

Innovations

**Socio-economic
Resilience /
Environment**



2013

Donatas started working at the farm of his parents



2017

new housing stable for heifers and dairy cows



Farming milestones



2018

Renovated old farm for cows

2022

Start new farm building for heifers

The herd

- 190 Livestock Units (LU)
- 90 dairy cows
- 100 dairy heifers
- Calving period : all year round
- Age at first calving : 29 months



Agricultural Area

183 ha AA

- 100 ha perm. grassland
- 23 ha Maize silage
- 60ha / barley /wheat /rapeseed/beans



- grassland
- maize silage
- cereal

Workforces

- 5 labour units (Full Time Equivalent)
- **Aims** : generate income, automatization, genetics

Areas of interest

- Grass management
- Automatization
- Robot milking

Main buildings and equipment

- Cubicle barn for cows
- 2 Automatic calves Feed Stations
- Milking parlour 2x3
- Individual boxes for young calves
- Collective boxes on straw litter for heifers

Production / Technical results

- 711 000 liters of milk produced (100% sold)
- 4.4 % fat & 3,30 % protein content

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|  <h3>Strengths</h3> <ul style="list-style-type: none"> ▪ Labour planning ▪ Good technical key-results ▪ High-performance & modernized equipment |  <h3>Weaknesses</h3> <ul style="list-style-type: none"> ▪ Limited possibilities for additional ha. ▪ Weight of employed workforce |  <h3>Opportunities</h3> <ul style="list-style-type: none"> ▪ Interest in genetics ▪ local dynamism allowing common work & collective investment |  <h3>Threats</h3> <ul style="list-style-type: none"> ▪ Pressure on landprice, resident. ▪ Dairy landscape is moving fast, with number of dairy cattle decreasing |
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Farmer's strategy for a "resilient" system

Raising a healthy, productive cow herd starts with a healthy calf, genetics and the right growing conditions.

Aspirations / Needs for the future

To build a new calving parlour and install two milking robots in the cowshed.

Improvement project - objectives

- Reduce workload



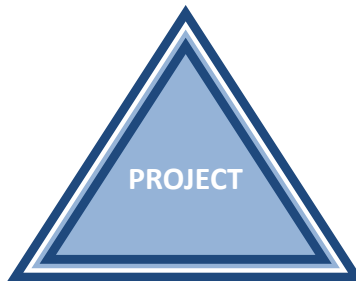
ECONOMY & LABOUR

- Economical efficiency to get an income

- Mix productivity and efficiency



RESSOURCE Efficiency



PROJECT

- Diversify income coming from the dairy

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/>