

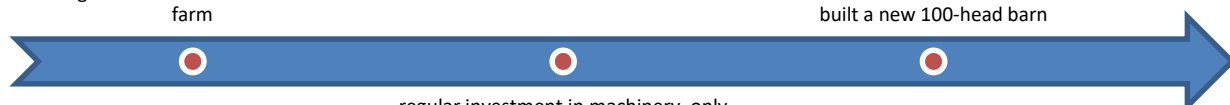
Innovations

Technical efficiency & animal wellbeing



2004
next generation take over the mixed farm

2019
built a new 100-head barn



regular investment in machinery, only dairy production

Farming milestones

The herd

- 200 cattle heads
- 100 dairy cows
- Breeds : HF + 4 cows Simmental
- 100 dairy heifers
- Calving period: all year round (higher intensity in IX-XII)
- Age at first calving: 24 months



Agricultural Area

- 90 ha
- 35 ha perm. grassland
- 33 ha maize silage
- 22 ha cereals
- **90 ha forage area**



Workforces

- 4 family labour units (FTE)
- 225 hours for seasonal workers

Areas of interest

- Investments in machinery and buildings
- Biogas plant / photovoltaic panels
- Animal welfare

Main buildings and equipments

- Freestall housing
- Paddock for cattle
- Fishbone milking system 2x7



Production / Technical results

- 720 000 liters of milk produced (99% sold)
- 4,1 % fat & 3,32 % protein content
- 8000 l of milk /cow /year
- **Quality of milk (fat & protein)**
- **High herd health (< 80 000 somatic cells)**





Strengths

- Financial independence – self-financing of investments
- Young successor on the farm



Weaknesses

- High labour input
- Lack of heifer barn
- Lack of silos for silage



Opportunities

- Sale of heifers



Threats

- Climate change and carbon regulation
- Restrictions linked to crop production

Farmer's strategy for a "resilient" system

- Liability-free farm
- Financial buffer in the event of a market crisis
- Investments in machinery and buildings

Aspirations / Needs for the future

- Building heifer barn
- Biogas plant
- Returns diversification – heifers sale
- Reducing labour input

Improvement project - objectives

- Reduce of family labour input



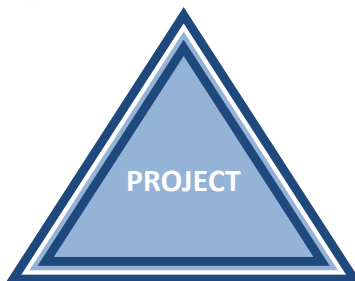
ECONOMY & LABOUR

- Loan elimination
- Savings

- Machinery and buildings modernisation



RESOURCE Efficiency



- Dairy cow welfare

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/>