



Resilience for Dairy (R4D) has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 101000770

Innovations

Socio-economic
Resilience /
Environment



2015

Ieva started working at the farm of her mother

2018

Rotating grazing

Farming milestones

2022 new Lely milking robots



2016

joined the milk buying cooperative

2019

extensive management of grasslands with cattle grazing

The herd

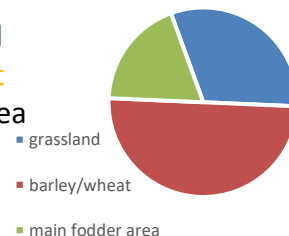
- 60 Livestock Units (LU)
- 60 Holstein
- 35 dairy heifers
- Calving period : all year round
- Age at first calving : 26 months



Agricultural Area

80 ha AA

- 25ha perm. grassland
- 40 ha / **barley/wheat**
- 15 ha main fodder area



Workforces

- 4 labour units (Full Time Equivalent)
- 60 dairy cows
- **Aims** : Save time, be efficient, generate bigger income, automatization

Areas of interest

- Automatization
- Milk quality
- Genetics
- Quality of forage due to weather

Main buildings and Equipment

- Cubicle barn for cows
- Milking: 2 robots Lely
- Feeding: 1 Lely Juno feed pusher
- Heifers : Free stall housing



Production / Technical results

- 420 000 l. sold milk
- 4.70 % fat & 3.40 % protein content
- Stocking rate: 1.1 LU / ha forage area
- 7000l of milk /cow /year



Strengths

- Good skills to project themselves, rigorous, follow their objectives
- Labour planning
- High-performance & modernized equipment



Weaknesses

- Sensitive area with duty to maintain permanent grassland
- Feed system reliant on meal.



Opportunities

- Proximity of dairy plants
- local dynamism allowing common work & collective investment



Threats

- Frequent weather hazards
- Dairy landscape is moving fast, with number of dairy cattle decreasing

Farmer's strategy for a "resilient" system

Leva want to achieve high returns with relatively modest resources and simple operations. She try to keep up with all the challenges facing industry. Strengthen grass part in in the cattle feed. A farm with attractive work conditions.

Aspirations / Needs for the future

Maintain good work conditions.
The main focus is on the cows and producing good quality milk.

Improvement project - objectives

- Reduce work load



ECONOMY & LABOUR

- Optimize dairy gross margin

- Reduce concentrate for cow



RESSOURCE Efficiency

PROJECT

- Keep a good mineral balance
- Improve forage self-sufficiency

ENVIRONMENT ANIMAL Wellbeing



Partners



"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/>