

# Coopid



## COOPERATION of bioeconomy clusters for bio-based knowledge transfer via Innovative Dissemination techniques in the primary production sector

Headquartered in Co. Cork, **Ireland**- Founded in **1968**  
Employing over **900** globally-Sales of **€535.7m** in **2021**  
Leading global manufacturers of nutritional **ingredients**,  
**flavours** & **cheese**

### Circular & Sustainable Dairy Process

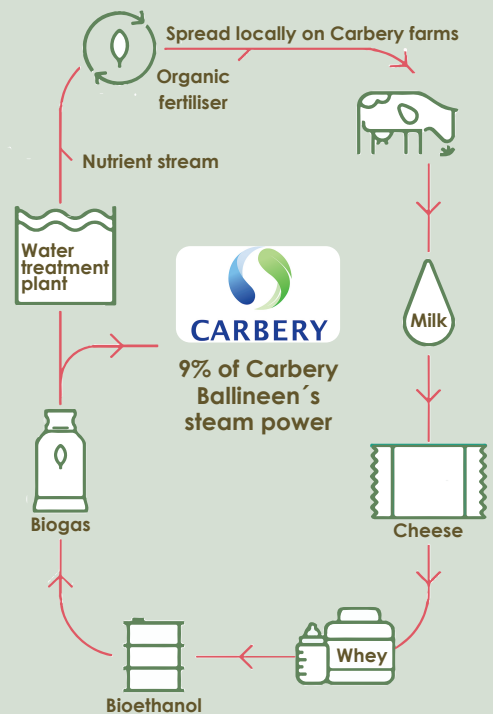
- **612m litres of milk** were processed in 2021, a 3% increase in milk volume.
- In 2017, Carbery Group installed a series of reverse osmosis systems which facilitate significant **on-site water recovery** from whey permeate, a co-product of dairy processing.
- The Carbery Group plant produces about **12 million litres of bioethanol per year**, avoiding 16,321 tonnes of CO2 emissions.

### Facilities & value chain

In 1976, **Carbery Group** became one of the world's first processors to install **ultrafiltration technology** to produce whey protein concentrates, a profitable cheese co-product, with cascading value-added production of **protein ingredients and bioethanol**.

Biogas is used on site for the **wastewater treatment plant**, with the nutrient stream used for organic fertiliser which is spread locally on the dairy farms of Carbery Group members.

## Carbery Group



### Innovative business model description

**Carbery Group** has a **co-operative business model**, owned by 4 Irish dairy co-operatives (Bandon, Barryroe, Drinagh and Lisavaird), including all the dairy farmers that supply milk to Carbery.

**Value is returned to farmers at every stage of production:** sale of milk to Carbery, financial dividends as shareholders, and the nutrient-rich fertilizer co-product to nourish their pastures.

### Relation of the showcase with primary producers

Carbery Group is owned by 4 **Irish dairy co-operatives**, comprised of over **1,200 dairy farmers**, with 99% of the farmers supplying the milk from within a 65km radius of the Carbery site at Ballineen, Co. Cork. In addition to financial returns, Carbery Group provides value to their farmer members through upskilling to enable resilience, and promotion of sustainable farming practices.



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