



Innovations

Technical & socio-economic efficiency



mixed farm with pig production and slaughterhouse

2011
next generation take over the farm

2020
direct sales of own cheese and beef



2004
expansion dairy production with 20 cows

2017
direct sale of milk

Farming milestones

The herd

- 90 cattle heads
- 33 dairy cows
- Breeds : HF
- 20 dairy heifers
- Calving period: all year round (unintentional 33% in December)
- Age at first calving: 24 months



Agricultural Area

- 70 ha
- 20 ha perm. grassland
- 5 ha temp. grassland
- 13 ha maize silage
- 26 ha wheat
- 5 ha triticale
- **44 ha forage area**



Workforces

- 4 family labour units (FTE)
- 1 employee (FTE)

Areas of interest

- Improving labor efficiency
- Biogas plant / photovoltaic panels
- Milk hygiene
- Economic use of cows

Main buildings and equipments

- Freestall housing with deep bedding
- Outdoor corral for cattle
- Milking robot
- TMR feeding system
- Boxes for calves
- Heifers in outdoor corral



Production / Technical results

- 250 000 liters of milk produced (99% sold)
- 4,1 % fat & 3,7 % protein content
- 170 000 liters for direct sale
- 7500 l of milk /cow /year
- **Traditional breeding**
- **Quality of milk**
- **Economics**





Strengths

- Direct sales
- Self-sufficiency in farm management
- Precision farming
- Family support
- Willingness to learn



Weaknesses

- Work organization
- Lack of financial stability (permanent investment, loans)



Opportunities

- Direct sale of milk and beef
- Customer demand for local products
- Cooperation in direct sales among producers



Threats

- Climate change - droughts
- Restrictions on CO2 emissions
- Frequent changes in legislation

Farmer's strategy for a "resilient" system

Diversified activities and create multiple sources of income:

- Dairy production
- Beef production
- Milk, cottage cheese and beef direct sales

Aspirations / Needs for the future

- Improving resource efficiency
- Biogas plant
- A2 milk production

Improvement project - objectives

- Better management of family labor resources (less input)



ECONOMY & LABOUR

- High profit diversification from dairy production (milk and dairy products, beef)

- Machinery modernisation



RESOURCE Efficiency

PROJECT

- Increasing cow longevity
- Traditional dairy farming

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/>