



*Myllyrin*

BY  
HELSINKI  
MILLS

# HELSINKI MILLS SUSTAINABILITY REPORT 2023

Sowing seeds of good



# HELSINKI MILLS IS A FINNISH FAMILY BUSINESS

- ☛ Helsinki Mills is a 90 year old Finnish family business that feeds happiness and sows seeds of good.
- ☛ We produce responsible and high-quality grain products for consumers, professionals, and the food industry both for domestic use and for export.
- ☛ The extensive Myllärin product range offers options for all times of the day, including organic and gluten-free.
- ☛ Products are manufactured in our factories in Järvenpää, Närpiö and Vaasa.

*From the family of owners, Filip Kumlin (left), export salesman, Maret Puhk (center), chairman of the board, and Niklas Kumlin (right), CEO, work at the company.*





# HELSINKI MILLS IN NUMBERS (2023)

**57.5** TURNOVER  
EUR MILLION

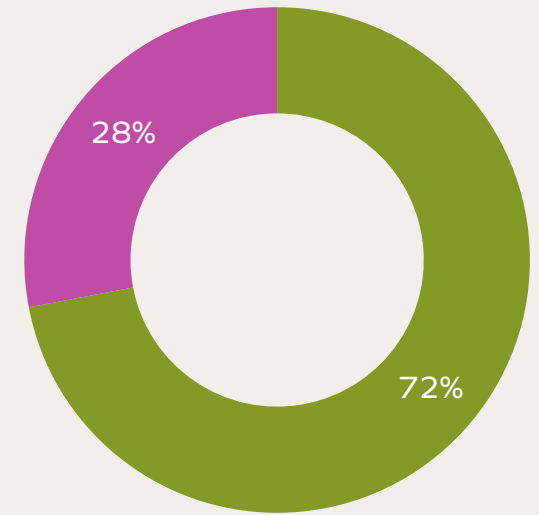


OUR BASIC RAW MATERIAL IS  
LOCALLY GROWN, FINNISH  
GRAIN. THE GRAIN WE  
PROCESSED WAS 100%  
DOMESTIC

WE HAD AROUND 80 CONSUMER  
PRODUCTS IN OUR RANGE, OF WHICH  
40% ORGANIC PRODUCTS &  
20 % GLUTEN-FREE PRODUCTS

IN 2023, WE PAID €194,020 IN  
INCOME TAXES AND INVESTED A  
TOTAL OF €852,000 IN FINLAND.

WE EMPLOYED 112 PERSONS AT  
THREE LOCATIONS IN  
JÄRVENPÄÄ, NÄRPIÖ AND VAASA



■ MEN      ■ WOMEN

The average age of our staff is 42.



# HELSINKI MILLS' SUSTAINABILITY PRIORITIES\*

*\*Our sustainability programme is based on the UN Sustainable Development Goals.*

**The accountability umbrella pledge:  
We offer healthy and responsible  
plant-based food solutions for a variety of diets.**



**Environment - towards  
a more sustainable food  
system**

Ensuring that farming will still  
be possible in 100 years'  
time.



**Procurement -  
responsible raw  
materials**

We ensure responsible  
sourcing for the manufacture  
of our products.



**People and society - well-  
being and a healthy  
lifestyle**

We ensure responsible human  
resources policies and  
management.

**Our goal is that our whole value chain will be carbon neutral  
by the time our company turns 100 years old in 2034.**



# 2023 HIGHLIGHTS

## Environment - towards a more sustainable food system

- ✦ We calculated our Scope 3 emissions for the first time
- ✦ Mäki-Latvala farm produces its first smartly grown Oats 2.0 crop
- ✦ We installed electric car charging points at our sites
- ✦ We selected new logistics partners, taking into account their own sustainability programmes and the fact that we receive emissions data from them.
- ✦ We started a partnership with fertiliser manufacturer Yara to use oat husk, a by-product of the milling process, in Yara's recycled fertilisers.

## Procurement - sustainable raw materials

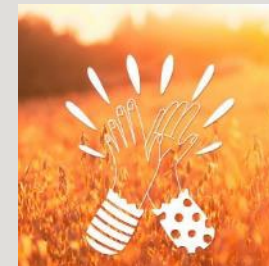
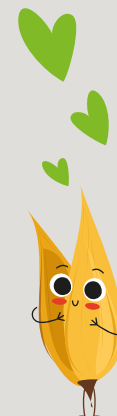
- ✦ The second harvest of oats grown under the sustainability programme was harvested
- ✦ We reduced raw material sourcing from countries we identified as risk countries
- ✦ We made the decision to switch to FSC-certified cardboard for our packaging from 2024 onwards

## People and society - well-being and a healthy lifestyle

- ✦ We introduced the Whistle Blowing channel
- ✦ 25 employees have adopted the employee bicycle
- ✦ We made a donation of €10 000 from our positive bottom line to Save the Children
- ✦ We campaigned in the Vegemi children's booklet on the importance of eating vegetables in collaboration with Venner



# OUR CHOICES REGARDING THE ENVIRONMENT



1934

1990's

2010's

2020's

2023

- **1934** We started our operations in Finland and began producing plant-based food, using domestic cereals as the main raw material.

- **1997** We started making organic products more than 25 years ago. In 2023, organic products accounted for about 22% of our turnover.

- **2010** We chose an environmentally friendly form of energy and since then all our production facilities have used green electricity.
- **2013** Our own biopower plant was completed in Vaasa. It produces the thermal energy needed by the Vaasa factory from the oat husk waste generated in production.

- **2019** We started calculating our carbon footprint and we are the first mill in Finland to eliminate its carbon footprint. The company's own operations are carbon neutral (Scope 1+2 emissions).
- **2021** We switched to the less environmentally damaging EGP printing method for our packaging.
- **2022** The first oat harvest grown under the sustainability farming programme was completed
- **2022** Launched new oat products that can be used in cooking instead of rice

- We calculated our own Scope 3 emissions for the first time.
- Growing season of the first Oats 2.0 crop in Ilmajoki
- The Myllärin brand was included in the Sustainable Brand Index for the first time and ranked 19th.



# OUR FOOTPRINT – HOW WE SOW SEEDS OF GOOD

Our sustainable farming programme helps to increase yields and reduce the environmental impact of farming.

In doing so, we work with our contract farmers to secure the future of food production and reduce the environmental impact of our operations.



We promote sustainable and healthy eating by offering tasty, high-quality products that are suitable for all diets.

We lower the threshold to eat local, plant-based food and raise interest in the origin of food and respect for the environment.



We donate a share of our positive results to a common good, such as Save the Children.

We also make product donations to sports clubs and various events.



We already employ more than 100 people in three locations.



We are involved in three Enterprise Villages, where schoolchildren get to practise, for example, working as a miller and learning how food gets from the field to the table.



# SAFETY AND HIGH QUALITY

- ☛ The main raw material for our products is locally grown, domestic cereal grains
- ☛ We focus on high quality and safety throughout the production process
- ☛ We have three laboratories, one of which is dedicated to gluten-free products
- ☛ We have been awarded International Food Standard certificate (IFS).
- ☛ We also have Kosher, Halal and Organic certifications





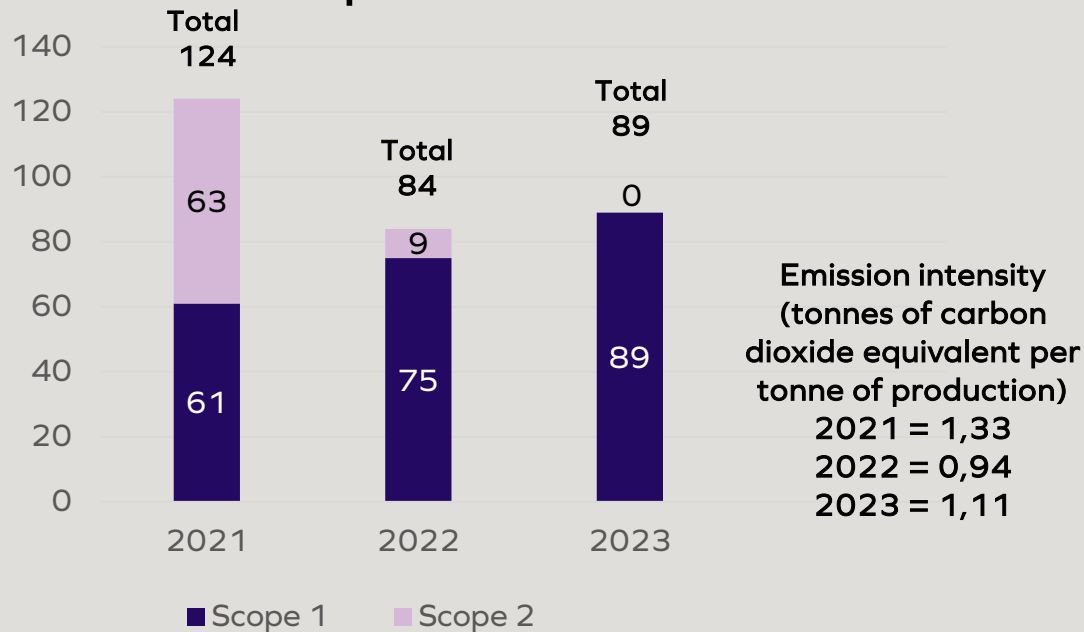


# OUR FOOTPRINT - DIRECT AND INDIRECT EMISSIONS FROM OUR ACTIVITIES

## SCOPE 1 AND 2

Our GHG Protocol carbon footprint (scope 1 and 2) was 89 tonnes in 2023

### Helsinki Mills' carbon footprint, Scopes 1 and 2



☛ Scope 1 (89 000 kg CO2e) includes own energy production, logistics with equipment under company control and refrigerant additions to refrigeration equipment

☛ Scope 2 (0 kg CO2e) includes purchased electrical energy and purchased thermal energy.



*Our Scope 1 emissions have increased in 2023, because a malfunction at our biopower plant forced us to use more reserve oil for steam and heat production at our Vaasa plant. There were no scope 2 emissions in 2023 because we only use renewable energy and district heating.*

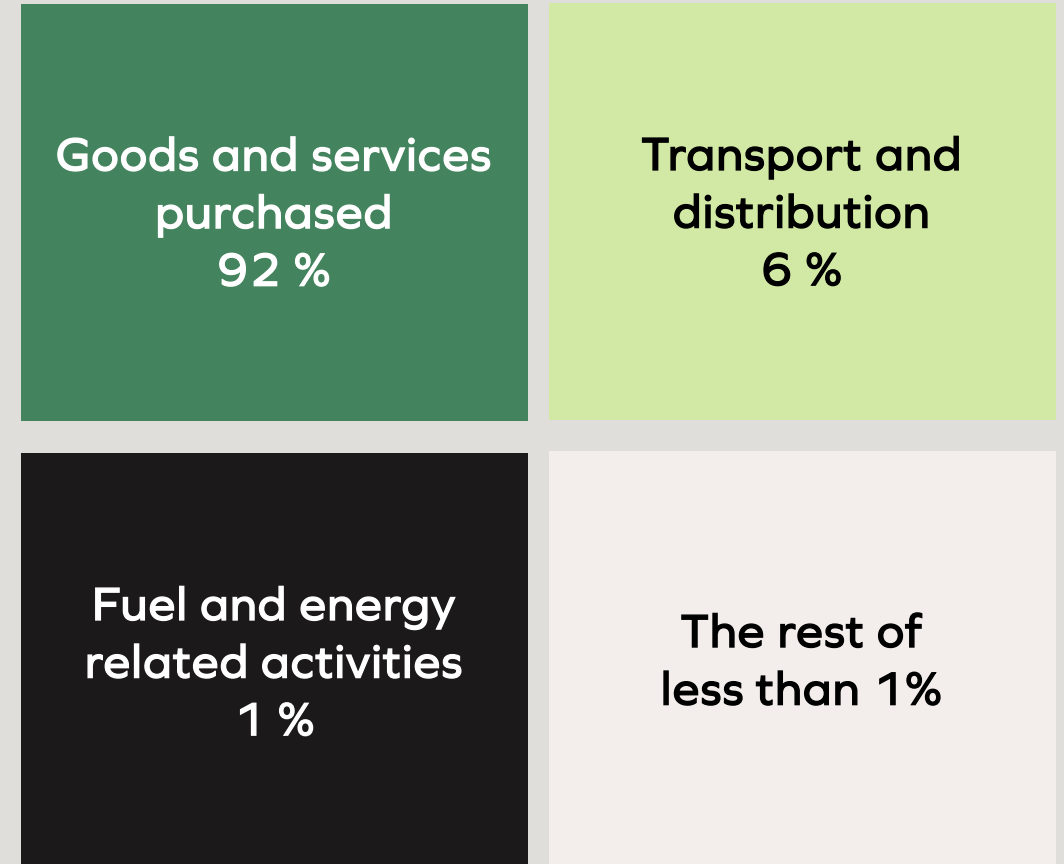
*We reversed our 2023 Scope 1 and 2 emissions by afforesting set-aside land together with Carboreal Oy. The purchased carbon sequestration units are located in Sievi, North Ostrobothnia.*



# EMISSIONS FROM OUR VALUE CHAIN

## SCOPE 3

- ✦ We have calculated the Scope 3 emissions for our value chain, which you can find out more about on the following page
- ✦ Our biggest climate impact comes from primary production.
- ✦ Our cereal products have a very small water footprint and our production does not generate any waste water.



*Our most significant emission sources in Scope 3.*



# CARBON FOOTPRINT 2023

## SCOPES 1-3

Helsinki Mills has calculated its climate impact by calculating the carbon footprint of its own operations in 2023 in accordance with the GHG protocol.

The aim of the first calculation was to create a clear understanding of Helsingin Mylly Oy's emission sources. In this way, reduction measures can be targeted as effectively as possible in the future.

EST. 1934



### EMISSIONS IN NUMBERS

# 50 210

t CO<sub>2</sub>e

Emissions for the whole year

# 873

t CO<sub>2</sub>e

Emissions / milj. €

# 502

t CO<sub>2</sub>e

Emissions / person

### HOW MUCH IS ONE TONNE CO<sub>2</sub>e EMISSIONS?

- 1 tonne of CO<sub>2</sub>e emissions equals ~6798 kilometres driven by car.\*
- average annual emissions of a Finn are ~10 tonnes of CO<sub>2</sub>e.\*\*

Sources: \* Liikenne fakta 2021, \*\* Sitra 2018

### SCOPE OF CALCULATION

The calculation takes into account emissions from own operations along the entire value chain (Scope 1, 2 & 3), including the following emission sources:

- In-use emissions from vehicle fuels
- Own energy production
- Electricity
- District Heating

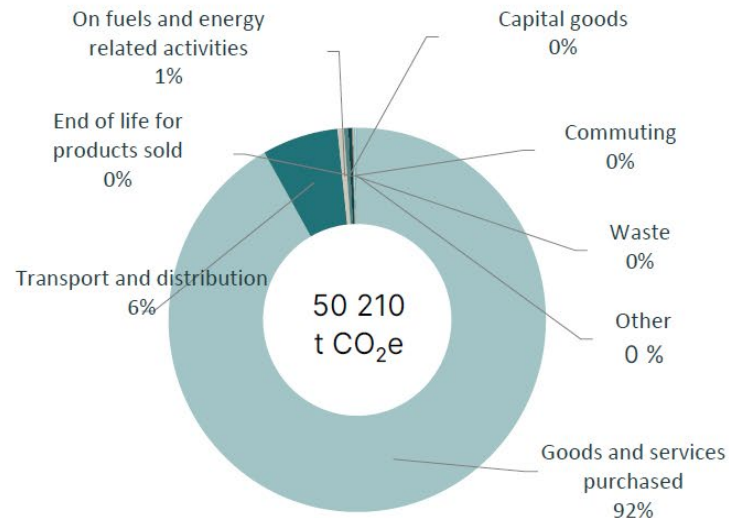
Scope 1

Scope 2

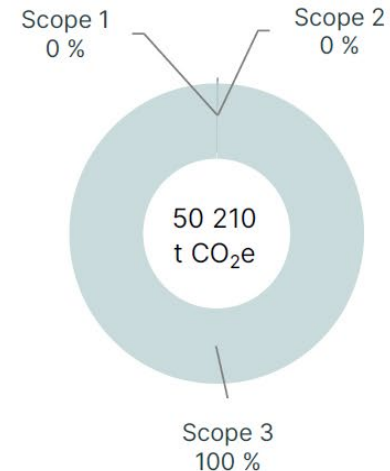
- Goods and services purchased
- Capital goods
- Transport and distribution
- Business travel and commuting
- Waste
- Fuel and energy related activities
- End of life of products sold

Scope 3

### EMISSIONS BY SOURCE



### EMISSIONS/ SCOPE



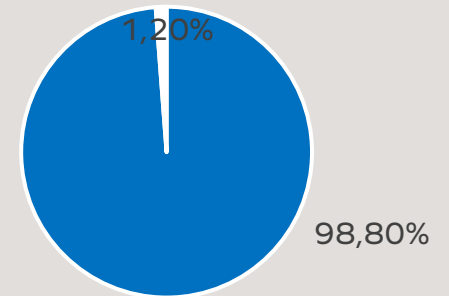


# PROCUREMENT IN 2023

- ☛ The grain we processed was **100% Finnish**
- ☛ **98.2%** of the raw materials we bought were domestic cereals
- ☛ **1.8%** were other raw materials, such as muesli ingredients, some of which we also sourced from abroad
  - **98.2%** of the raw materials sourced were from certified suppliers or suppliers who have signed our ethical principles
  - **1.2%** of raw materials were sourced from abroad. This share decreased from 2022.
- ☛ **0.2%** of all raw materials purchased came from countries we have identified as risk countries (source: BSCI risk countries) (in 2022, 0.27%)

**100 % of the grain we processed was Finnish**

Degree of domesticity of all raw materials



■ From Finland 98,8 %  
■ From Aboard 1,2 %



# FARMER COOPERATION

- ☛ In 2022, we launched a sustainable farming programme with our contract farmers to ensure a good harvest with less environmental impact.
- ☛ We have 11 gluten-free oats farmers in our sustainable farming programme. Shared goals and new lessons have fostered enthusiasm and networking among farmers.
- ☛ In 2023 **56%** of Helsinki Mills' gluten-free oats were cultivated according to the sustainable farming programme. The harvest was of very high quality and large size, which means that the yield has been very good.





## Helsinki Mills sustainability farming programme 2.0

# BETTER YIELDS WITH LESS ENVIRONMENTAL PRESSURE - BETTER SOIL CONDITION AND MORE BIODIVERSITY

**MANDATORY EVERY YEAR**

**OPTIONAL MEASURES**

### 1. Targeted fertilisation: the right amount in the right place



The fertilisation needs of the plant are measured with different sensors and fertiliser is applied according to the nutrient requirements.

- Saves on fertiliser costs, produces better yields
- The fertiliser goes into the crop and does not leach into the environment

### 2. Flowering plants in crop rotation: improving the soil fertility of fields



Oil plants and legumes (such as turnip rape and peas) improve soil structure and microbial activity

- Reduces the need for plant protection products and fertilisers
- Increases biodiversity and provides food for pollinators

### 3. Pollinator-friendly pesticides

**A NEW MANDATORY MEASURE!**

Only pollinator-friendly pesticides are allowed.

- Ensures that buzzy bugs can pollinate in peace
- Improves biodiversity of the fields

### Reduced tilling



Some fields are lightly tilled, while others have vegetal coverage over the winter.

- Nutrients do not leach into the environment
- Improves field structure, increases carbon sequestration, field humus content and small organisms such as worms

### Soil analysis



Soil scanning helps the farmer to fertilise and lime the field in just the right places.

- Extensive soil analysis provides information on the status of organic matter in the field and monitors its accumulation and carbon sequestration
- Nutrient balance calculation provides information on crop efficiency and fertiliser yield response

Kari Alasaari, a pioneer in precision farming, acts as the programme's expert.

For the 2024 growing season, the programme was updated to include **3 mandatory** measures and **4 optional** measures, one of which must be in place every growing season.



Farmers' additional efforts are compensated by us paying a premium price for the crop.



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