



Innovations

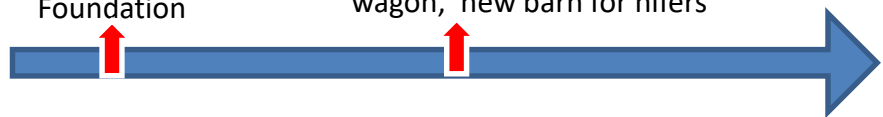
Technical efficiency



Farming milestones

2017
Foundation

2019
Free walking housing, TMR mixer wagon, new barn for hifers



The herd

- 200 Livestock Units (LU)
- 100 dairy cows
- Breeds: Holstein
- 70 dairy heifers
- Calving period: all year round
- Age at first calving: 24 months



Agricultural Area

90 ha AA

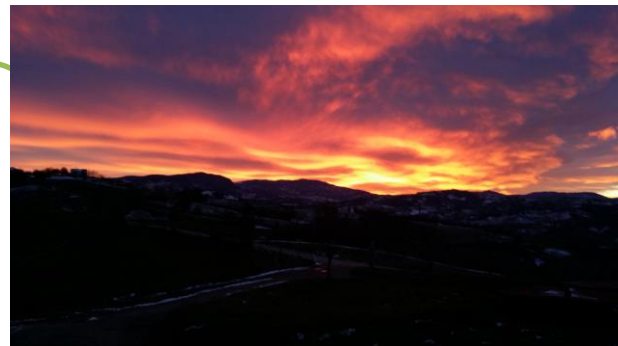
- Alpha alpha
- Wheat
- Grassland
- Pasture

Workforces

- 3 labour units

Main buildings and equipments

- Free walk housing
- Straw cubicles
- 3+3 tandem
- Unifeed (TMR): mixer wagon
- Individual + collective boxes for young calves
- Collective boxes on straw litter for heifers



Areas of interest

- Genetics and technical efficiency

Production / Technical results

- 1000000 liters of milk produced
- 3,90 % fat & 3,40 % protein content
- 35 liters /cow/day
- Products: Parmigiano Reggiano



Strengths

- Genetic
- Welfare

Weaknesses

- Area subject to drought and landslides

Opportunities

- PDO product

Threats

Hydrogeological problems

- **Farmer’s strategy for a “resilient” system**
 - Technical efficiency: genomic, cooling system
 - Social/environmental sustainability: genetic selection for health
 - Economic resilience: selection for congenital diseases and mastitis
- **Aspirations / Needs for the future:**
 - Management skills



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/>