



# BIO — IN THE DAIRY SECTOR. ECONOMY



The **dairy sector** does not only face challenges in terms of by-product management. Logistics is a key part of its business model, and the bioeconomy can provide solutions that facilitate more sustainable logistics.

**Valio Ltd** is a Finland wide dairy company with around 4000 dairy farmers who own the company through 14 cooperatives. It is the **biggest food company in Finland** buying approximately 80 % of Finnish milk.

## Example of a business model in the bioeconomy: Valio

**Valio** assesses the environmental impact of their activities, with the aim of being carbon neutral for 2035. They are applying several methods to reduce their emissions, from feed additives to reduce the methane emissions from cows to biogas productions from manure.



As Finnish dairy farms are located in remote areas, **Valio's** logistics plays an important role.



**Valio** already has 5 trucks using biogas, and one of them is ready to use biogas produced in the farm.

In this way, the truck can be refuelled at the same place where it loads the milk.



The biomethane produced in the farm is also used by local people with gas-propelled cars, as well as the farm itself to produce the electricity and heat they need for the farm and for the biogas plant.



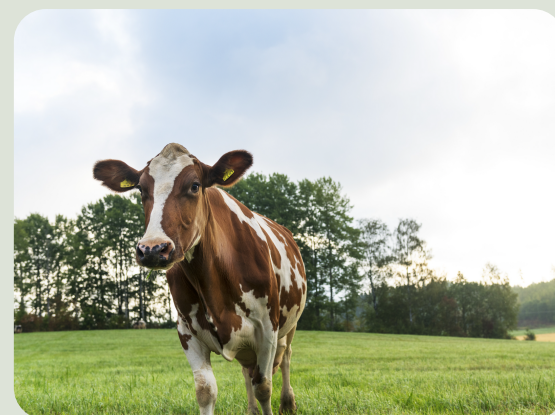
Founded in 1905

Cooperatively owned

Processes 1,8 billion litres of milk annually

Products are sold in 60 countries

All profits are paid to the farmers



@COOPID\_eu


[www.coopid.eu](http://www.coopid.eu)



COOPID EU Project



This project has received funding from the European Union's Horizon 2020 Research and Innovation Programme under GA No. 101000519

Infographic prepared by  
 innovarum

Coordinator - Cooperativas Agro-alimentarias de España:  
Susana Rivera  
[rivera@agro-alimentarias.coop](mailto:rivera@agro-alimentarias.coop)

