



Helsinki Mills' sustainability report 2022

“We offer healthy and responsible plant-based food solutions for various diets.”

A Finnish family business in its fourth generation

Helsinki Mills, which produces Myllärin products, is Finland's largest processor of organic grains and gluten-free oats, known for its high-quality grain products and responsibility.

- Our basic raw material is locally grown, Finnish grain
- Our products are 100% plant-based
- In 2022, we employed 105 people* in three municipalities; in Järvenpää, Närpiö and Vaasa
- Our turnover in 2022 was 57.6 million euros



**32% of our staff members are women and 68% men. The average age is 43.*



Helsinki Mills' sustainability priorities



Sustainability umbrella pledge:

We offer healthy and responsible plant-based food solutions for various diets.

Environment - towards a more sustainable food system

We ensure that cultivation is also possible 100 years from now.

Procurement - responsible raw materials

We ensure that the sourcing of our products is done responsibly.

People and society - well-being and a healthy lifestyle

We ensure responsible human resources policies and management.



Highlights of 2022

Environment - towards a more sustainable food system

- We established a sustainability steering group and updated the Helsinki Mills sustainability program
- We moved to emissions accounting in accordance with the GHG Protocol
- The Järvenpää production plant switched over to use fully renewable energy for heating
- We launched responsible domestic oat products that can be used in cooking instead of rice, for example

Procurement - responsible raw materials

- The first harvest of oats grown under the sustainable farming program was completed

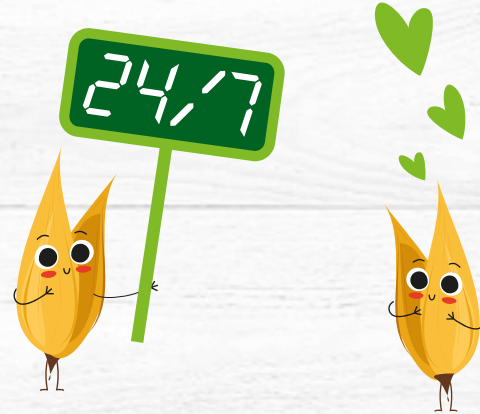
People and society - well-being and a healthy lifestyle

- We are the 17th largest employer in Järvenpää and the second largest taxpayer in Järvenpää. In 2022, we paid 284,000 euros in income taxes and we invested a total of 0.6 million euros in Finland.
- We offered production workers the opportunity to rotate between different production sites and production jobs
- We offered our employees the opportunity to have a company bicycle
- We made a donation of 10,000 euros from our positive result to the Save the Children association
- We donated housewarming product bags to students in Helsinki, Vaasa and Tampere in cooperation with HOAS, VOAS and TOAS
- We participated in the Sustainable Lifestyles Accelerator organized by the City of Järvenpää

One job in the Finnish food industry creates work for three other Finns.
Source: ETL



What environmental choices has Helsinki Mill made?



1934

1997

2010

2013

2020

2021

2022

We launched our operations in Finland and started producing plant-based food, with domestic grain as the main raw material.

We started producing organic products over 25 years ago.

In 2022 organic products formed a share of 28% of our turnover.



We chose an environmentally friendly form of energy and from 2010 all our production plants have been using green electricity.

Our own bio power plant was built in Vaasa. It will produce the thermal energy needed by the Vaasa plant from the oat husk waste generated in production.

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).

We switched to the less environmentally damaging EGP printing method for packaging.

We launched the development of the environmental and sustainable farming program.

We joined Biocode Collective and FIBS ry.

We launched new oat products that can be used in cooking instead of rice.

The first harvest of oats grown under the sustainable farming program was completed.

We switched to renewable heat energy at the Järvenpää factory.

*The carbon footprint of oat is approx. 70% smaller than that of rice

Our handprint - how do we do good?

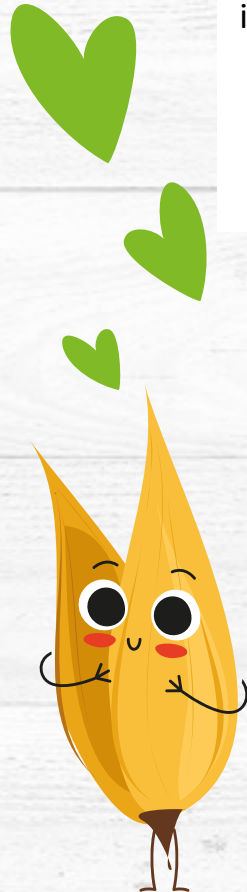


Our sustainable farming program helps to increase yields and reduce the environmental impact of farming.

In this way, together with our contract farmers, we are securing the future of food production and reducing the environmental impact of our activities.

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 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 increase interest in the origin of food and respect for the environment.



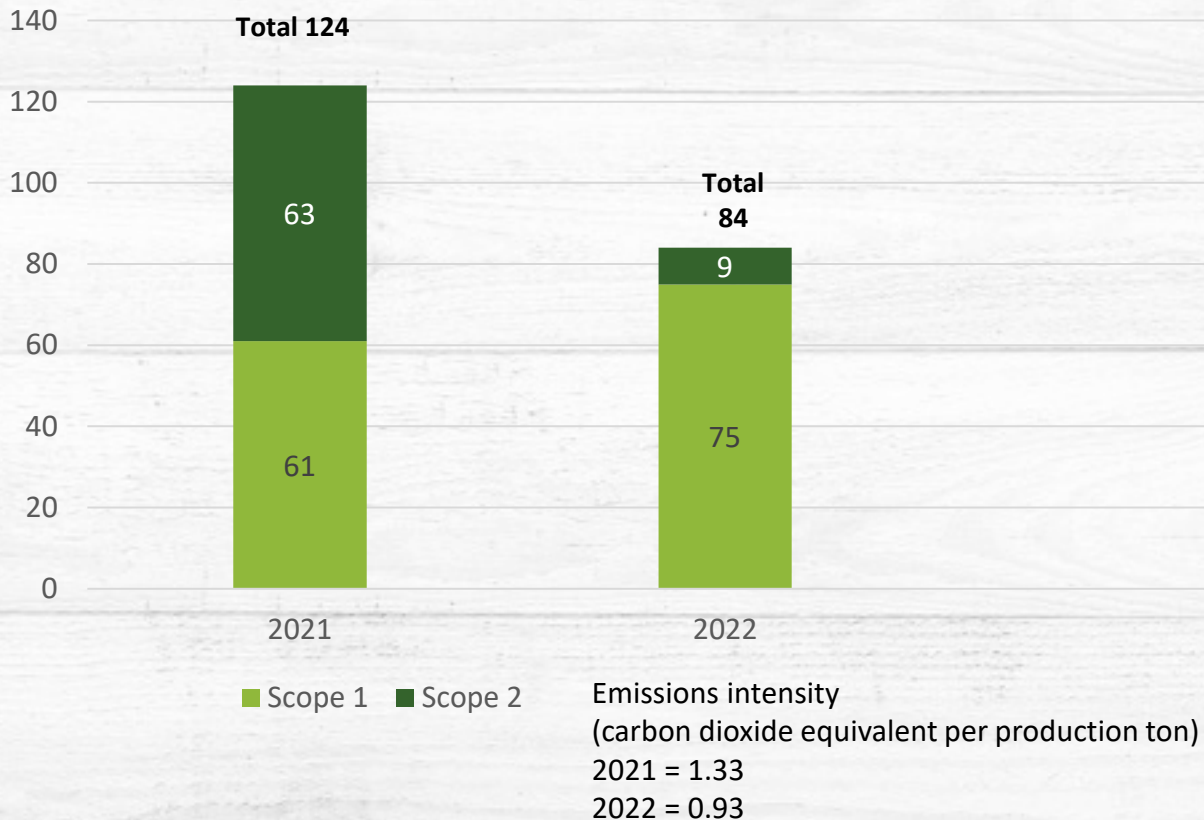
We are part of three Business Villages in which pupils have the opportunity to practice, e.g. the work of a miller or sales manager, and learn how food reaches the dinner table from the field.



Our footprint - direct and indirect emissions from our activities

Scope 1 and 2

Helsinki Mill's carbon footprint, scopes 1 and 2



Our Scope 1 emissions have increased in 2022, due to slightly higher own energy production and higher emissions from logistics after the coronavirus year. Our Scope 2 emissions will decrease in 2022, as we switched the Järvenpää factory heating to renewable district heating

Our carbon footprint calculated according to the GHG Protocol (scope 1 and 2) was 84 tons in 2022

(124 tons in 2021)

- Scope 1 (74,672 kg CO₂e) includes own energy production, logistics with equipment under company control and refrigerant additions to refrigeration equipment
- Scope 2 (9,018 kg CO₂e) includes purchased electrical energy and purchased thermal energy

In 2034, our company will celebrate its 100th anniversary. Our goal is that our entire value chain will then be carbon-neutral.



Partner: Carbon-neutral Finland 2035

Our carbon footprint is equivalent to the annual carbon emissions of just under 10 Finns. This is as low as we can get it, so we offset our 2022 scope 1 and 2 Green Carbon emissions with domestic forest carbon sinks that promote additional forest growth.



Emissions from our value chain

Scope 3

- We have identified the most significant sources of emissions in our value chain in the scope 3 category
- Our biggest climate impact comes from primary production. That's why in 2022, we focused on procurements and more responsible cultivation, which we will explain in more detail on the following pages.
- Each year, we select scope 3-related measures that will have a positive environmental impact.



Our most significant emission sources in the scope 3 category.

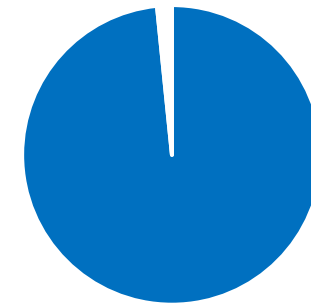


Procurements in 2022

- The grain we processed was **100%** Finnish
- **98.4%** of the raw materials we buy are domestic grains, the remaining **1.6%** are other raw materials, such as muesli ingredients, which we also source to some extent from abroad
- **99.92%** of all our procurements are from suppliers who are certified or have signed our ethical principles
- **0.27%** of raw materials come from countries we have identified as risk countries (source: BSCI risk countries)

100%
Finnish grains

Degree of domesticity of all raw materials



■ Finnish 98,4 % Abroad 1,6 %

Responsible farming and biodiversity

Our aim is to ensure that we have good crop yields even as climate change and extreme weather events become more common. Through the farming program, we will reduce environmental pressures, improve soil condition and increase biodiversity.



"This benefits nature, farmers and the mill."

Pekka Kultti,
Helsinki Mill grain purchasing manager and pure oat farmer



Kari Alasaari, a pioneer in precision farming, is the expert on the program.

Precision fertilization - the right amount in the right place

The fertilization needs of the plant are measured with different sensors and fertilization is dosed according to nutrient requirements

- + Saves on fertilizer costs, produces better yields
- + Fertilizer goes into the crop and does not run off into the environment

Flowering plants in rotation - improving the condition of fields

Oilseeds and legumes (such as rapeseed and peas) improve soil structure and microbial activity

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

Reducing tillage and catch crops

Some fields are lightly mulched, others are kept under cover over the winter

- + Nutrients do not run off
- + Improves field structure, increases carbon sequestration, field mulch and the number of small organisms such as worms

Soil analysis

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

- + Extensive soil analysis provides information on the organic matter situation in the field and monitors its growth and carbon sequestration



Farmers' inputs will be compensated by a premium price for the crop.



First results of the farming program

- 10 gluten-free oat farmers are involved in the sustainable farming program. Shared goals and new knowledge have fostered enthusiasm and networking among farmers.
- In 2022, **50%** of Helsinki Mill's gluten-free oats were grown according to the sustainable farming program.
- The harvest was of very high quality and large size, so the yield has been very good.



Waste and loss - part of the circular economy

- Our production generates very little waste
- In the milling process, side streams come from, for example, the hulling of cereal grains.
- We have a use for all our side streams, and we are constantly exploring new ways of using them
 - Oat hulls are used at Vaasa production plant's bio power plant to produce heat energy
 - Grain parts unfit for human consumption are sold for example for feed use to animal farms
 - Any product waste is sold to, for example Fiksuruoka or donated to those in need
- The water footprint of Myllärin's cereal products is very small, and our production does not generate any waste water.



Why is Myllärin a good choice?

- By using Myllärin's products, you make a good choice in many ways: you can be sure that it is a high-quality cereal product developed for Finnish tastes, made with the user's wishes in mind and with the needs of different diets in mind.
- We are constantly developing our operations to ensure the best possible eating and well-being. We want to provide the best possible food for everyone!



Read more on our website

Helsinki Mills.fi/sustainability

myllarin.fi



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