

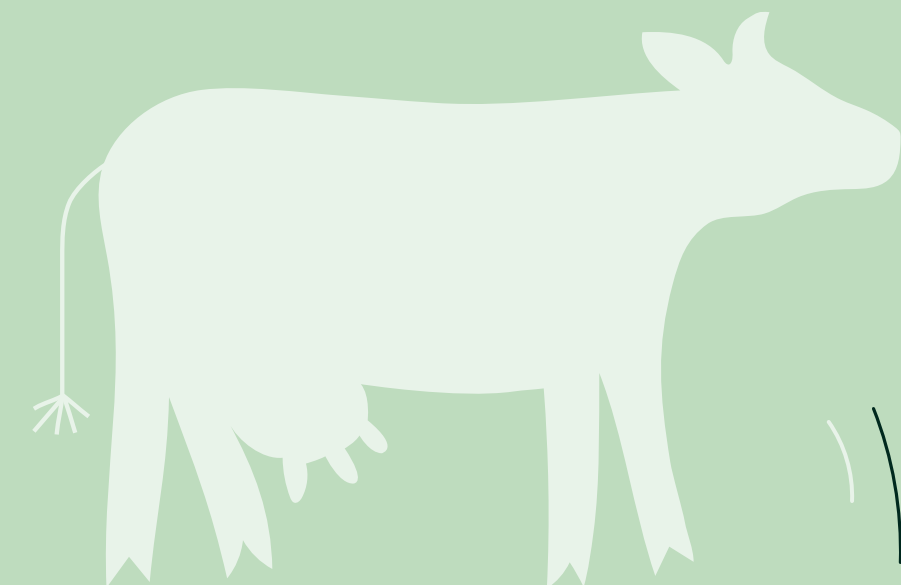
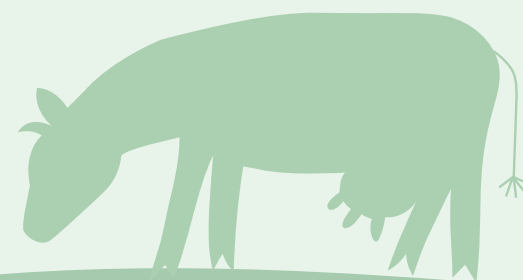
SCE Epiim Sustainability Programme



„We are dairy supply, which benefits local sustainable countryside life.”

Our cooperative/company is owned by Estonian and Latvian farmers, all profits are paid out to our farmers. We produce high quality and safe products, following animal welfare, reducing environmental impact and will be Zero Net Carbon Company by 2040 (2030 – 55%)

2030 -55%



MISSION

Sustainable and Caring Epiim



VISION

- World class cheese, cream, fresh milk products and energy protein powders producer
 - Sustainable Growth
 - Shared Social Responsibility
- Zero Net Carbon Company by 2040 (2030 – 55%)

MISSION

Sustainable and Caring Epiim

OBJECTIVES

- Fair milk price
- Carbon footprint measure per kg milk
- GHG reporting
- Increased use of Renewable Energy%
- Carbon Net Zero Operations
- World Class Animal Welfare Standard
- Sustainable packaging
- Closed loops
- Responsible Sourcing
- Increased Biodiversity

MISSION

Sustainable and Caring Epiim

VALUES

- Our farmers and all our workers
- Passion for dairy farming and production
- Partnership and networks
- High quality and safe products
 - Happy Cows
- Environmentally friendly approach

Natute
Observation and
Cycling paths

Biodiversity:
protecting Nature
and Wildlife

Carbon footprint
per kg milk

GHG, CO₂
reporting

%
Renewable
Energy

CO₂ Carbon Net
Zero Operations

0-tolerance on
antibiotic residues

World Class
Animal Welfare
Standard

Water

Female
Farm Owners
%

Sustainable
Packaging

Responsible
Sourcing

Closed loops:
own feed, biogas,
recycable/reusable/
compostable plastic

RTRS soy/No soy

Innovation

Annual
Sustainability report

Sustainable & caring Epiim

World Class Animal Welfare Scheme

- ▶ Farm Quality Standard – on process
- ▶ Check-list – to be established
- ▶ Audit report template – to be established
- ▶ Audit scheme: Third party/own audit – if own auditors, auditors team
- ▶ Frequency of the audits – 18 months; 190 farms, 2,6 audits per week, 3 teams, 405 man-days per year
- ▶ Contracted milk producers – contract conditions, the same requirements



Carbon footprint per kg milk

- ▶ All Estonian and Latvian farmers will perform
- ▶ Cool Farm Tool
 - Pilot:** performed
 - Second stage:** performed, 10 Estonian+5 Latvian pilot test farms
 - Stage three:** all farmers and contracted producers, on-going, ready by March 2022
- ▶ Action plan for the reduction and compensation 55% by 2030



GHG, CO₂ reporting

FARMS AND PRODUCTION UNITS

1 Annual Report
available from February 2022

2

CO₂ emission to air,
reduction 55%

by 2030

3

CH₄ (methane)
emission to air

4

N₂O (nitrous oxide)
emission to water

5

CH₄, N₂O reduction plan
by 2030

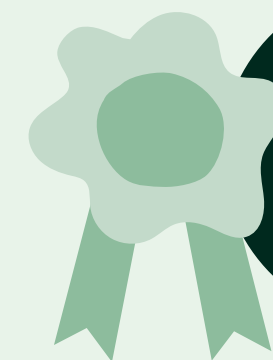
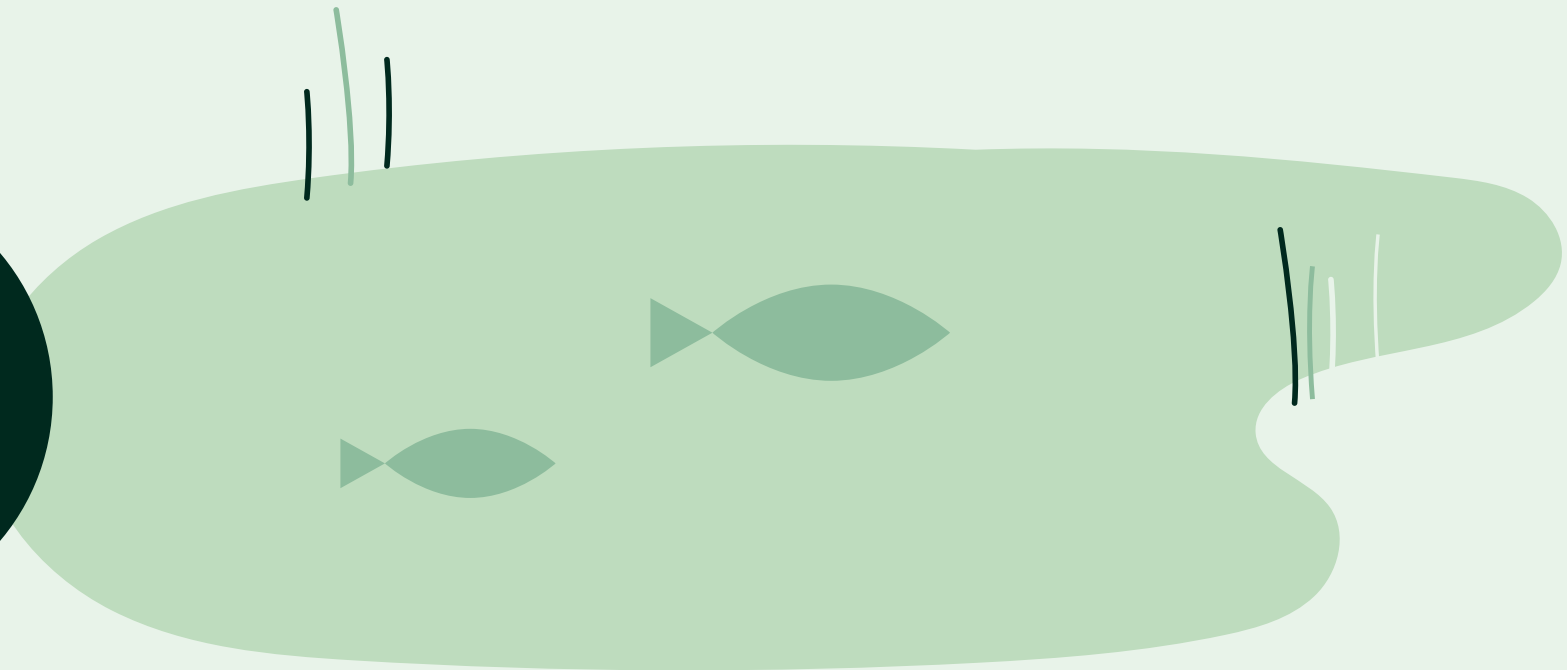
6

Farms calculations
base on certified tools

7

Factory calculations in the
certified platform

(energy use, amoniac leakage, chemicals, packaging.
Transportation: farm-factory-retail/wholesale)



% Renewable Energy

Annual Report growth % per farms ((as total groth) and factories.
(Starting years to be decided).

1



TRANSPORT

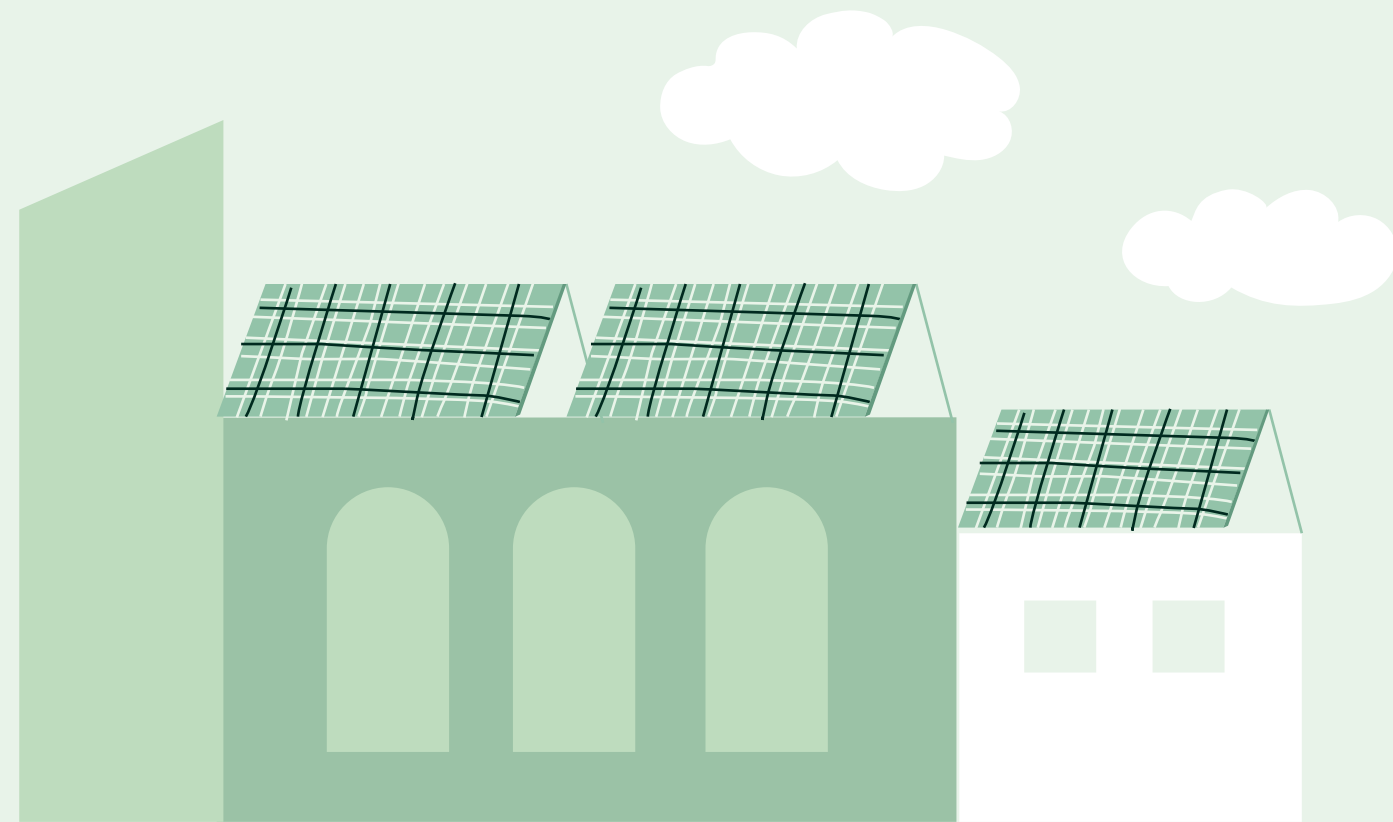
2



ENERGY

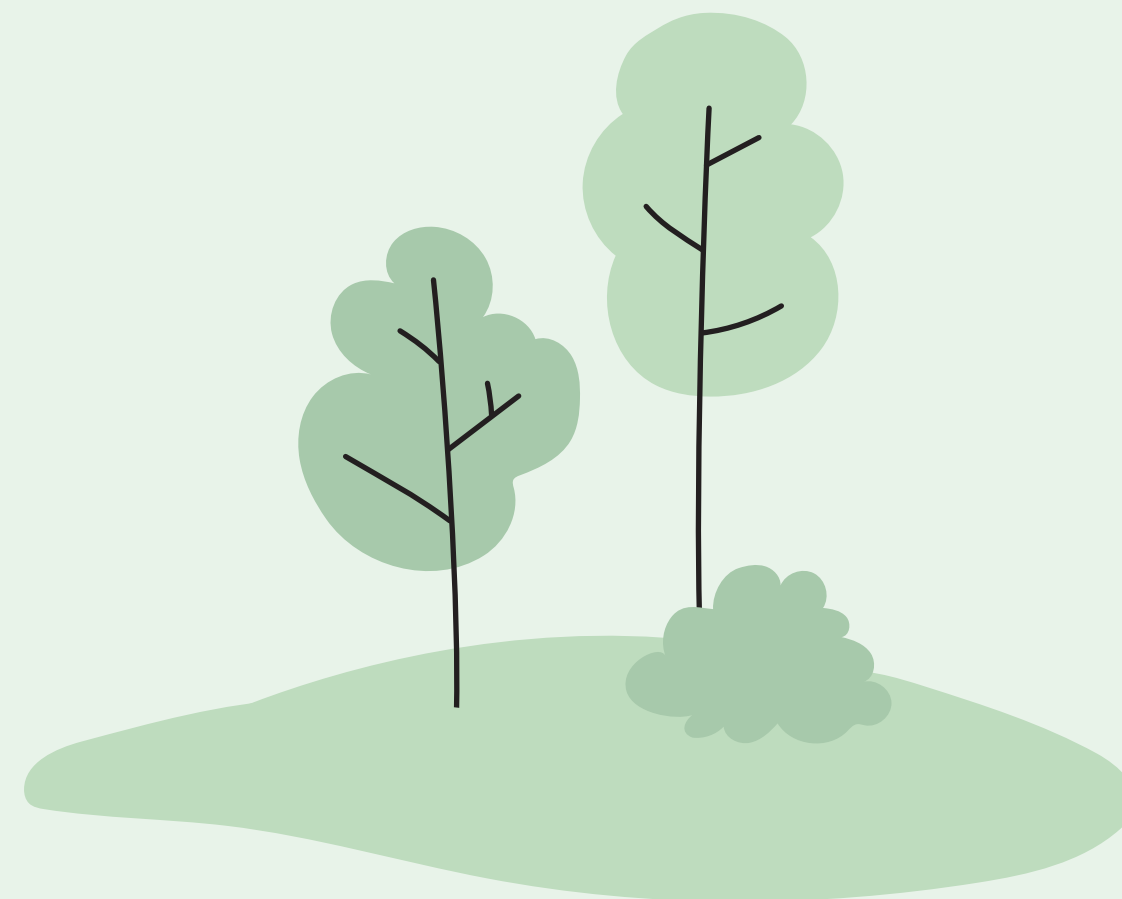
CO₂ Carbon Net Zero Operations

**New
factory**
Carbon Neutral?



%

of farms Carbon Neutral?



%

Carbon Neutral
transportation



0-tolerance on antibiotic residues

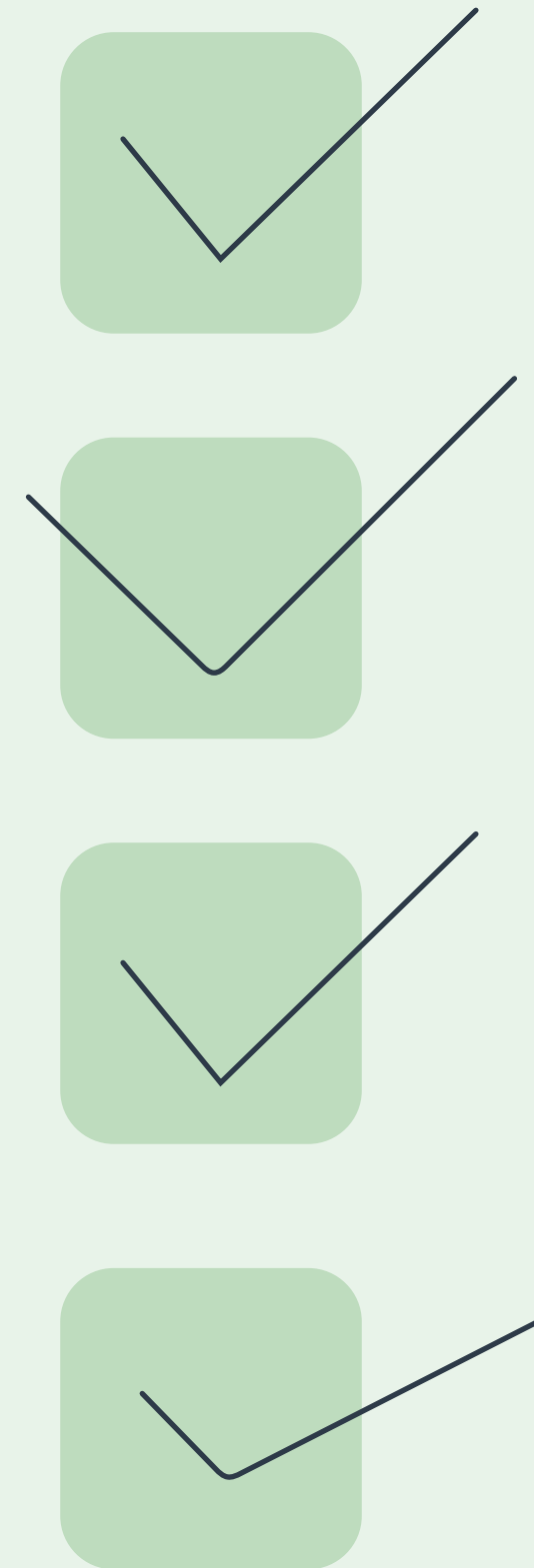


Annual Sustainability Report

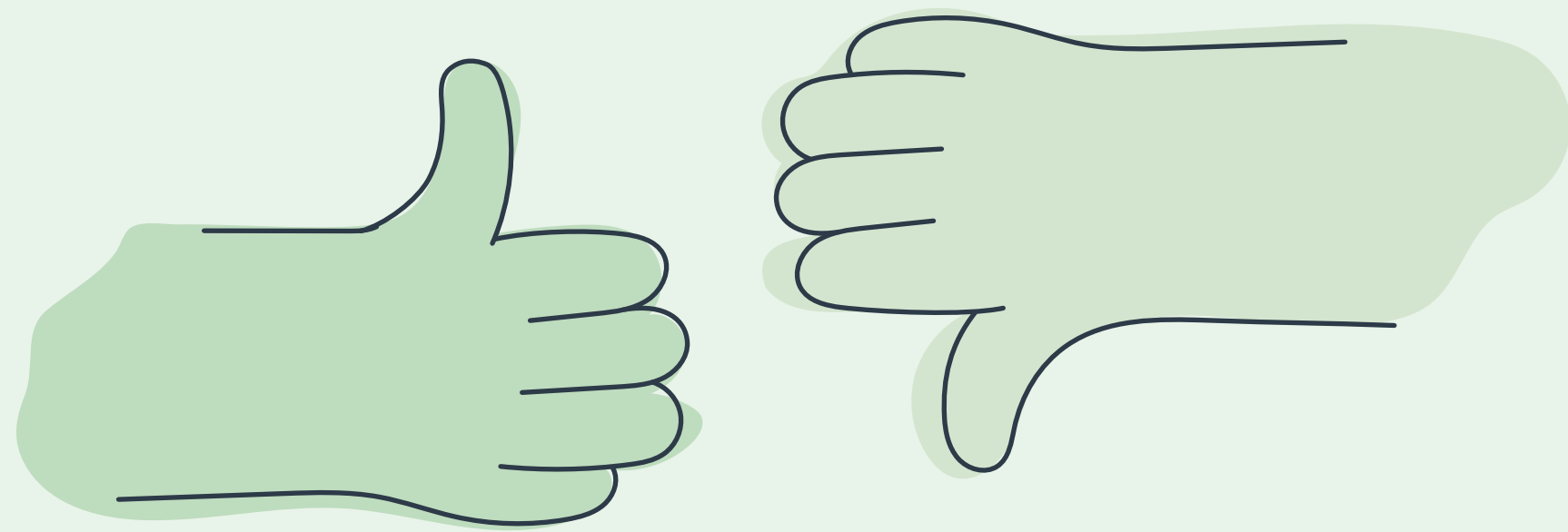


Responsible sourcing

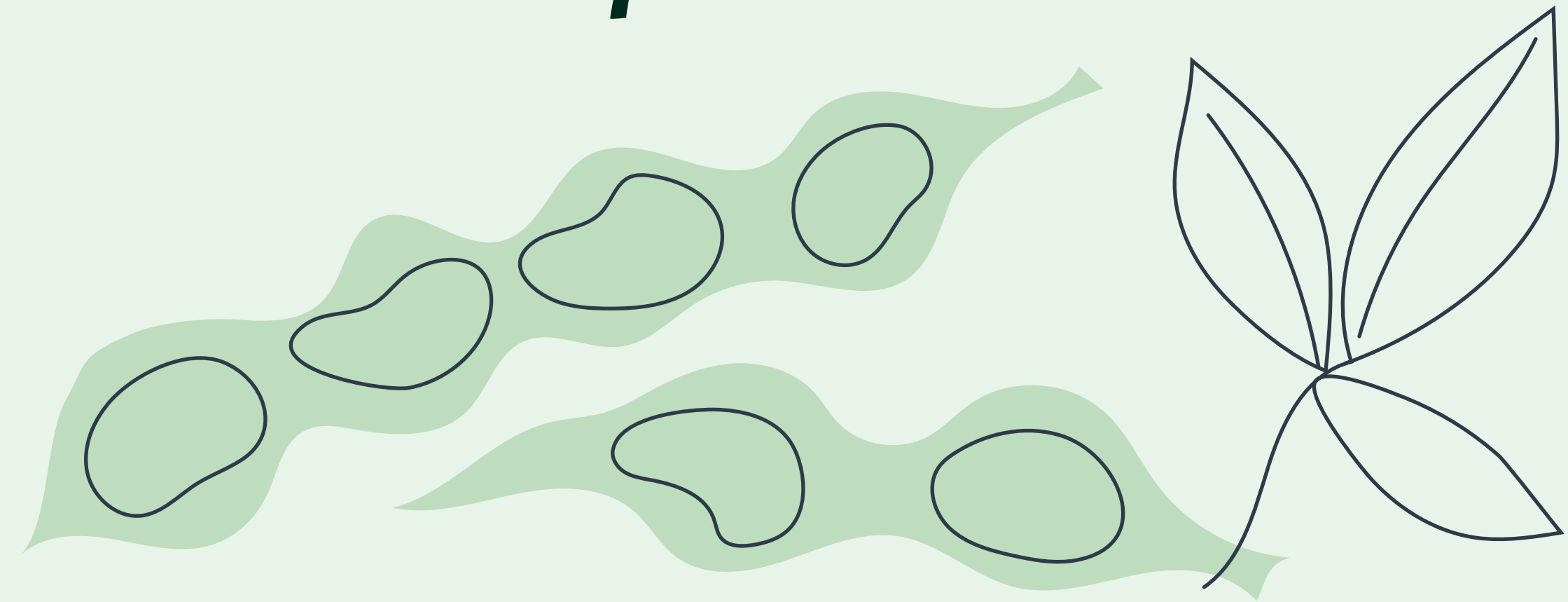
-  Requirements on suppliers
-  Questionnaires and on-site audits



RSTS Soy/No soy/Non-GMO soy?



Customer preference
towards use of soya as
animal feed

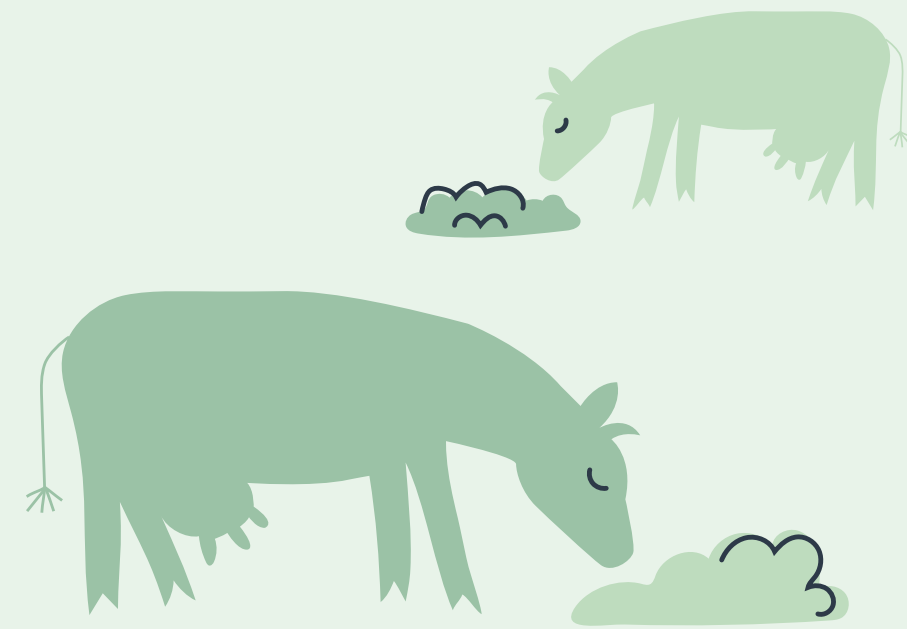


Options: RSTS soya,
Non-GMO soya,
No soya feed

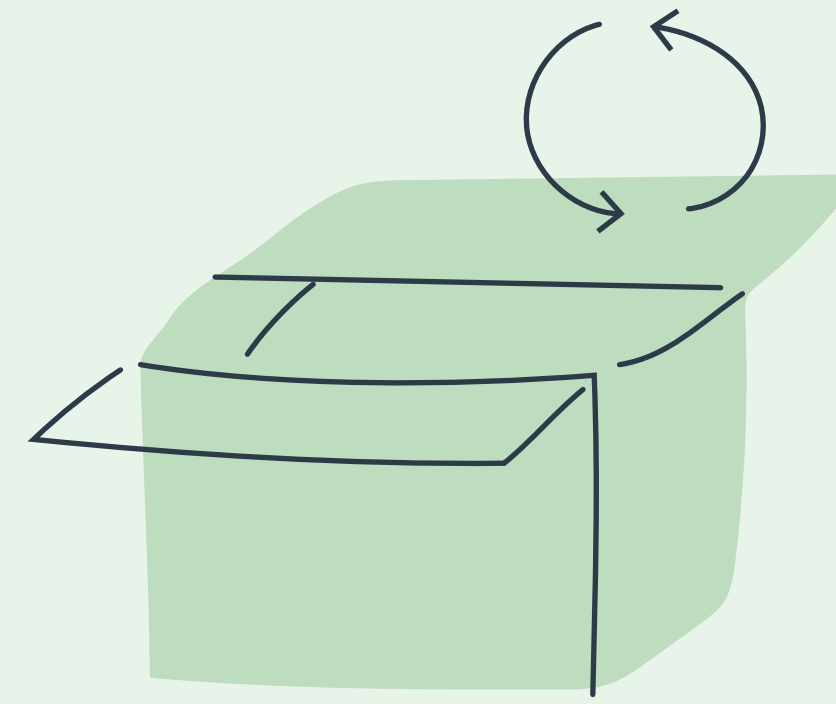
Closed loops



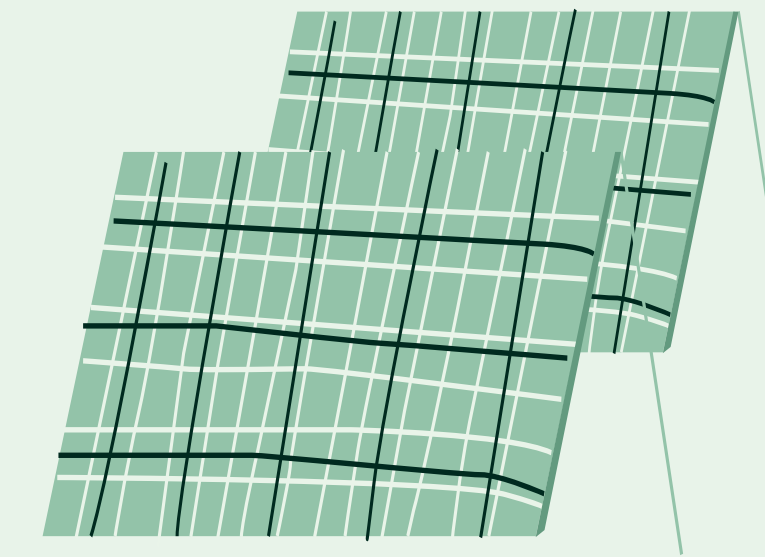
**Biogas production
from manure**



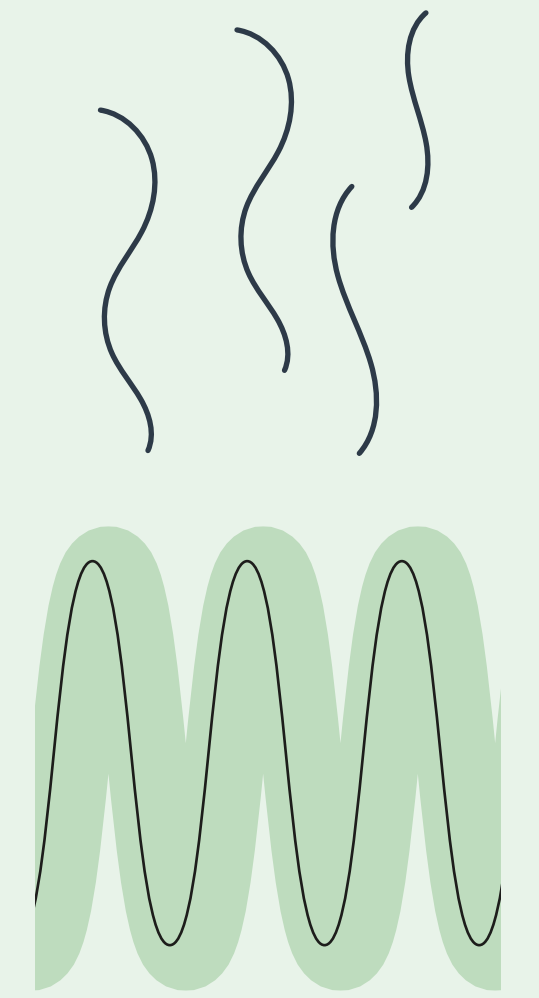
**Use of
own feed%**



Recycling of
packaging materials



Solar panels



**Recovery of
milk heat
energy**




Biogas production

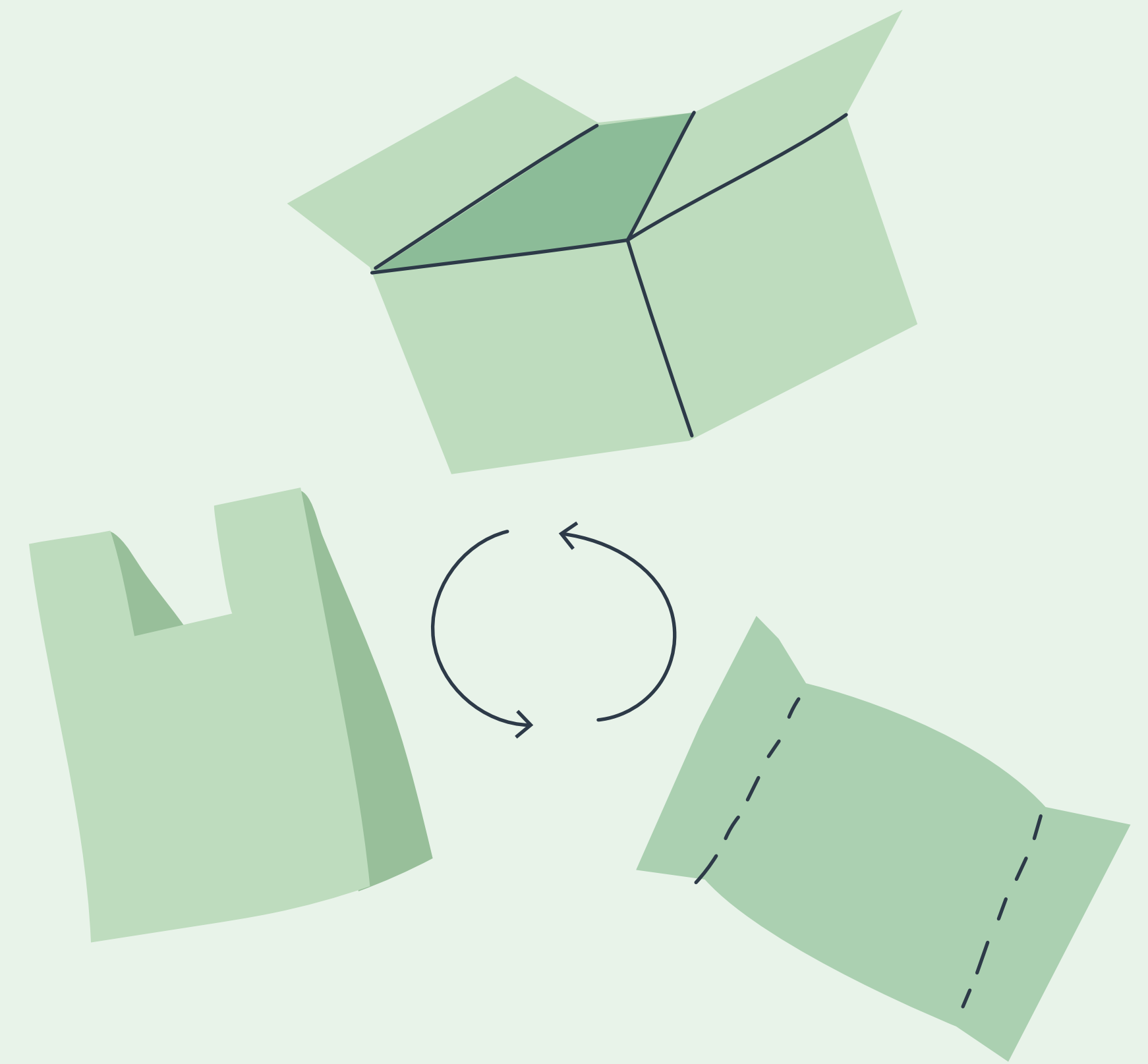
Biogas production from manure and biowaste

Investments into biogas production stations,
one shared station between 4-10 farms
Involvement of community, people can
leave bio garbage into stations





Sustainable Packaging

-  Recyclable/reusable/compostable plastic
-  FSC certified paper-based packaging
-  Plastic reduction%







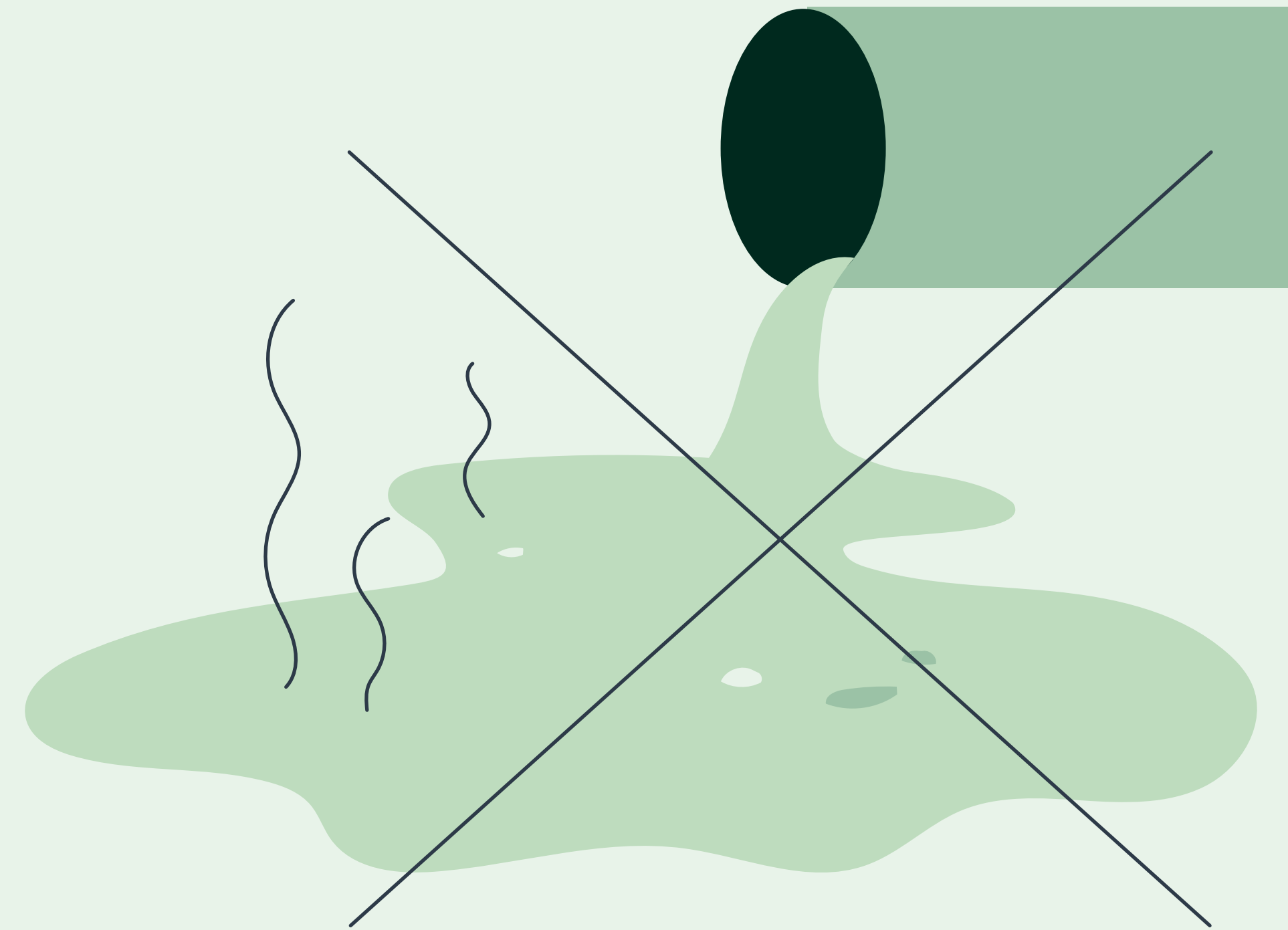
Female Farm Owners

-  % of female farm owners
-  % growth per year and growth per last 10 years






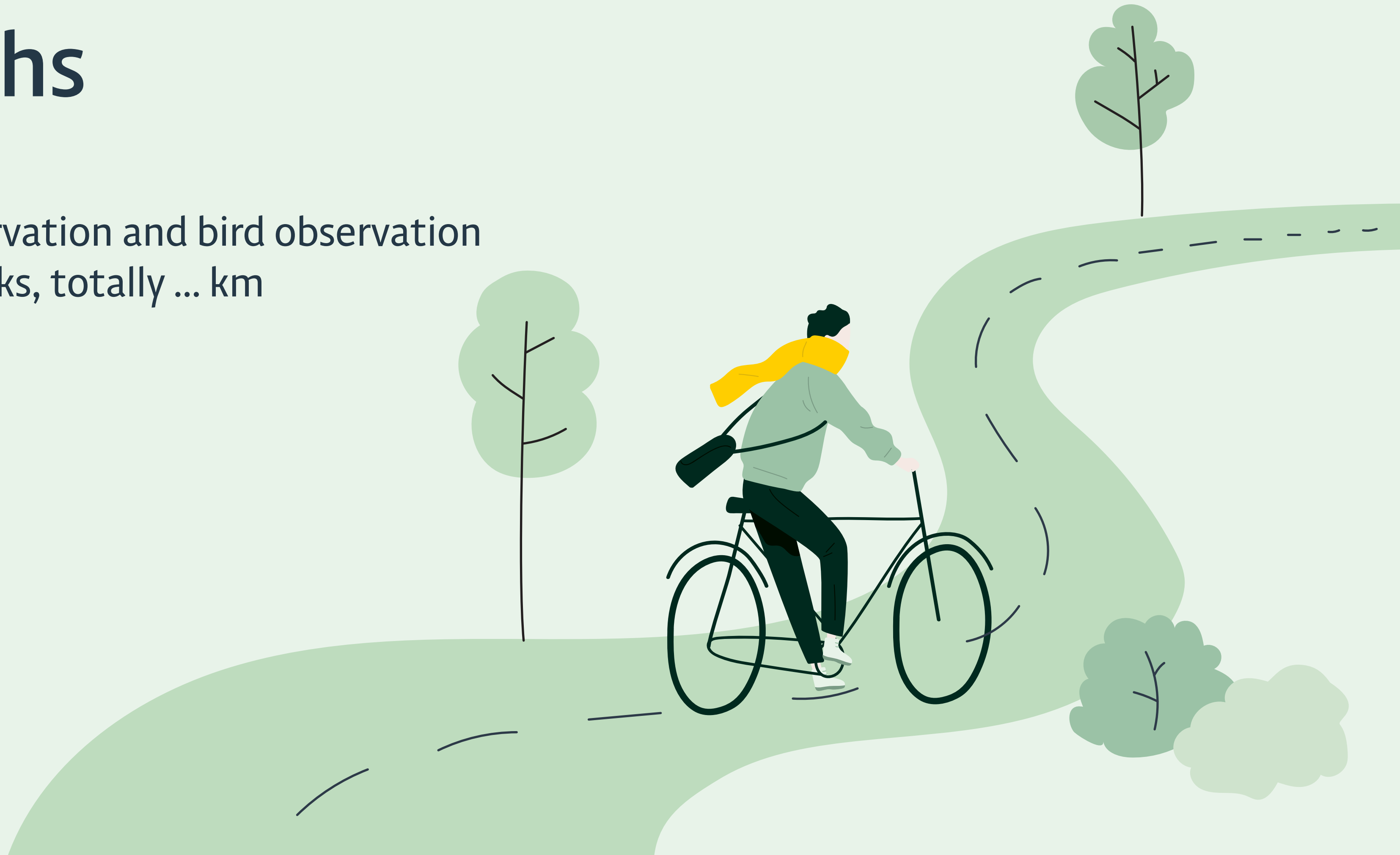
Water

-  Waste water reduction %/kg product
-  Pre-cleaning of waste water
-  Leftovers/waste utilization as biomethane
-  Wastewater reduction in the farms, CIP








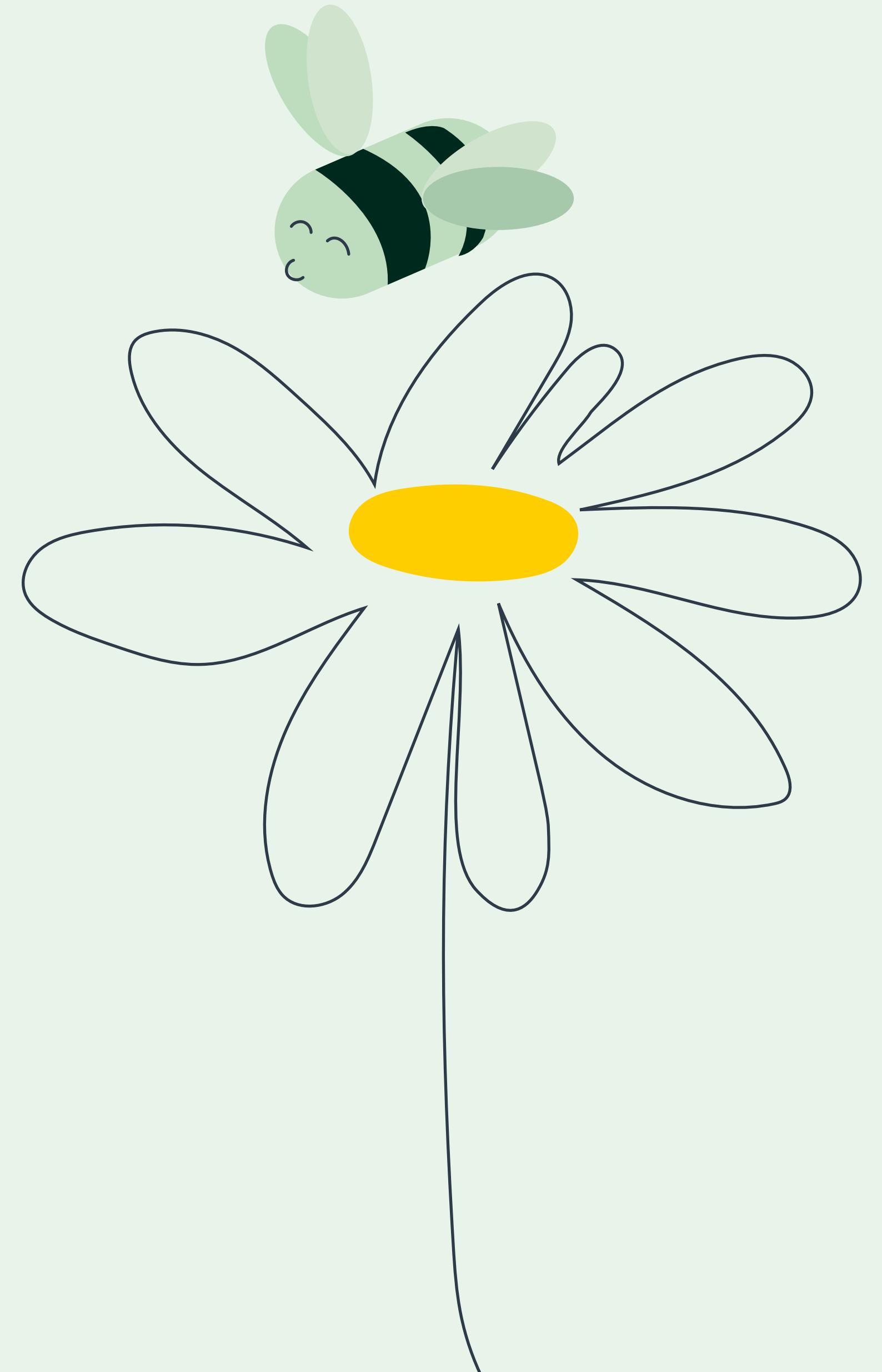
Nature Observation and Cycling paths

-  % of farms have nature observation and bird observation paths, hiking and cycling tracks, totally ... km
-  Groth per year %
-  Groth per last 10 years %



Biodiversity: protecting Nature and Wildlife

-  % of land has been left for the wildlife/hectare per farm
-  % of farm land is forest and non-agricultured land
-  Biodiversity per 1 m² farmland, number of species
-  Growth % per year grassland and forest
-  Growth per last 10 years



Innovation

- ▶ Collaboration with universities towards „greener choice “
- ▶ Epiim Group has subsidiary with University of Tartu and Estonian Life Science University
- ▶ Towards smaller environmental footprint
- ▶ Growth%
- ▶ Urbanized consumers versus farm – vegan solutions





Thank you,
yours Epiim

