

Innovations

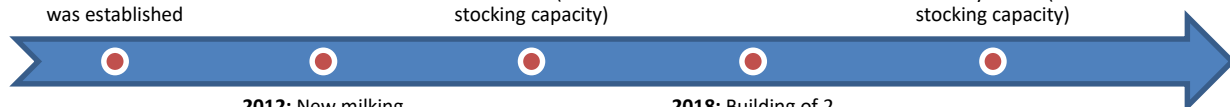
Technical & socio-economic efficiency



1992: Geo Milk Ltd was established

2015: Building of new barn (406 stocking capacity)

2020: Building of new maternity stable (220 stocking capacity)



2012: New milking barn

2018: Building of 2 new barns (306 stockig capacity)

Farming milestones

The herd

- 1200 dairy cows
Breeds: Holstein-Friesian
- 1300 heifers
- Calving period: all year
- Age at first calving: 23.9 months

Agricultural Area

3400 ha land:

- 2475 ha arable land:
 - 850 ha wheat, 130 ha barley
 - 140 ha Italian ryegrass
 - 380 ha corn, 510 ha silage corn,
 - 360 ha lucerne, 105 ha forage sorghum
- 950 ha grassland

Workforces

- 115 employees (FTE)

Areas of interest

- Intensive production
- Rye and triticale silage for dairy cows

Main buildings and equipments

- Free stall barn, laying boxes, matrasses,
- 3 barn for milking cows, 1 maternity stable, 2 rearing centre (capacity: 600 and 700),
- Parallel milking parlour,
- Technology avoid heat stress (ventilation, bedding)

Production / Technical results

- 12 000 000 liters of milk produced (100% sold)
- 3.61 % fat & 3.26 % protein content
- 11 500 l of milk /cow /lactation
- Extra milk quality





Strengths

- The genetic value of the herd
- The genomic breeding value of the whole herd is known
- Modern technology
- Quality of production



Weaknesses

- Shortage of labour
- Only leased land



Opportunities

- The production of milk for cheese-making



Threats

- Climate change - droughts
- New diseases
- Lack of own forage area

Farmer's strategy for a "resilient" system

- Only milk production with excellent management
- Improving the quality of forage
- Modernisation of the sowing structure

Aspirations / Needs for the future

- Increase production efficiency

Improvement project - objectives

- Cost reduction
- Increase profitability

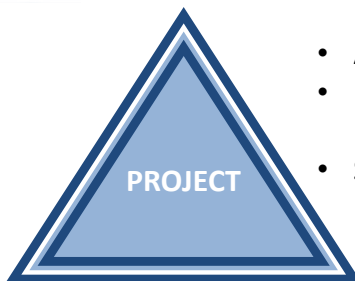


ECONOMY & LABOUR

- Increasing production efficiency



RESOURCE Efficiency



- Aquaboard, climate protection
- Use of feed supplements to reduce methane emissions
- Separation of manure

ENVIRONMENT ANIMAL WELLBEING



Partners



Project

“Resilience 4 Dairy” is a European project involving 15 European countries and 18 partners. R4D is a thematic network on innovations and aims to support EU dairy farming in these regions where dairy farming is a main economic activity.



R4D pilot farmers are involved in a National Dairy Akis group where needs, solutions and knowledge are exchanged with other farmers, advisors and scientists on their way to build a resilient system. More information <https://resilience4dairy.eu/>