CarbonCloud

Climate impact made visible

Consumer demand and regulatory pressure are driving a massive change in the food industry

The landscape

60% of global consumers are actively looking for more sustainable products

35 countries are already implementing mandatory climate disclosures

**Bain & CO, Food System Transformation: The Time Is Now*
***Task Force on Climate-Related Financial Disclosures*

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300+ retailers and large food producers have already set Science Based Targets

The landscape

Walmart

Eliminating 1 billion tons of CO2e from suppliers by 2030.

TESCO

Planning to reach net zero by 2050, covering all scopes.

Sainsbury's

Eliminating 30% of supplier emissions by 2030.

coop

Eliminating 11% of supplier emissions by 2025.

Climate performance
=
Future proofing

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Regulations and standards

The landscape demands incredibly broad knowledge and enormous capacity.

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Soft bread, wheat 🇸🇪

CarbonCloud Benchmark

Footprint at store

CLIMATE FOOTPRINT
1.0
kg CO_2e
per kg
WITH CARBONCLOUD.COM

Butter, 80% fat 🇸🇪

CarbonCloud Benchmark

Footprint at store

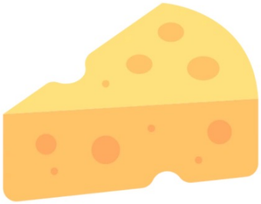
CLIMATE FOOTPRINT
15
kg CO_2e
per kg
WITH CARBONCLOUD.COM

Cheese, hard, 28% fat 🇸🇪

CarbonCloud Benchmark

Footprint at store

CLIMATE FOOTPRINT
12
kg CO_2e
per kg
WITH CARBONCLOUD.COM



No comparability, no progress

Everything must be calculated with the same methodology.

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Manual LCAs are simply not a viable option

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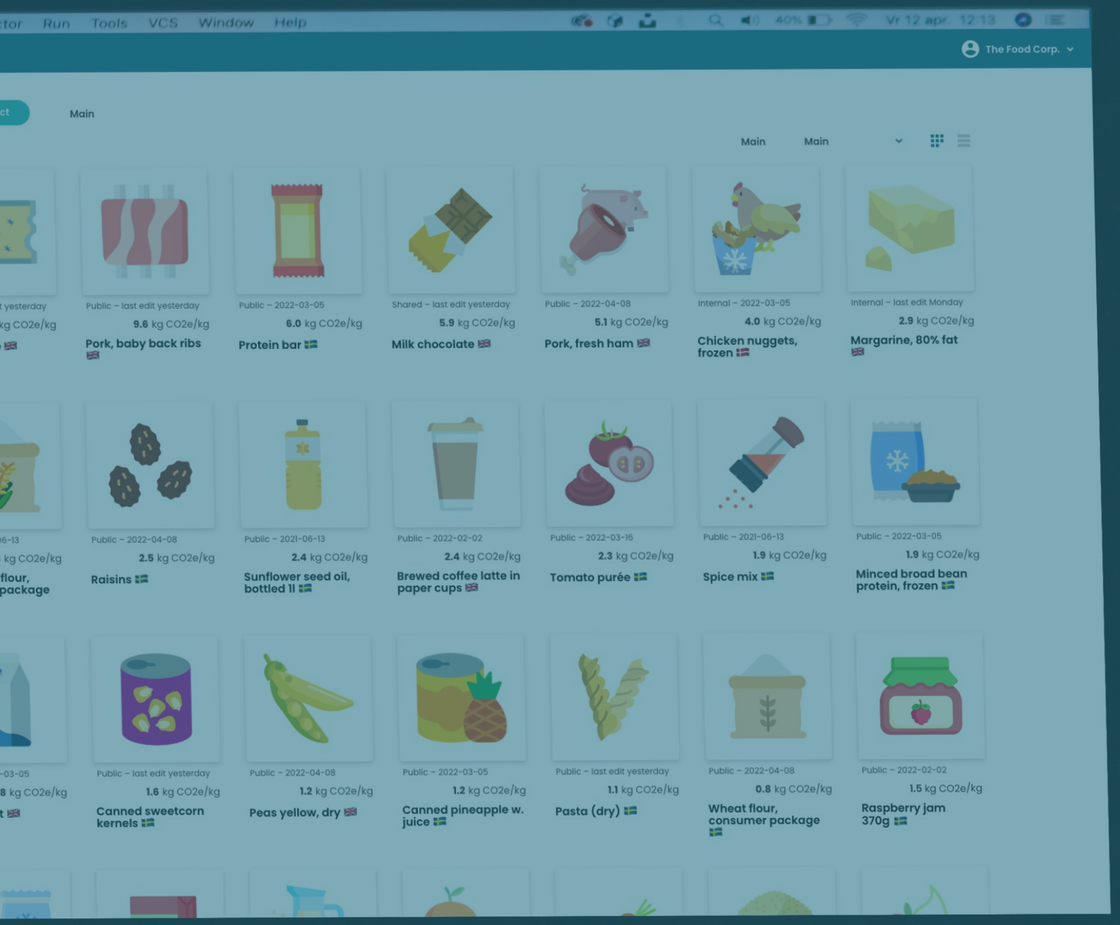

How to set it up

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Software brings endless opportunities, but there is no solution without manual labor

What software can solve

- Internal and external reporting
- Insights for emissions reductions
- Efficiency gains in procurement with supplier UX

Set the right short term targets, scale over time

Targets

We want to establish a number for our total footprint over a given time period and understand what it takes to gather the minimum viable amount of data.

Set the right short term targets, scale over time

Targets

We want to gather five insights about our products emissions profile that gives the R&D team something tangible to work with.

Set the right short term targets, scale over time

Targets

We want to produce data that can be presented in an engaging way for our buyers.

Set the right short term targets, scale over time

Targets

We want to know which of our product has the lowest footprint and market it as a sustainable option.

Set the right short term targets, scale over time

Evaluation

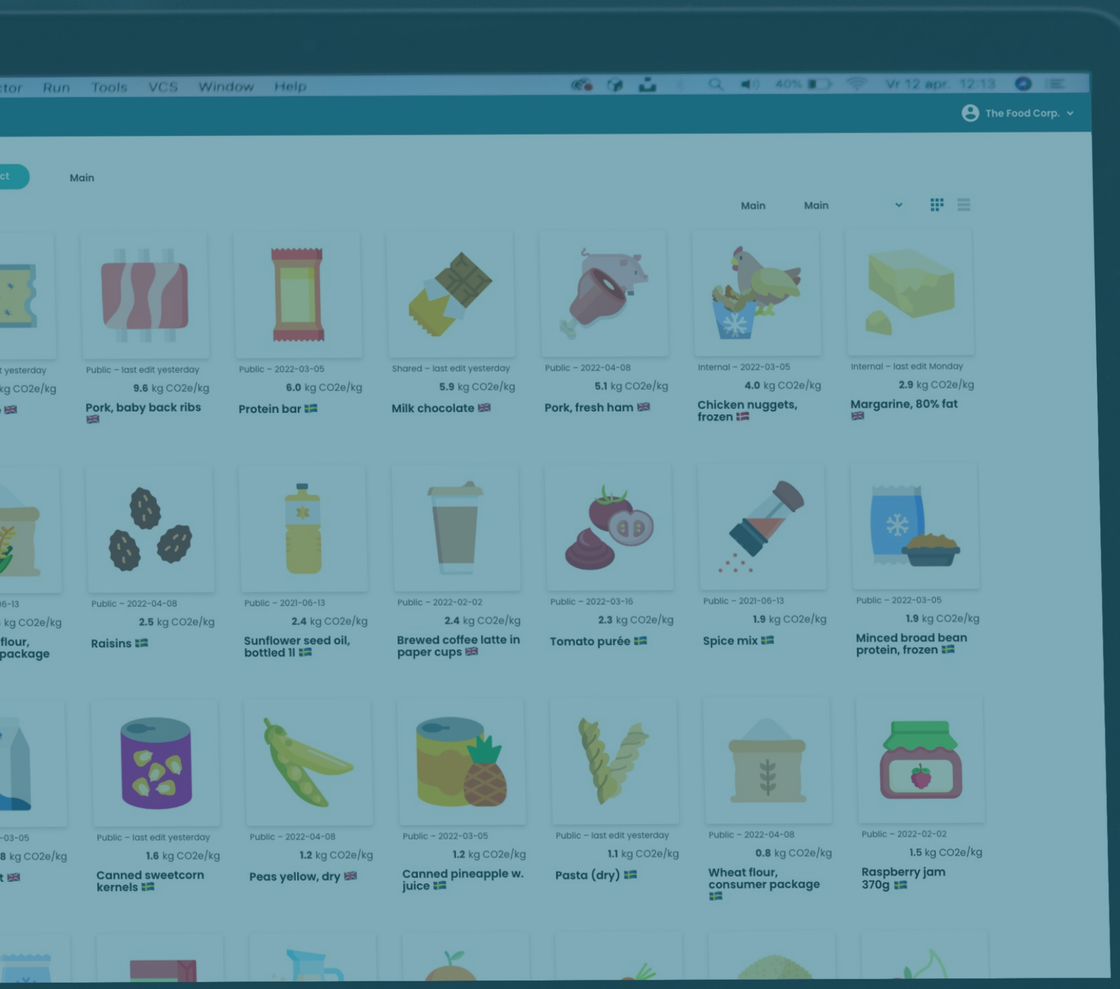
- Results vs. expectations
- Other insights
- Time & resources
- Effect on long term vision
- ROI
- Response from partners

Gain a flying start by involving the right people from the get go

Stakeholders

- Executive team – mandatory
- Sustainability team – mandatory
- Operations
- Marketing
- Procurement
- R&D

Don’t forget to dedicate resources!



How to get started

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Lo res broad

Hi res narrow

Lo res broad

80% of insights with minimal data collection

Lo res broad

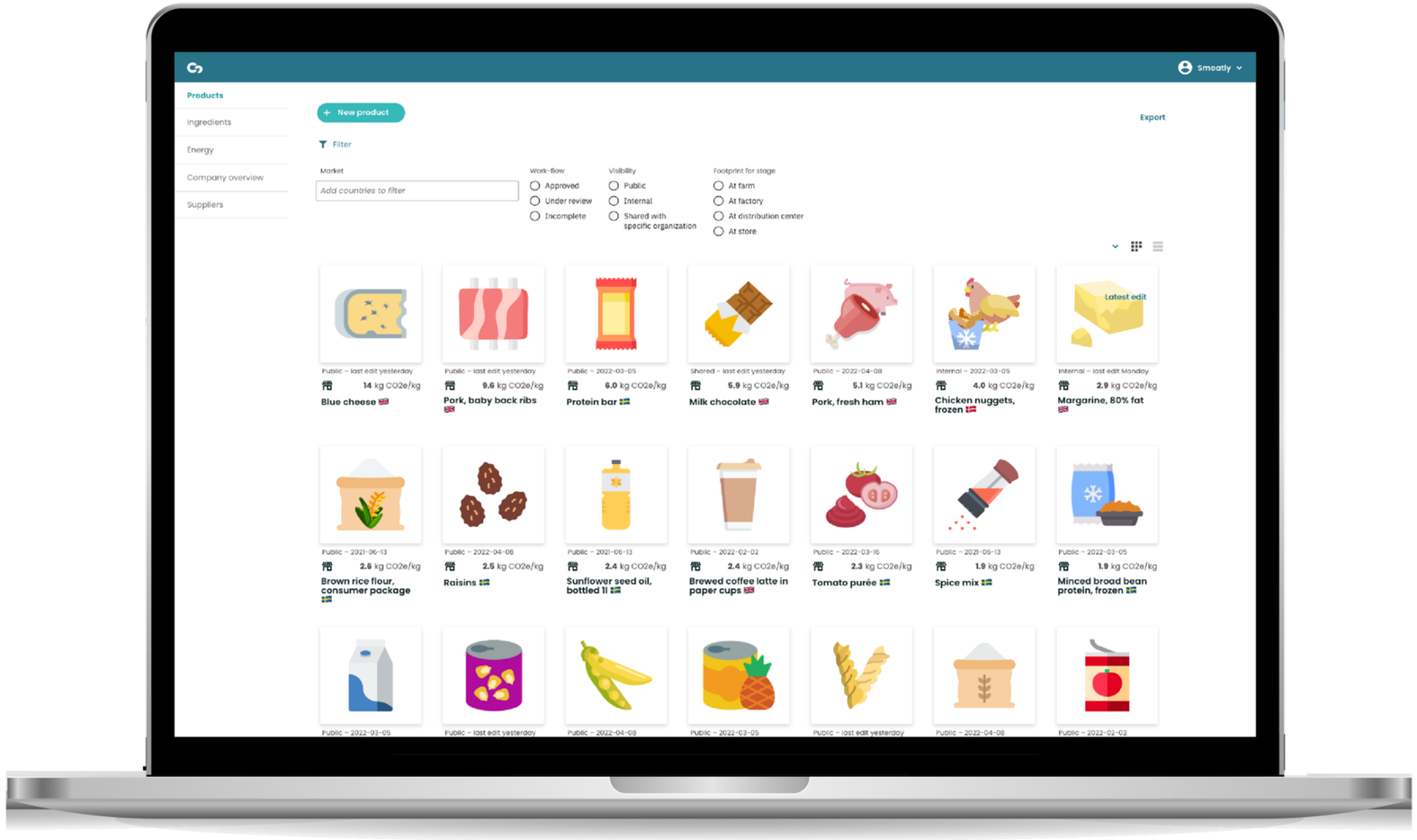
- Product names
- Ingredients
- Location of origin
- Processing location
- Country of sales

Everything you don't need to get started

Lo res broad

- Exact ingredient proportions
- Exact transportation routes
- Energy use
- Packaging details
- Supplier data

The results



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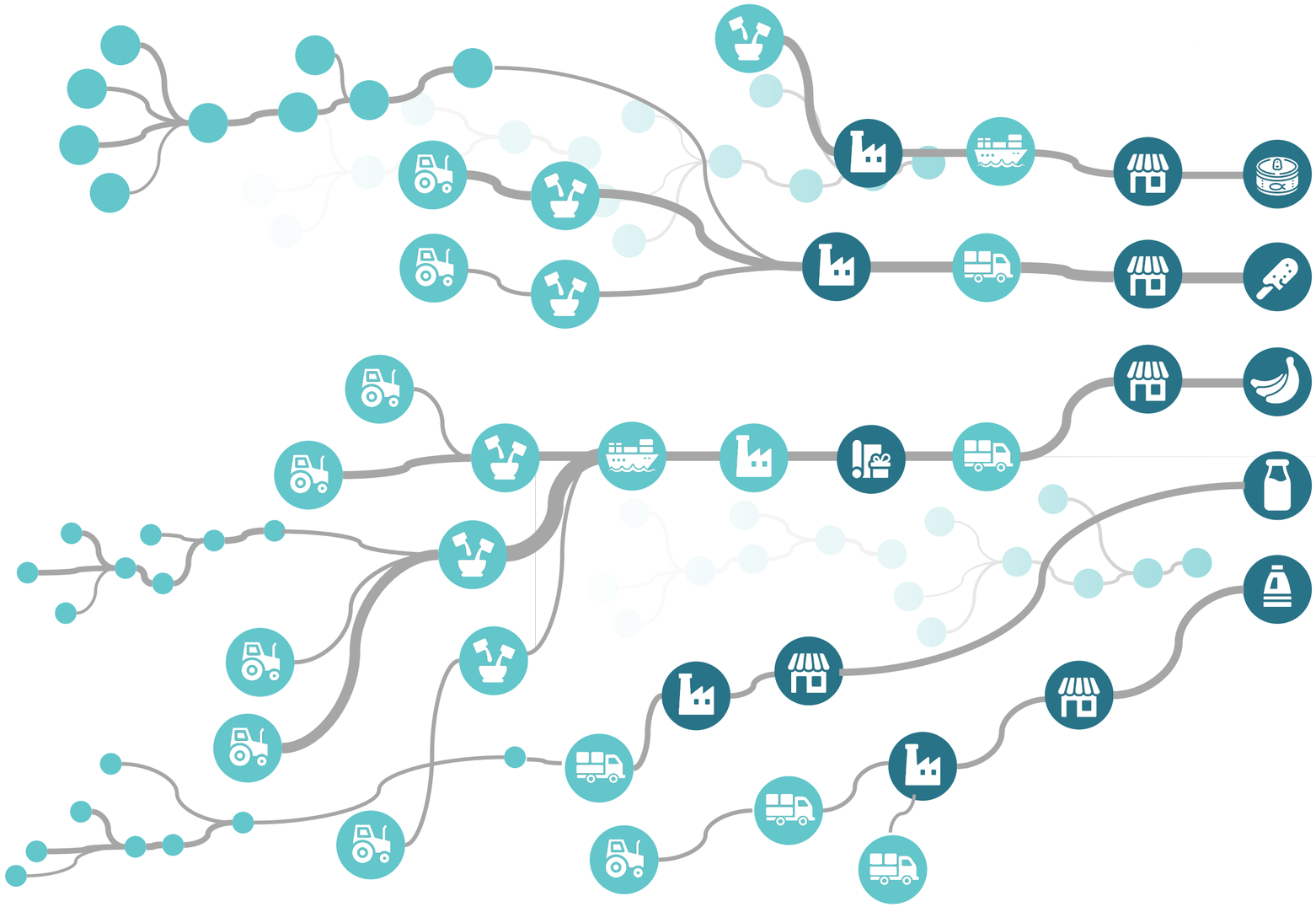
Under the hood

INPUT

- Product names
- SKUs
- Ingredient lists
- Processing location (country)
- Sales location (country)
- Packaging material

Benchmark data

Primary data



CarbonCloud


Hi res narrow

Dig deep for the last 20% of insights

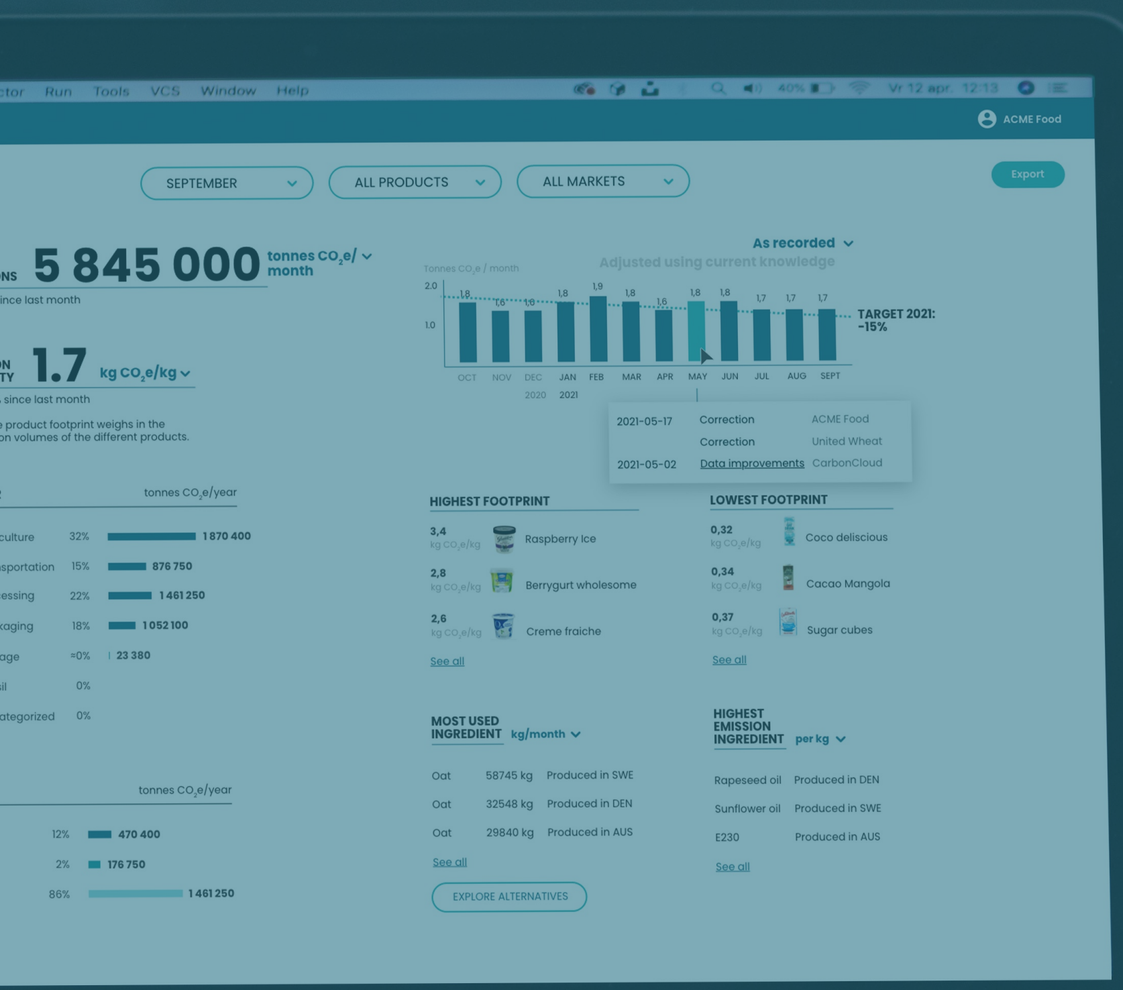
Hi res narrow

- BOM & mass balance
- Supplier primary data
- Transportation
- Processes
- Energy use
- Packaging material

Dig deep for the last 20% of insights

Hi res narrow

- Get suppliers to buy into the idea



How to scale

CarbonCloud

Lo res broad

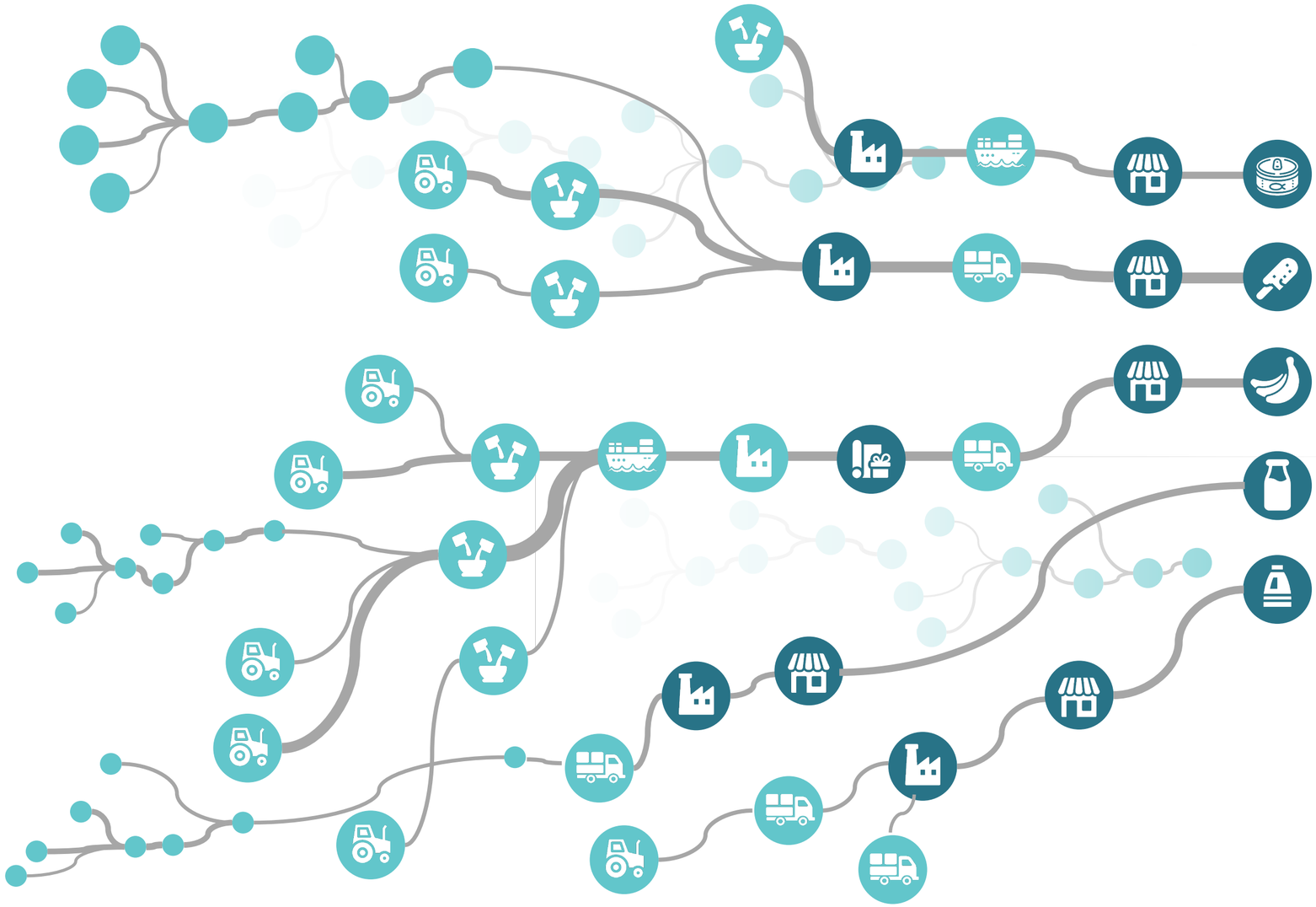
Under the hood

INPUT

- Product names
- SKUs
- Ingredient lists
- Processing location (country)
- Sales location (country)
- Packaging material

Benchmark data

Primary data



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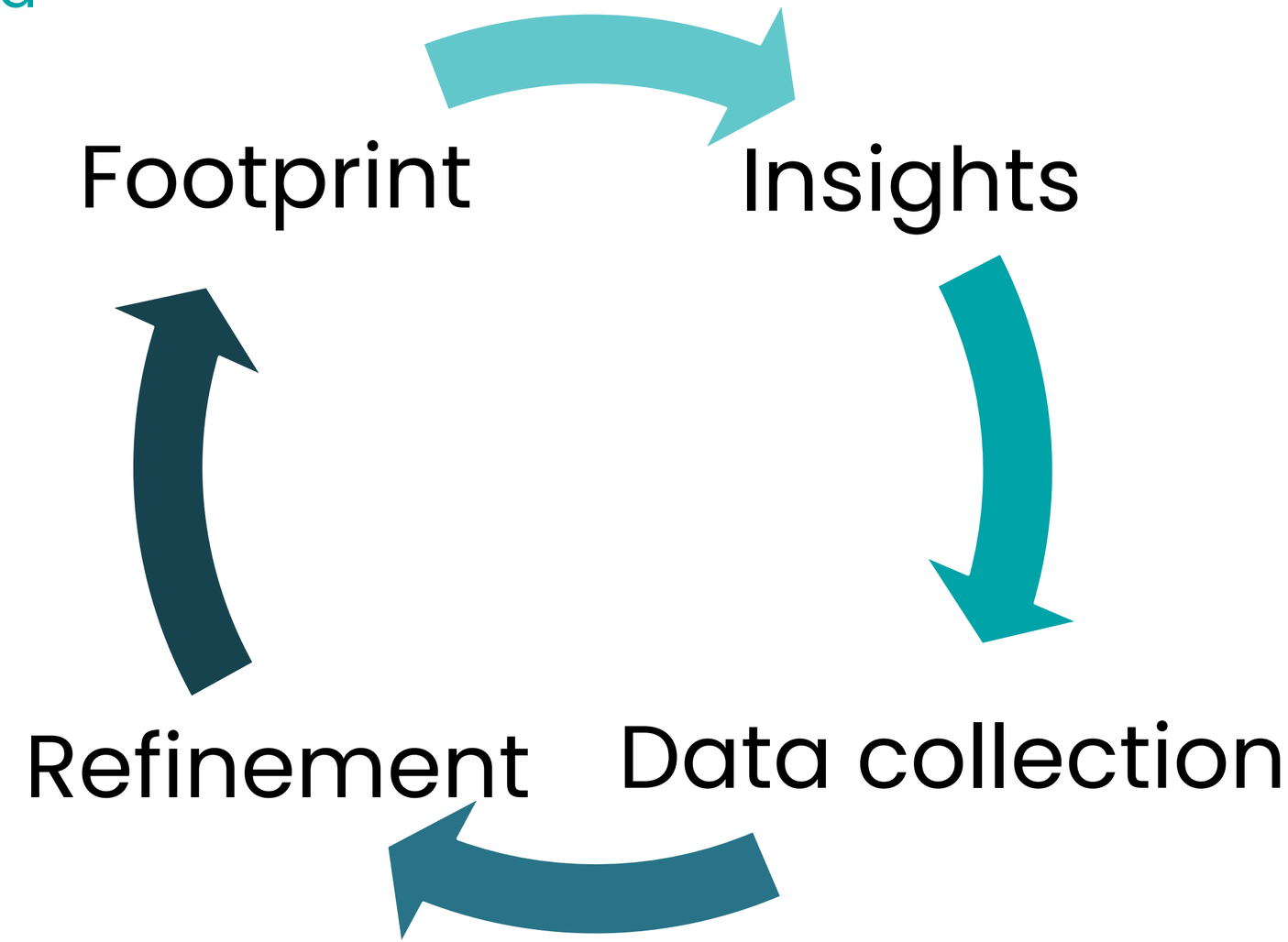
The road ahead



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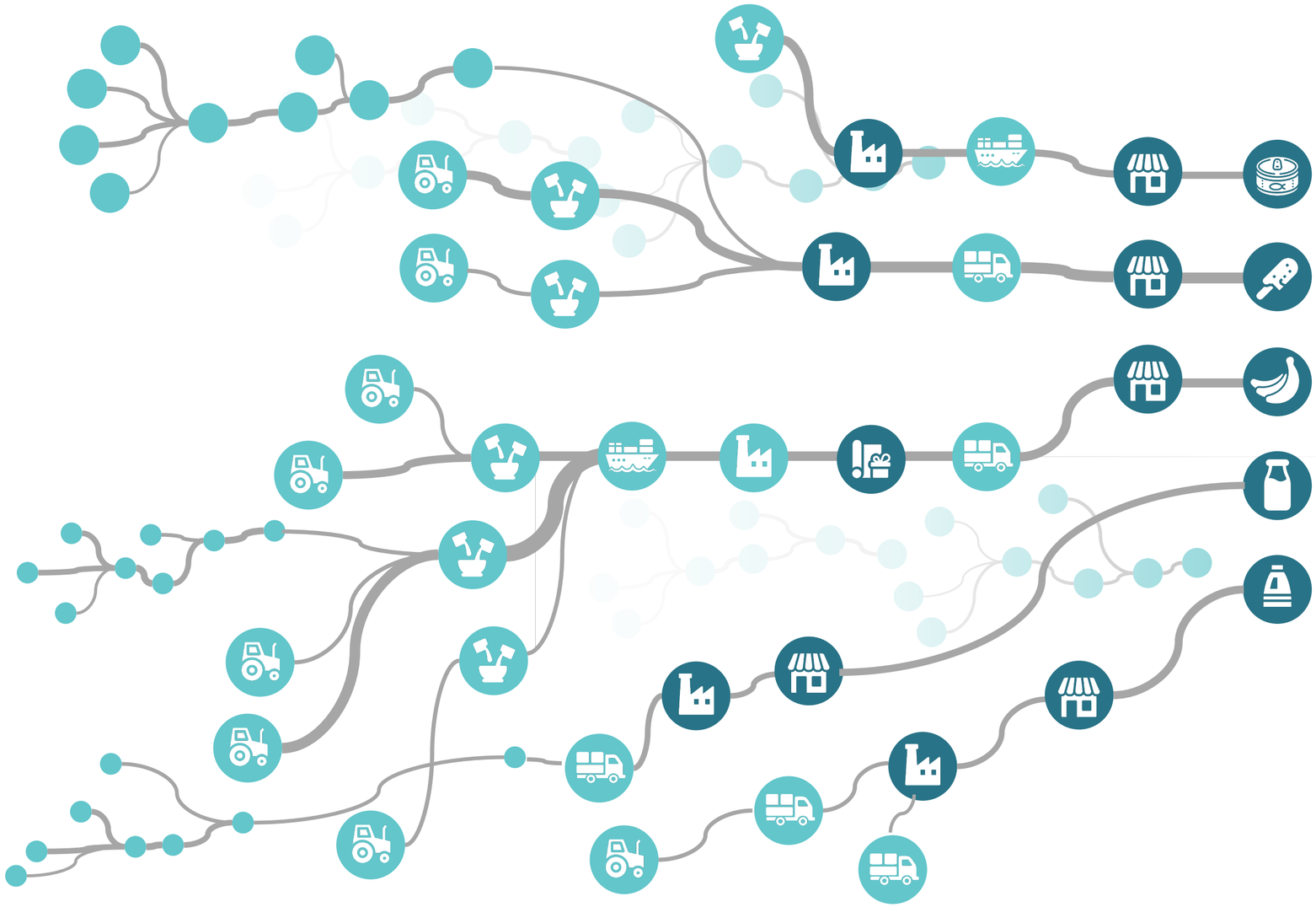
The road ahead

INPUT

- Product names
- SKUs
- Ingredient lists
- Processing location (country)
- Sales location (country)
- Packaging material

Benchmark data

Primary data



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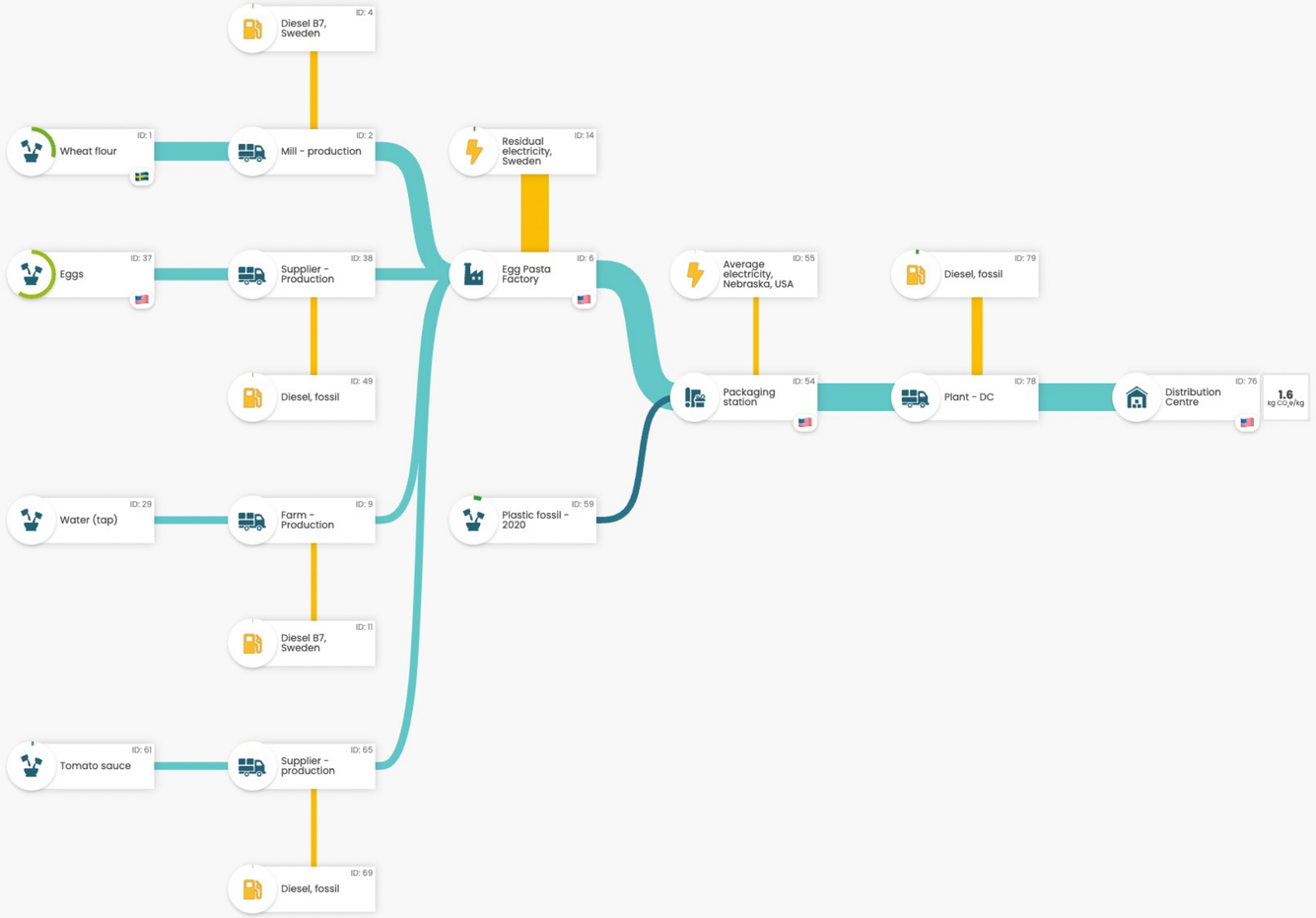
Hi res narrow

Copy primary data between value chains and utilize product overlaps

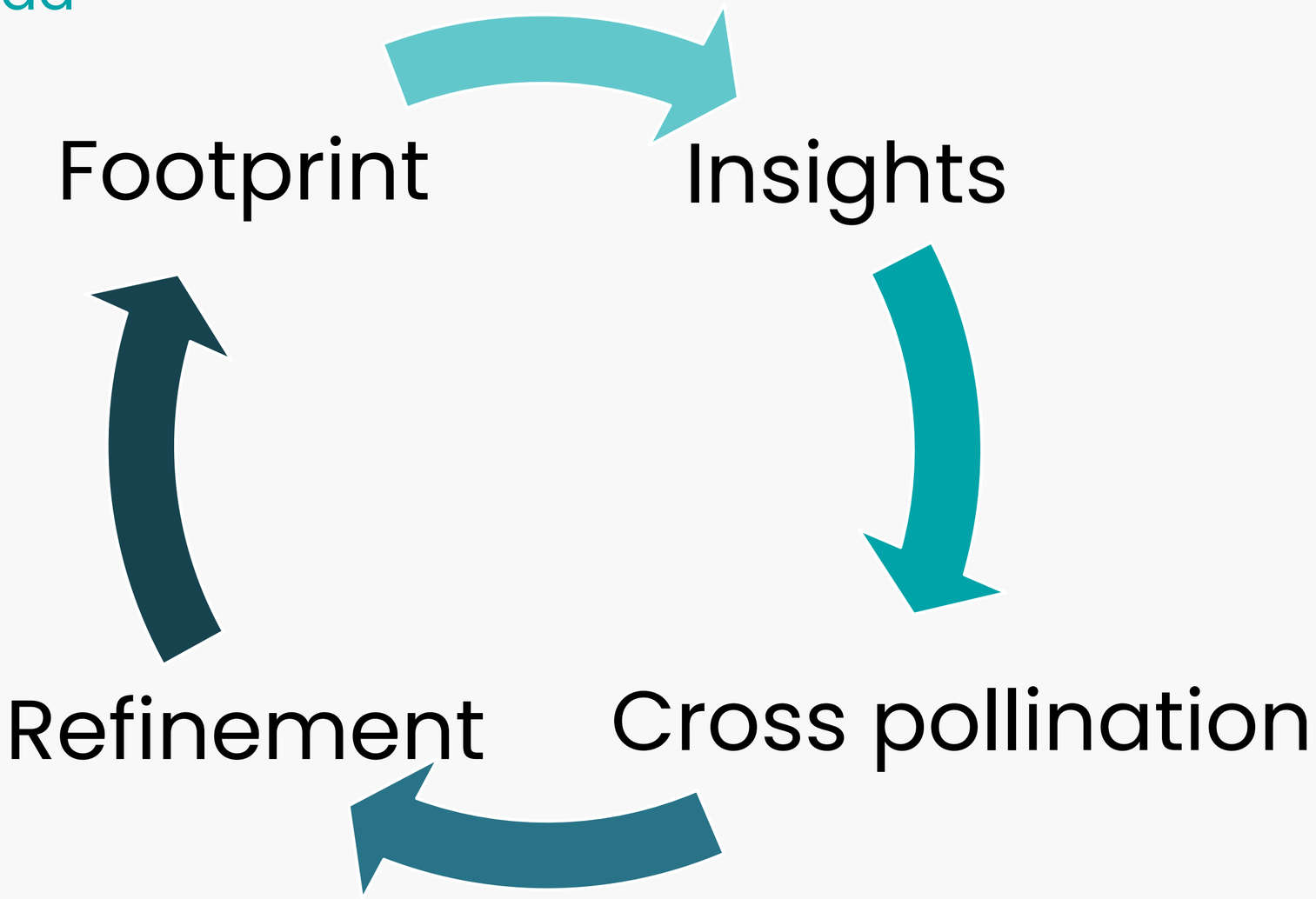
Hi res narrow

- Processes
- Ingredients
- Transportation steps

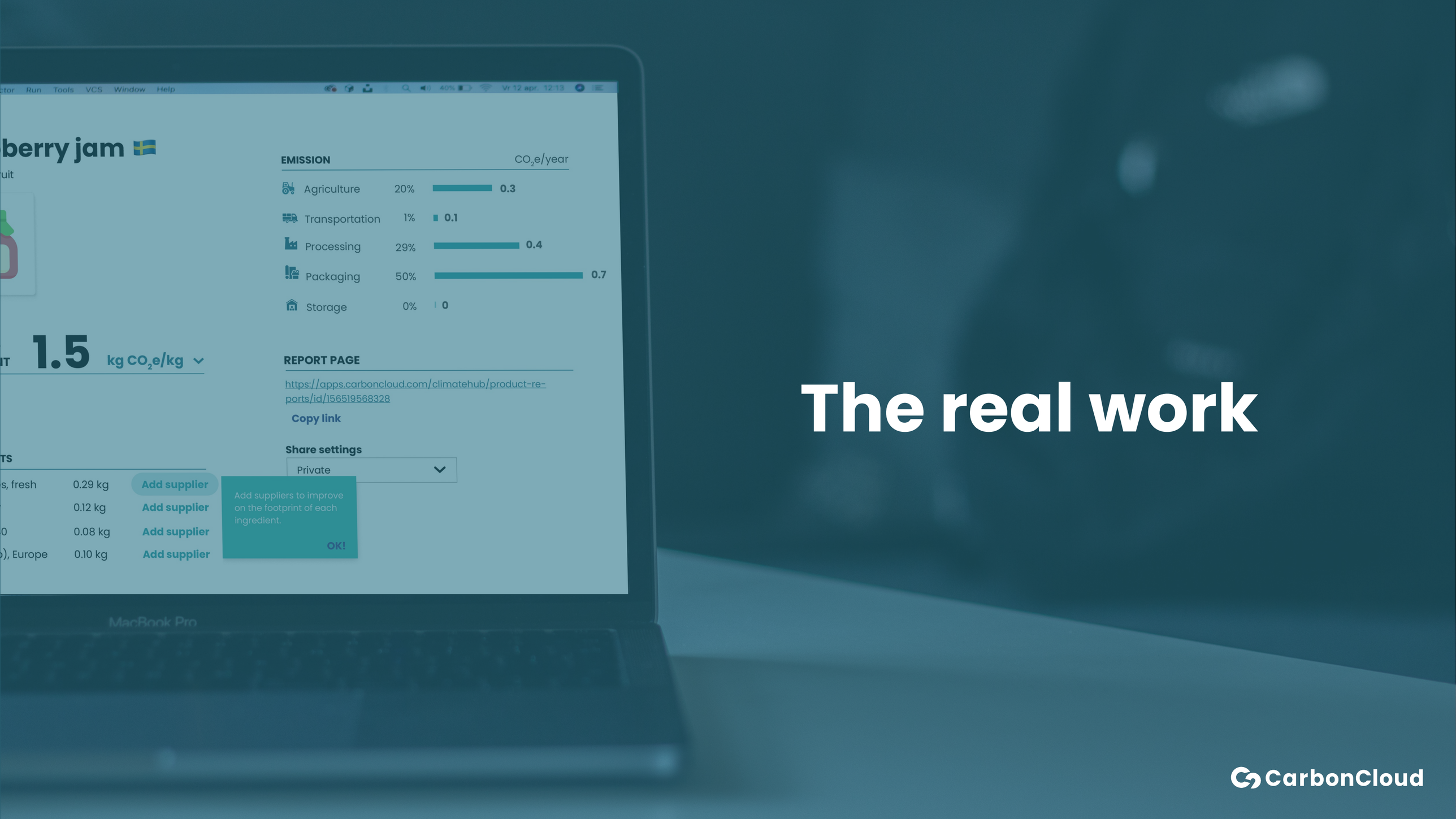


CarbonCloud

The road ahead



CarbonCloud



The real work

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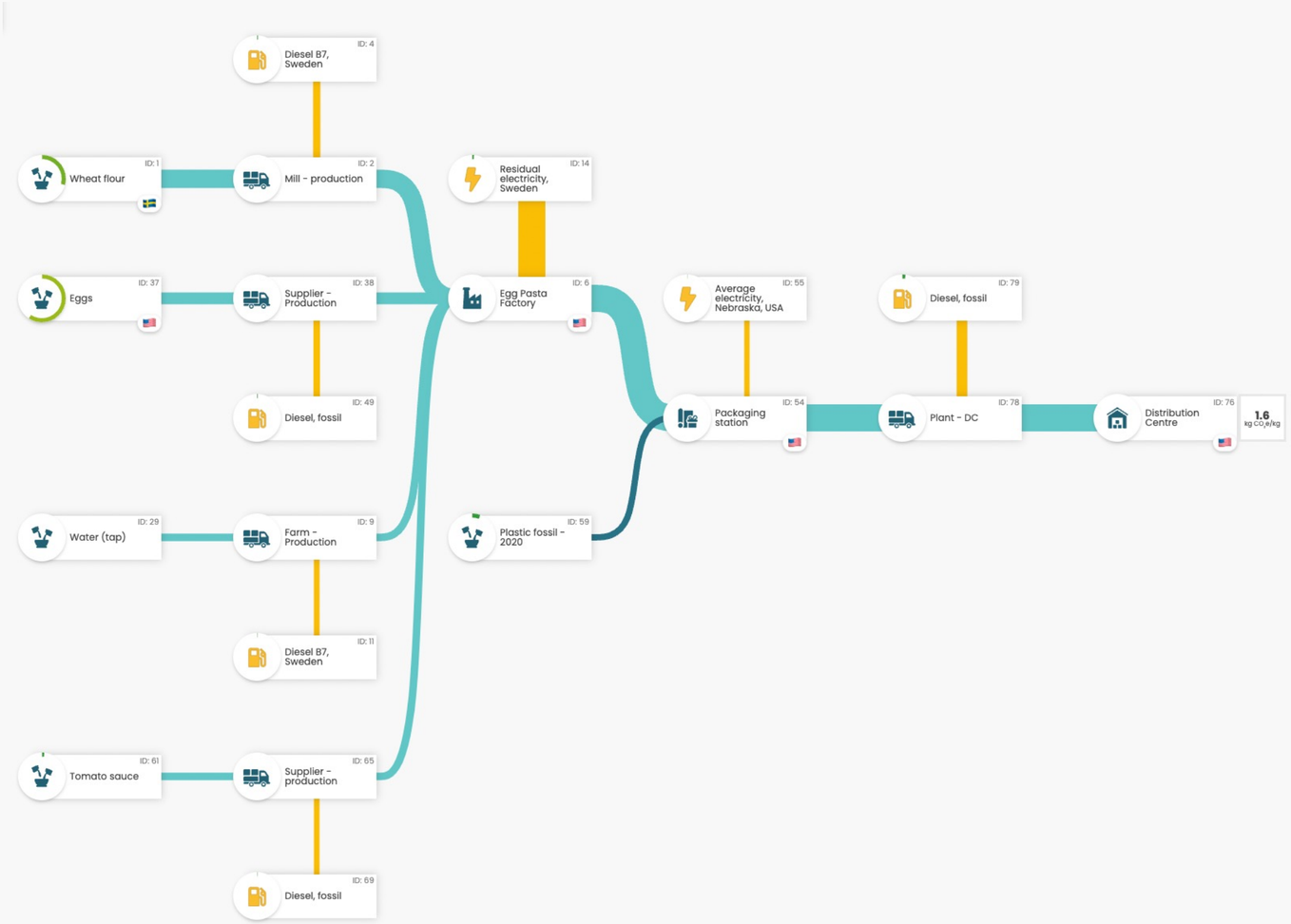
Identify hotspots and involve the entire organization in emissions reductions



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2022 | ALL PRODUCTS | ALL REGIONS | ALL GASES | SCOPE 1,2,3 | Export

TOTAL CLIMATE IMPACT **5 845 000** kg CO_2e

Up 35% since last month

AVERAGE* PRODUCT FOOTPRINT **1.7** kg CO_2e/kg

Down 2% since last month

*Average product footprint weighs in the production volumes of the different products.

2021-05-17	Correction	ACME foods
	Correction	NB oats
2021-05-02	Data improvements	CarbonCloud

EMISSIONS BY SECTOR kg CO_2e/kg | SCOPE 1,2,3

Farming	684500	(32%)
Transportation	485700	(27%)
Processing	385602	(18%)
Packaging	142570	(7%)
Distribution	18354	(9%)

HIGHEST FOOTPRINT

3,4 kg CO_2e/kg	Raspberry Ice
2,8 kg CO_2e/kg	Oatsome creamy oat
2,6 kg CO_2e/kg	Oaty fraiche

See all

LOWEST FOOTPRINT

0,32 kg CO_2e/kg	Original Oat
0,34 kg CO_2e/kg	Choko Oats
0,37 kg CO_2e/kg	Oatgurt Original

See all

MOST USED INGREDIENT kg/month

Oat	58745 kg	Produced in SWE
Oat	32548 kg	Produced in DEN
Oat	29840 kg	Produced in AUS

See all

HIGHEST EMISSION INGREDIENT per kg

Rapeseed oil	Produced in DEN
Sunflower oil	Produced in SWE
E230	Produced in AUS

See all

EXPLORE ALTERNATIVES


THE ORIGINAL
OAT-LY!
HAVRE DRYCK
deluxe
THE ORIGINAL
OAT-LY!
BARISTA EDITION
BARA SCHYSSTA SNACKS!
Estrella
MED SKALET KVAR – EXTRA KRISPIGA
TENZING
NATURAL ENERGY
PURELY FROM PLANTS
BLACKBERRY & ACAI
WHEN IN ROME
ITALIAN Craft WINE
MERLOT
AHLGRENS
bilar
Sveriges mest köpta bil
GRÖNA BILAR
Sproud
PLANT-BASED
BARISTA
MADE FROM PEAS
AN ALTERNATIVE TO MILK
NELEMAN
TEMPRANILLO ROSÉ

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The food industry's climate intelligence platform