# HELLO PARTNERS

## CLIMATE WEBINAR
## MAY 14TH, 2024




JUMBO

# AGENDA

- Jumbo's Climate Ambitions
  *Lieke Kersten – Sustainability Advisor*
- Plan and status
  *Julian Markus – Sustainability Advisor*
- What do we ask of our partners?
  *Wibo van Wijk – Head of Buying*
- Inspiration from a partner
  *Eveline Tegelaar – Monchy Food Group*
- FAQ
  *Julian & Lieke*



# SUSTAINABILITY AT THE HEART OF OUR STRATEGY

## MAKING HEALTHY AND SUSTAINABLE SHOPPING FUN AND AFFORDABLE



LOCAL INVOLVEMENT



HEALTHY EATING



SUSTAINABLE VALUE CHAINS



WASTE REDUCTION



GOOD EMPLOYMENT PRACTICES

# OUR GLOBAL FOOD SYSTEM HAS A HUGE IMPACT ON CLIMATE AND NATURE

**1/3** of **greenhouse gas emissions** is coming from our food system

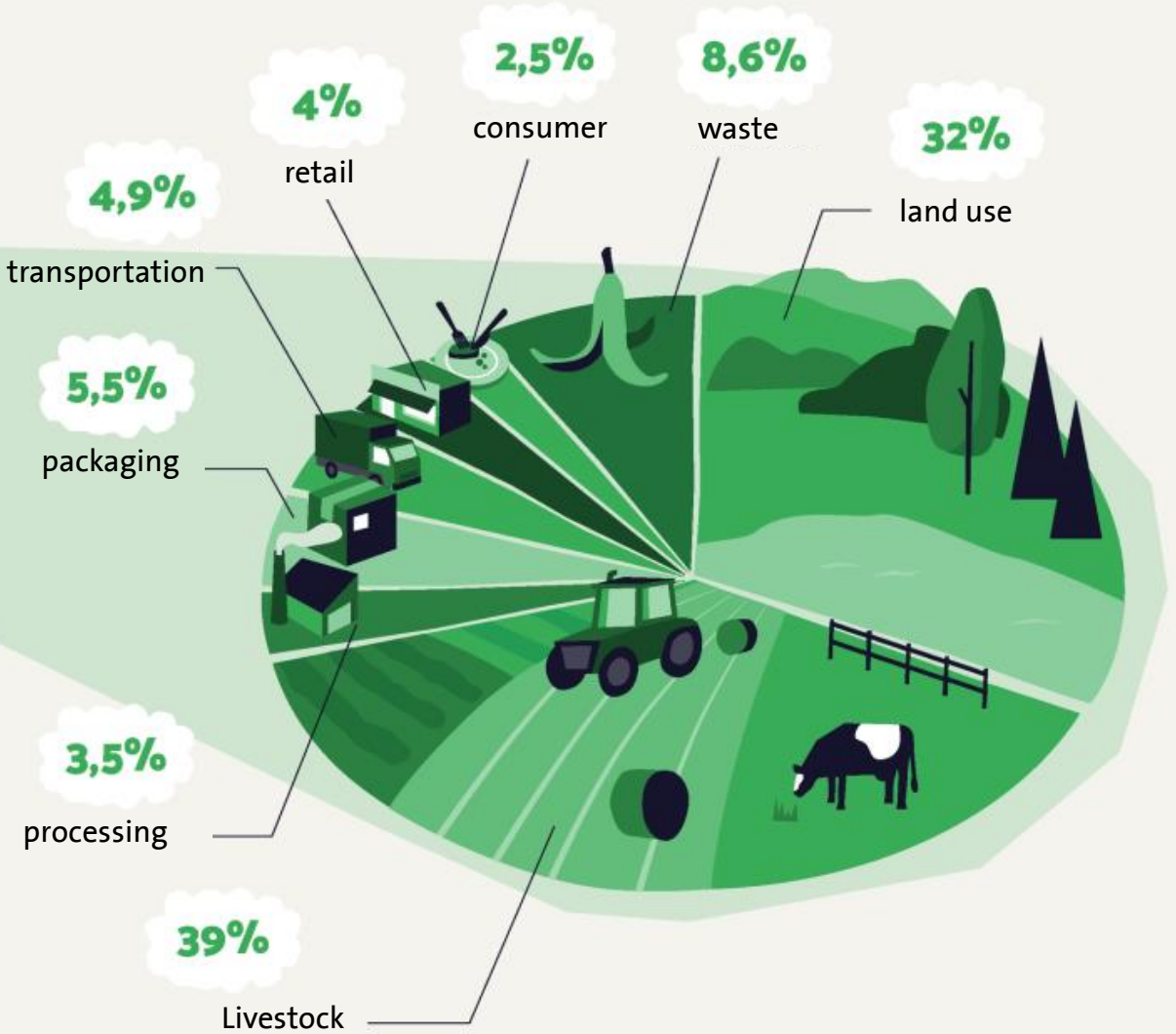









of the world's food **goes to waste**




SAMEN TEGEN VOEDSELVERSPILLING

*De belangrijkste zijn $CO_2$, methaan ($CH_4$) en lachgas $N_2O$.

Bronnen: Crippa et al. (2021), UNEP (2021) en WWF-UK (2021).

# GOVERNMENTS AND COMPANIES HAVE COMMITTED TO TARGETS TO REDUCE EMISSIONS AND FIGHT GLOBAL WARMING

## Paris Agreement 2015




Door NU.nl/ANP

12 dec 2015 om 14:36
Update: 6 jaar geleden

**Op de klimaattop in Parijs zijn zaterdag 195 landen akkoord gegaan met een nieuw klimaatverdrag dat de uitstoot van broeikasgassen moet terugdringen. Hieronder de belangrijkste punten uit het akkoord.**

- De gemiddelde temperatuur op de aarde mag niet meer dan 2 graden Celcius stijgen. Landen proberen ernaar te streven de temperatuurstijging zelfs te limiteren tot maximaal 1,5 graden Celcius. Wetenschappers zijn het erover eens dat een gemiddelde stijging van meer dan 2 graden de klimaatsystemen op aarde ernstig verstoort.

NU.nl

## SBT initiative for companies




### WHAT IS SBTI?

The Science Based Target initiative is an initiative by (among others) the WWF, which companies can sign up for, that calculates their climate targets using scientifically defined frameworks.

# WE HAVE SET OUR CLIMATE TARGETS BASED ON THE 1.5° SCENARIO OF THE SCIENCE BASED TARGET INITIATIVE

SCIENCE BASED TARGETS
DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

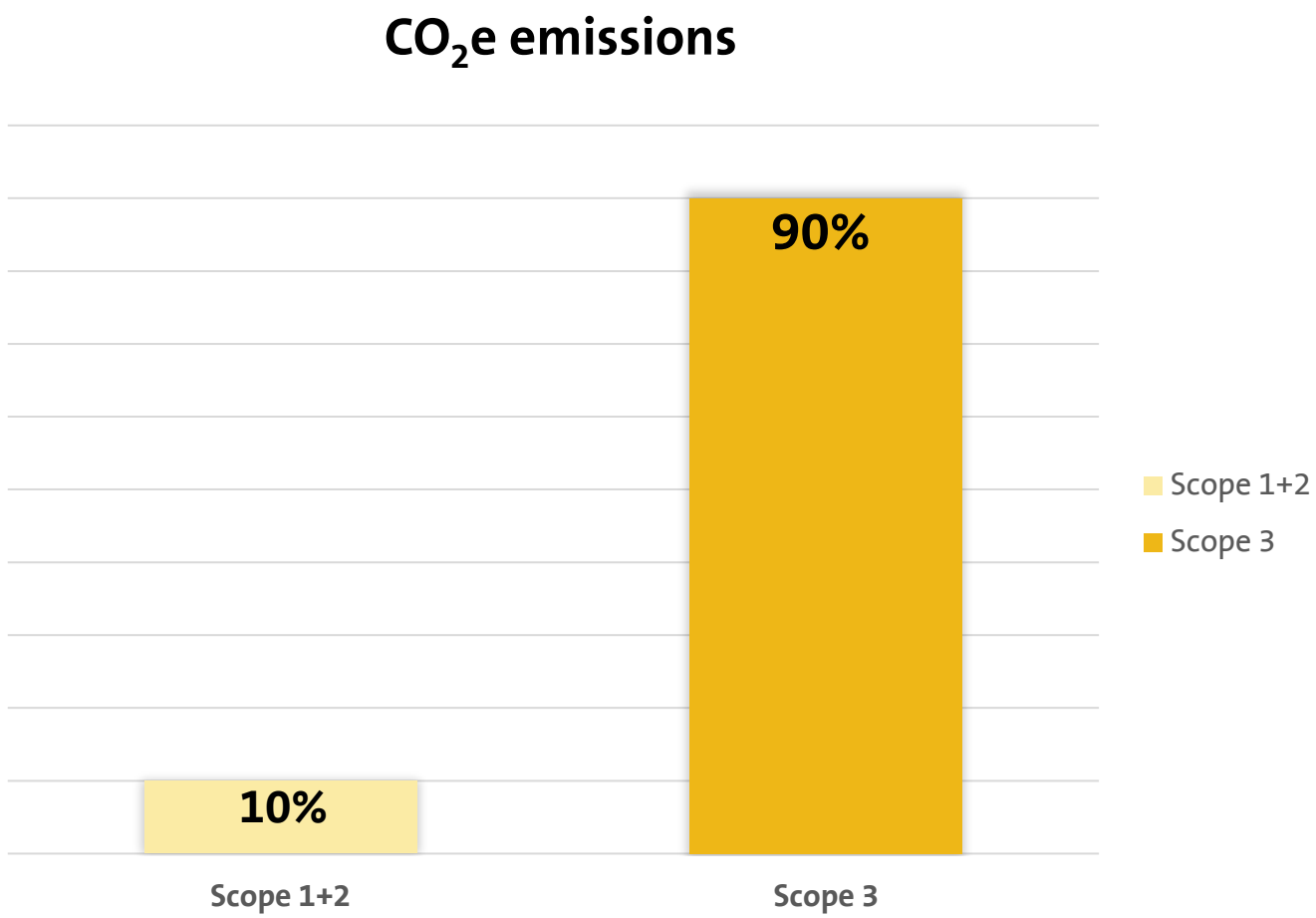
| SBTi scope | Target | Categories |
|---|---|---|
| **Scope 1:** direct own resources | **2030:** 85% $CO_2e$ reduction | Energy consumption |
| **Scope 2:** indirectly acquired | **2040:** Climate neutral | Transport |
| | | Refrigerants |
| | | Lease cars |

| SBTi scope | Target | Categories |
|---|---|---|
| **Scope 3:** emissions in our value chain | **2030:** 50% $CO_2e$ reduction | Products and services |
| | **2050:** Climate neutral | Commuting |
| | | Food waste |
| | | Etc. |



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# MORE THAN 90% OF OUR EMISSIONS OCCUR IN SCOPE 3: OUR PRODUCT CHAINS, WHICH IS WHY WE REALLY NEED YOUR HELP!



TOGETHER WITH YOU, WE WANT TO ACHIEVE OUR CLIMATE OBJECTIVES

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# IN BUSINESS TOGETHER & ...



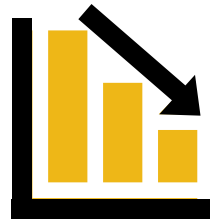
MEASURE



LEARN



INNOVATE



REDUCE

# MEASURE - AT THE MOMENT, WE HAVE CALCULATED OUR $CO_2E$ EMISSIONS AS FOLLOWS

1 million kg (  ) x18 kg $CO_2e$/kg* = 18 million kg $CO_2e$

1.5 million kg (  ) x2 kg $CO_2e$/kg* = 3 million kg $CO_2e$

**Advantages:**

- Provides initial insights into emissions 'hotspots'
- No supplier data required
- Shifting from animal to plant proteins is measurable

**Disadvantages:**

- No specific insights into Jumbo products & suppliers
- Emission reductions in Jumbo's chains are not measurable

# MEASURING - WE ARE WORKING WITH OTHER RETAILERS TO ESTABLISH A SINGLE MEASUREMENT METHODOLOGY

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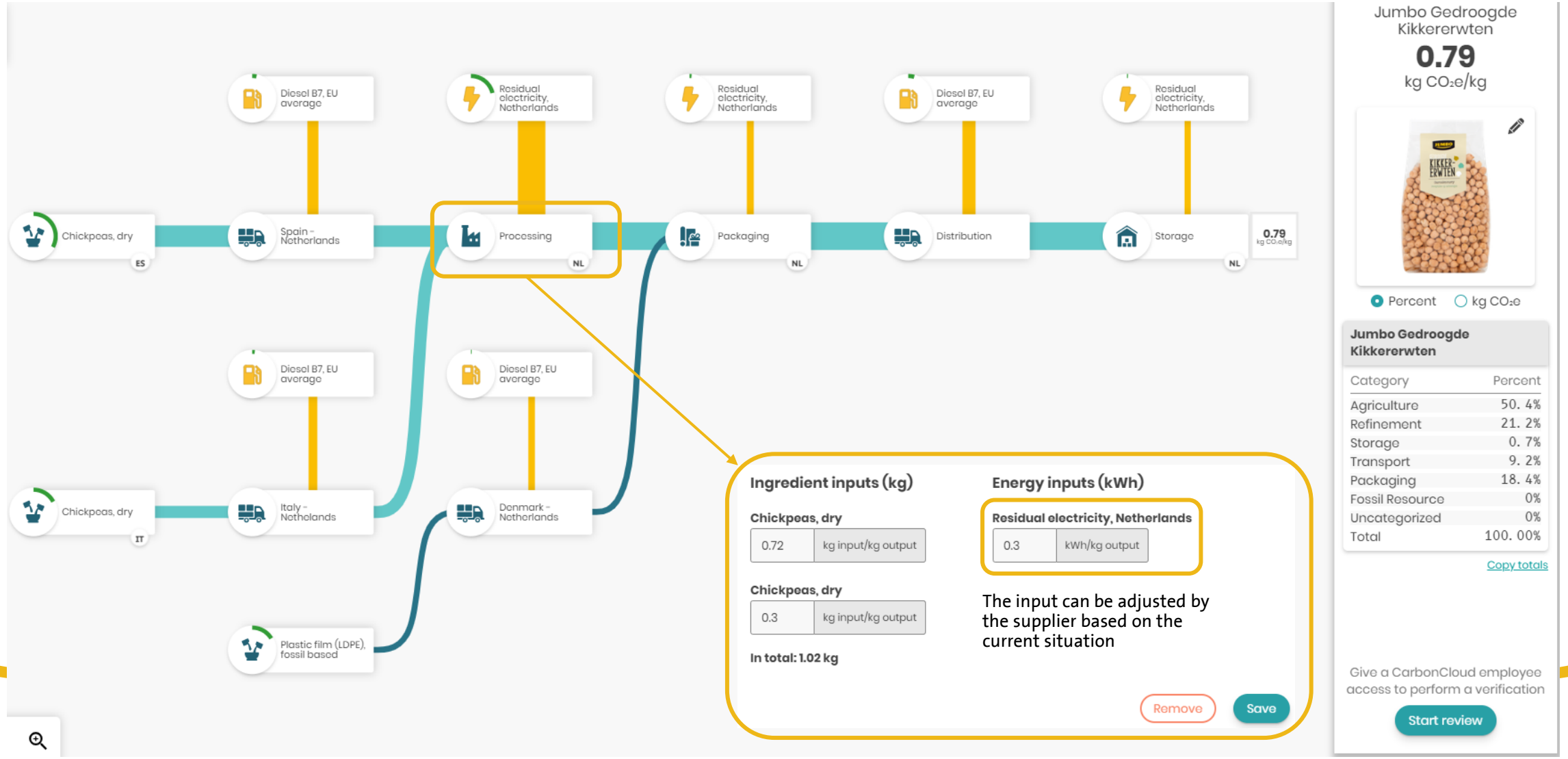
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ImpactBuying
PROVEN POSITIVE IMPACT

Climate Impact Consortium

Ahold Delhaize
JUMBO
LIDL
EMD
Superunie
ACTION

# MEASURE EXAMPLE PRODUCT CARBON-FOOTPRINT CALCULATOR



# REDUCE GENERAL $CO_2E$ REDUCTION MEASURES

- ✓(Own) renewable energy and increase energy efficiency
- ✓Optimally electrify transport and design transport
- ✓Minimise waste, utilisation of residual and waste streams
- ✓Make sure your supply chain is free from deforestation
- ✓Make use of sustainable forms of agriculture and livestock farming
- ✓Optimise livestock feed
- ✓$CO_2$ sequestration through optimal land use
- ✓More sustainable packaging, use reusable and recyclable packaging
- ✓Replace animal ingredients with plant-based ingredients



# REDUCE THE PROTEIN TRANSITION IS GOING TO MAKE A SIGNIFICANT CONTRIBUTION TO $CO_2$ REDUCTION

**Goal: 60% plant and 40% animal protein by 2030**

*Status 2023: 39% plant and 61% animal protein*

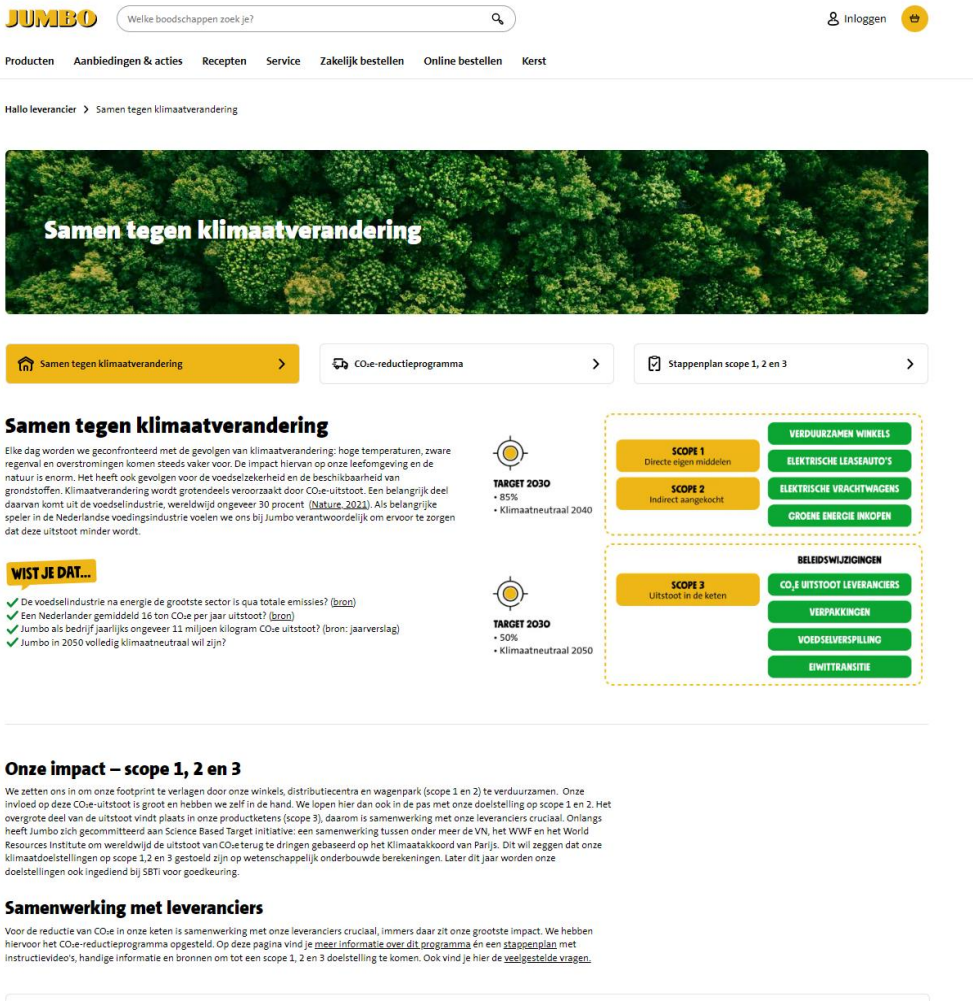
- Encourage plant-based purchasing behaviour
- Make the product range even more plant-based
- Reduce animal-based protein






# LEARN SPECIAL CLIMATE PAGE LAUNCHED FOR SUPPLIERS

On this page, you will find an explanation of our objectives, information on scopes 1, 2 and 3, the SBTi, frequently asked questions and also a roadmap on how to get started.



# WHAT DO WE ASK OF YOU?

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# WHAT DO WE ASK OF OUR PARTNERS?

1. To start working on mapping scopes 1, 2 and 3 and $CO_2e$ data

2. **Commitment to SBTi's 1.5°C scenario** by the end of May
   *For SMEs, the SBTi has established a shortened pathway that allows for the commitment step to be skipped.*

3. **Inform us about achieved $CO_2e$ reductions and new initiatives** through your Buyer or Category Manager

4. Make sure **your product data in GS1** is complete and up to date

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# INSPIRATION FROM A SUPPLIER

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mfc

source well. treat well

HOW

# OUR FIVE PILLARS

## ARE SHAPING SUSTAINABLE FOOD VALUE CHAINS






**1. CO2 Emission Reduction**
Minimizing carbon dioxide emission throughout the value chain.



**2. Living Income**
Ensuring living income for all involved in the value chain.



**3. Good Working Conditions**
Creating safe and supportive workplaces for employees.



**4. Zero Food Waste**
Minimizing waste at every stage of the value chain.



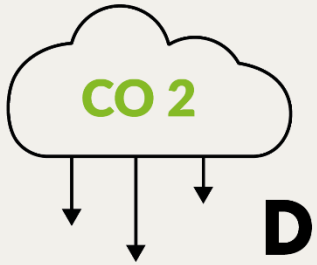
**5. Local Development**
Committed to fostering growth across various themes.












# THE DETOUR CASHEW

## 1. CO2 Emission Reduction Through Direct Shipment



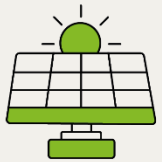
**Direct Shipment**

Shipping directly from Tanzania to Europe saves every container 12,000 km, which equals about 60% of transport CO2 emission reduction.



**Local Processing**

By peeling and processing cashews locally, only the edible part is shipped. Reducing the shipment weight by 75%.



**Various Initiatives**

Not only is CO2 emission reduction achieved through more effective transport, but also through various initiatives. At Amama and its surrounding farms, farmers are trained in eco-friendly practices, energy is obtained from waste, and we are transitioning towards solar energy.



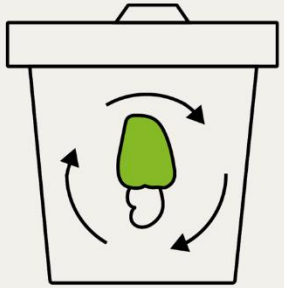
**“TURNING BYPRODUCTS INTO VALUE-ADDING PRODUCTS”**





# THE ZERO

## 4. FOOD WASTE



In the landscapes of Tanzanian farms, the cashew tree stands as not just a source of the famed edible nut but a symbol of unexplored potential. Much of the cashew’s potential is unrealized and often regarded as waste, but we are working towards a 100% utilization.

Historically, the spotlight has largely been on the edible cashew nut, which is the version most people worldwide recognize on supermarket shelves. However, many are unaware that each cashew nut actually originates from inside a shell, which is itself attached to a cashew apple. So every cashew nut you see at the store is the product of not just the nut, but also a shell and an apple.



### Apple

Aware of the apple’s nutritional benefits, Amama Farms is exploring methods to utilize its delicious juice as a wholesome beverage choice, while also leveraging its qualities for bio-ethanol production.



### Oil

By pressing the cashew shell, valuable cashew oil is extracted. This biocomponent is resourcefully utilized in the production of waxes, coatings, and asphalt.



### Cake

After extracting the oil from the cashew shell, what remains is the ‘cake’ of the shell. Rather than discarding this residual material, we utilize its potential by using it to generate steam in the factory for the cashew process.

# FREQUENTLY ASKED QUESTIONS

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# THANK YOU
# FOR YOUR ATTENTION!

*The recording and presentation will be shared later this week*

*Do you still have a question? Contact us at* **MVO@JUMBO.COM**

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