**
- Green products: 3%
 - Code of Conduct
 - Pilot: Cooperation with platform to calculate, share and improve our climate footprint of products.

- STRATEGIC CSR PARTNERS**
- Participation in CO₂e reduction and compensation programmes

- COMMUNITY**
- Food bank
 - Recognized training/internship company
 - Participation in microcredit programmes

Transition

- ENVIRONMENT**
- Scope 1 and 2 has been calculated. Conclusion Amsterdam Office is a carbon neutral organization
 - 5,972 MT CO₂e compensated via FairClimateFund
 - 1,429 MT CO₂e reduction via GoodShipping

- Amsterdam building:
- Sustainable office and furniture: green wall, fruit, UTZ certified coffee, cleaning products, etc.

IMPACT

Inspired by three of the UN's Sustainable Development Goals (SDGs), we have defined our own three domains for impact: Green from the Inside, Green Products and Climate & Shipping. These are our pillars in helping us contribute to achieving a better world.

SDG 2

We strive for better food and healthier individuals, families and communities in the areas where we operate.

SDG 12

We translate our customers' desires into high-quality, plant-based ingredients and products that nourish, protect and improve.

SDG 13

We commit ourselves to increasing the usage of sustainable resources, both within our company and in the value chain. Within our circle of influence, we will reduce our CO₂e footprint.

We strive to create value for society in terms of human, social, natural, manufacturing, financial and intellectual capital.

FOUNDATION

Profile: Meelunie is a leading global supplier of plant-based ingredients such as proteins and starches. Our product range covers a wide variety of food, animal nutrition and industrial applications, and includes trusted brands such as Windmill Potato Starch alongside an ever-growing assortment of organic products.

Founded: 1867 with family roots.

Vision: A balanced world where plant-based solutions drive positive impact.

Mission: To continue our long-term tradition of doing business with head and heart.

Purpose: Plant Based Positive Impact.

CSR Values: Collaboration, Transition and Responsibility.

Meelunie Sustainability Ambition Statement

2020-2021

As of October 2020

'Positive impact' has been incorporated into our mission, vision, ambitions and strategy. In the years to come it will be an integral part of our daily activities: Positive Impact will drive our performance and set the scope for our growth, financial returns and the evolution of our portfolio. In this, we'll be guided by B Corp and aligned with the UN SDGs. We'll work with and seek partners who share our positive impact ambitions.

We've set down three domains in which we want to make a positive impact:

“We continue our mission to create 'Plant Based Positive Impact'. Our fava proteins factory in Denmark is a wonderful example, where sustainability is fully integrated in our business model. We are excited to be contributing to a better tomorrow.”

Marco Heering, CEO Meelunie

1. Green Products



Our ambition

We now place special emphasis on the Organic & Health segment. We offer a growing assortment of organically certified, sustainably-produced products. Supporting regional cultivation and processing of plant-based proteins is part of our ambition for a greener supply chain.

We will continue to pursue organic opportunities and other certifications associated with responsible sourcing, and invest in new business development. In 2030 our product portfolio will be 100% responsible.

Achievements 2020-2021

- Selection partner CarbonCloud;
- Increase transparency 'plant-based' on packaging;
- Pilot LCA calculations for wet milled fava beans;
- Live up to our purpose 'Plant Based Positive Impact' by cooperating with partner in Croatia for distribution of fava bean products;
- An agreement on building a sustainable fava bean processing site in Denmark;
- Kick-off of the project Co-Fresh with partner Food Valley and other organizations for fava bean to meat analogue. With this project, we intensify collaboration with chain partners; from farmers to Louis Bolk Institute etc.
- The extensive research with GoodFuels on the use of fava bean hulls for biogas ended in the conclusion that it is not applicable. We will continue to closely monitor developments in that area.

Next steps

- Strategy development Green products;
- Invest in solutions for protein concentrate to make it better suitable for food applications;
- We have collected the prove for our business case with CarbonCloud and start communicating the CO₂e footprint fava bean processing on packaging;
- In 2023 we will start stimulating our partners to join the CarbonCloud platform.

2. Climate and Shipping



Our ambition

Step up our ambitions even further regarding the reduction of our CO₂e footprint, improving our energy efficiency and increasing our use of biofuels. We also aim to support customers with insights into the CO₂e footprint of their order. By 2030, all our lanes (shipments) to be CO₂e neutral.

Achievements 2020-2021

- Calculating scope 1, 2, 3;
- Research CO₂e footprint of Tapioca chain, as blueprint for other chains;
- Renewal partnerships GoodShipping & FairClimateFund;
- Feasibility study for a new offsetting project in Laos (Tapioca farmer community) with partners FairClimateFund, SNV and Oxfam Novib;
- Develop a CO₂e strategy;
- Familiarizing with the offsetting market;
- Meelunie Amsterdam office is a carbon neutral organization

Next steps

- CO₂e accountability for Meelunie Group in 2022;
- Implement a new CO₂e calculator in our ERP system. This tool calculates not only CO₂e emissions from our sea freight but also other forms of transportation;
- Train our colleagues from Commerce in using new CO₂e calculator;
- Start with CO₂e footprint awareness of customers and suppliers on transportation & distribution.

3. Green from the Inside



Our ambition

Shift towards a 100% positive-impact mindset from everyone in the company (company-wide). Remain focused on operational excellence and further 'greening up' our business processes. A commitment to give back to communities through a number of local, national and international initiatives. Our ambitions are captured in three themes: Collaboration, Transition and Responsibility.

Achievements 2020-2021

- 80 points in B Corp tracker, apply for B Corp certification;
- Support to several public organizations such as Oxfam Novib, Cafe del Mar, Life Skills Amsterdam, WOMAG Asia, Food Bank Amsterdam;
- CSR internship;
- Develop whistle blower policy;
- Registration purpose Plant Based Positive Impact;
- Internal CSR communications a.o. video 'Doe maar duurzaam' and all staff end of year presentation by board of directors.

Next steps

- Further collect documents for B Corp certification;
- Audit B Corp;
- Roll out business travel policy;
- CSR in job description, job offers, training and workshops;
- Align and engage Meelunie offices in CSR activities.

Meelunie Positive Impact Programme

In 2018, Meelunie launched the Meelunie Positive Impact Programme (MUPI) to accelerate implementation of our positive impact ideas. The more our awareness grows, the more opportunities we see. We want to do this in close collaboration and engagement with current and new partners who share our ambition to have the maximum possible positive impact on society. We're excited about what we can and will achieve together.

2017

First initiatives, inspired by a guest speaker on sustainability.

2018

Launch of MUPI programme.

2019

Start of FCF partner project.

2020

- Rollout Green from the Inside;
- First bunkering via GoodShipping;
- Signed zero waste contract;
- Created first CRS report.

2021

- Building a sustainable fava proteins factory in Denmark;
- Monitoring CO₂e emissions in scope 1 and 2 for Amsterdam office;
- Increased B Corp score in self-assessment;
- Defined CO₂e neutrality strategy for 2030.

Meelunie's CO₂e Emissions Accountability

2020-2021

Definition of Meelunie's CO₂e neutrality

BUSINESS OPERATIONS

These scopes determine Meelunie's CO₂e neutrality because we have a direct influence on them.



GREEN FROM THE INSIDE



CLIMATE & SHIPPING (WAREHOUSING)

PRODUCT PORTFOLIO

The total of these emissions will be shared with our customers to improve awareness of CO₂e emissions.



GREEN PRODUCTS

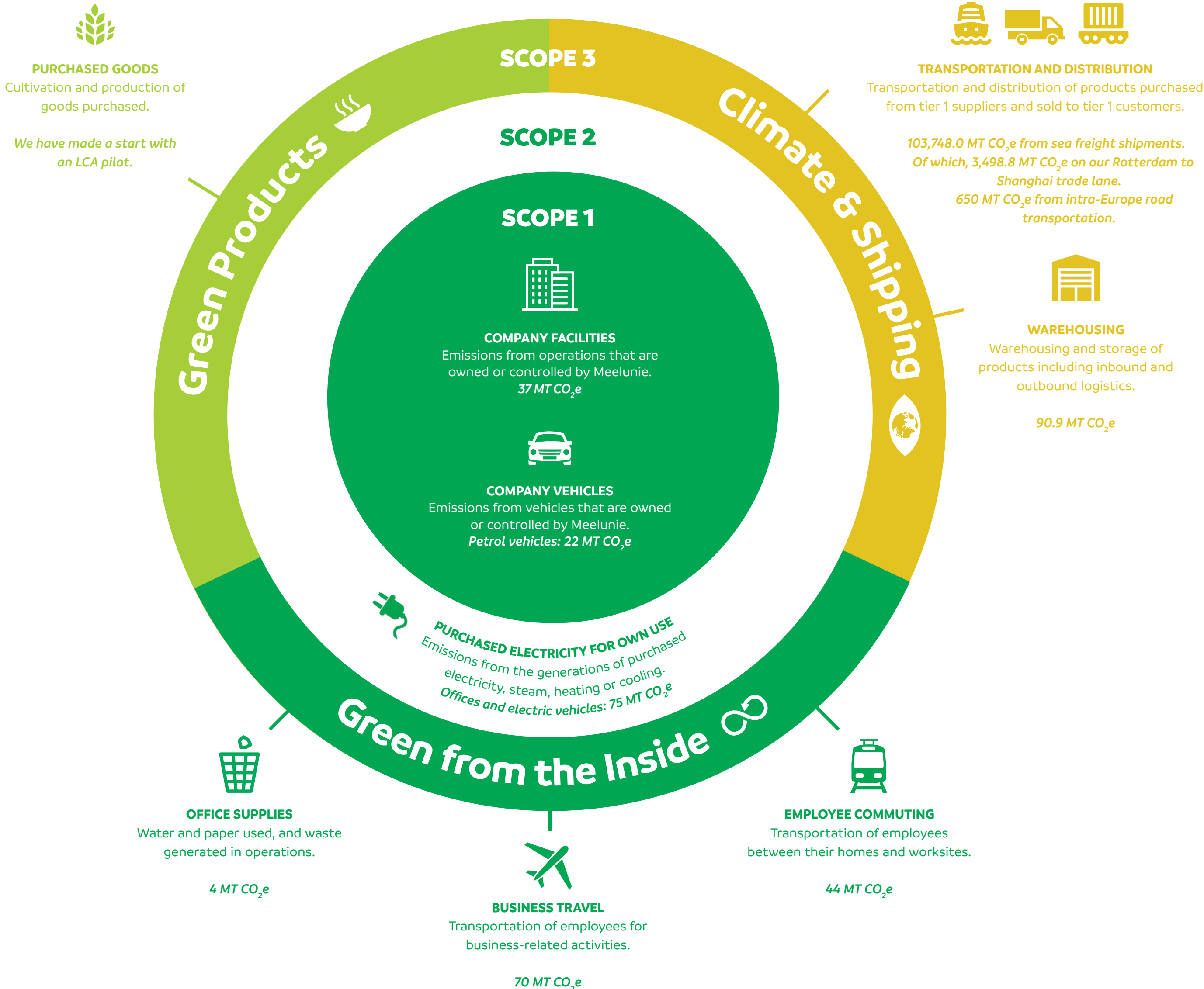


CLIMATE & SHIPPING (WAREHOUSING)



CLIMATE & SHIPPING (TRANSPORTATION AND DISTRIBUTION)

Our next steps towards a CO₂e neutral supply chain are shown in the Meelunie Sustainability Ambition Statement.



Greenhouse Gas Protocol

Our CO₂e strategy is based on the Greenhouse Gas Protocol Corporate Accounting and Reporting Standard, and is aligned with SDG 13: Climate Action. According to this standard, companies are required to account for and report all direct emissions - scope 1 and 2.

We also feel partly responsible for the scope 3 emissions in our value chain, both upstream and downstream, even though these scope 3 emissions are the scope 1 and 2 of other companies.

Disclaimer

The calculation of Green from the Inside's CO₂e emissions are officially validated by PW Advies. The emissions of Green Products and Climate & Shipping are not officially validated by an external party but based on data from the Clean Cargo Working Group, Fraunhofer IML, CarbonCloud, CO₂emissiefactoren.nl, Ecotransit.org and GHGProtocol.org. These emissions are calculated in CO₂e equivalent (abbreviated as CO₂e), which is a metric measure used to compare the emissions from various greenhouse gases.

CONCLUSION

The total amount of emissions of the business operations - scope 1, 2 and partly 3 - is 319 MT CO₂e. Meelunie has reduced and compensated 7,401 MT CO₂e. This makes Meelunie a carbon neutral organization. Our Green from the Inside's emissions are shown per office on the next page. Meelunie also compensates a part of scope 3 through its Rotterdam to Shanghai trade lane (3,499 MT CO₂e).

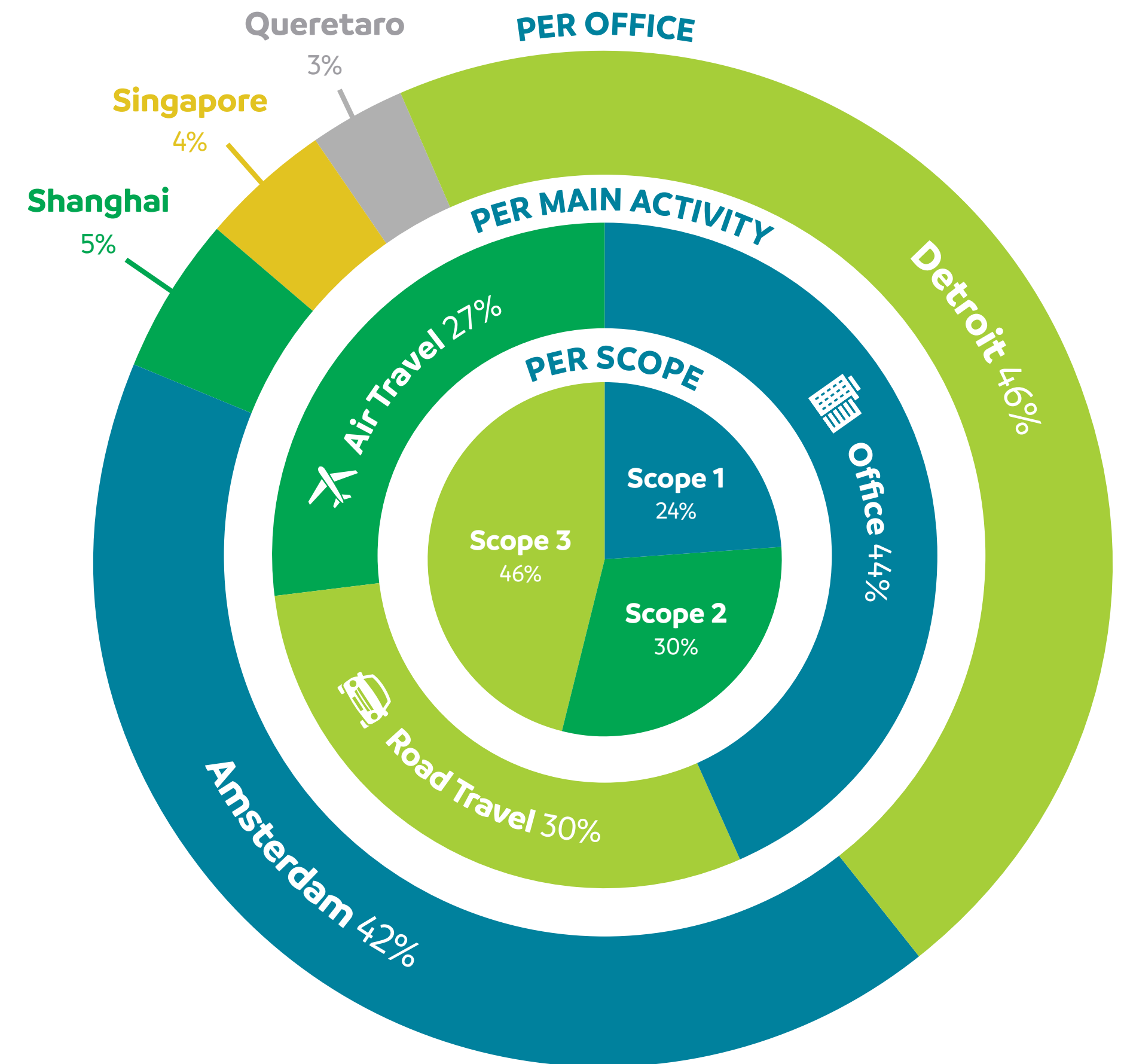
Yes! We're carbon neutral

2020-2021



	Definition	Amsterdam	Detroit	Shanghai	Singapore	Queretaro	Total
Scope 1	Heating	18,7	16,6	1,7	-	-	37,0
	Fuel combustion	5,0	5,9	-	5,0	5,9	21,8
	Total scope 1	23,7	22,5	1,7	5,0	5,9	58,8
Scope 2	Office	23,9	38,6	3,8	0,9	0,1	67,3
	Lease cars	7,6	-	-	-	-	7,6
	Total scope 2	31,5	38,6	3,8	0,9	0,1	74,9
Total scope 1 + 2		55,2	61,1	5,5	5,9	6,0	133,7
Scope 3	Air travel	40,4	16,3	7,2	5,4	0,7	70,0
	Commuting	6,8	36,1	1,3	0,0	0,0	44,2
	Office supplies	2,0	0,9	0,4	0,3	0,0	3,6
	Total scope 3	49,2	53,3	8,9	5,7	0,7	117,8
Gross emissions (mt CO₂e)		104,4	114,4	14,4	11,6	6,7	251,5
Avoided emissions							
	Renewable Energy Certificates	-23,3	-	-	-	-	-23,3
Nett emissions (mt CO₂e)		81,1	114,4	14,4	11,6	6,7	228,2

All data is rounded to one decimal, meaning 0 mt CO₂e is less than 0.5 mt CO₂e.
Our next steps in CO₂e reduction are shown in the Meelunie Sustainability Ambition Statement.



“ We see a carbon-neutral Detroit office as a first step to having a positive impact. Our ambition is to create awareness about carbon emissions amongst our US-based customers and be a sustainable frontrunner in the US market. ”

Jan van Vilsteren, General Manager Meelunie America

Continuous Improvements by Meelunie

2020-2021

Frontrunner

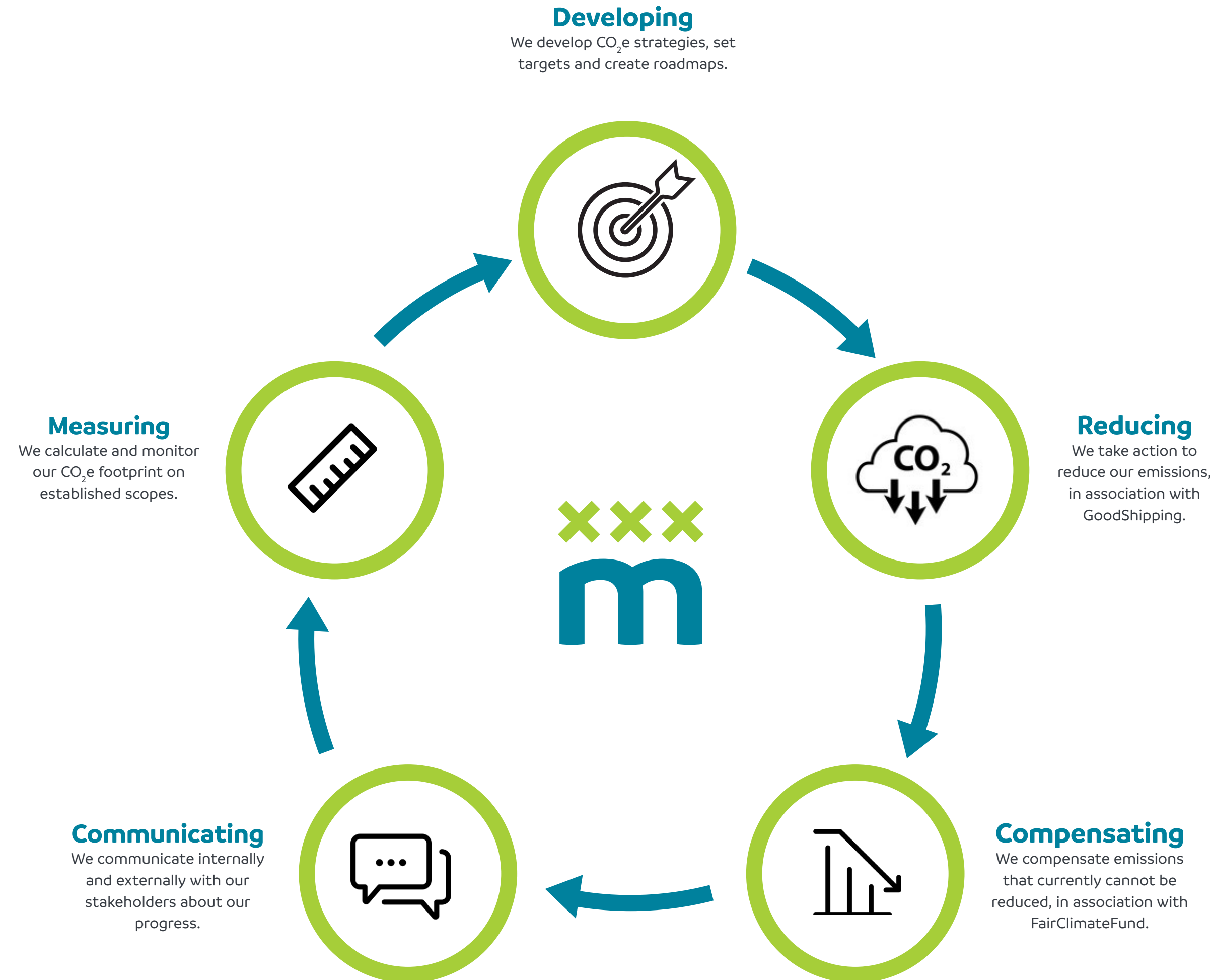
When it comes to making our supply chain more sustainable, we want to remain a frontrunner by continuously improving our CO₂e emissions. This helps our company lead the transition to a sustainable, plant-based future, based on Meelunie's 'Plant Based Positive Impact' mission, with its ambition to trade and produce in climate-neutral plant-based ingredients, and to ship these products to our customers by climate-neutral transportation means. An example of this is our climate-friendly fava proteins factory, which will open in 2022.

“The cooperation with Meelunie is unique in the sense that they are one of the first B2B food producers to use CarbonCloud for a factory that is not even operating yet. That Meelunie has approached us before building their fava proteins factory shows that they are a proactive climate optimizer and, in my opinion, makes them a genuine frontrunner in the B2B food industry.”

David Bryngelsson, CEO CarbonCloud

“It is great to see Meelunie taking the necessary steps to not only compensate but also reduce their CO₂e emissions, setting an example in their industry. We are proud to act as a strategic CSR partner to help decarbonize their ocean freight and work together towards the goal of 100% CO₂e reduction of their shipments by 2030. We are glad to enable global players like Meelunie to choose carbon in-setting, reducing CO₂e where it matters most: in their own supply chain.”

Dirk Kronemeijer, CEO GoodShipping



Our next steps in continuous improvements are shown in the Meelunie Sustainability Ambition Statement.

Strategic CSR Partners

Our strategic CSR partners, who work together with Meelunie on CO₂e emissions-related improvements within our value chains:



Contact

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