

Innovations

Environment /
Resource efficiency



Farming milestones

2016
Start change to organic farming

2017
Move of farm to new location

2017
Building of new barn

2019
Herb rich grassland

2019
Oxes on farm

Old farm has become natural land and 40 ha of additional natural land on new farm

Low emission freewalk artificial floor

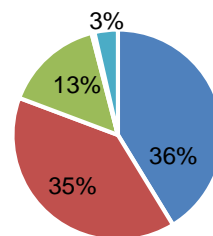
The herd

- 110 dairy cows (30 oxes, 90 young stock)
- Breed : HF
- Calving period : all year round, steering at seasonal calving
- Age at first calving : 27 months

Agricultural Area

Total 111 total ha AA

- 46 ha grassland
- 44 ha natural grassland
- 17 ha temporary grassland
- 0.5 ha herb rich grass
- 4 ha corn



Workforces

- 1,1 labour units (Full Time Equivalent)
- 110 dairy cows & 454545 l / 1,1 FTE
- Aim is to get more support in labour

Areas of interest

- Circularity
- Energy transition
- Soil, fertilization
- Own production, cheese making, meat
- Tourism

Main buildings and equipments

- 1 main free walk stall with manure separation floor
- Separate storage for slurry manure and urine
- 2x Milking robots



Production / Technical results

- 500000 liters of milk produced, with 5,1 average present age
- Stocking rate: 1 LU / ha forage area, 2-3kg concentrate / cow day
- 5000 l of milk /cow /year & 4500 l /ha forage area



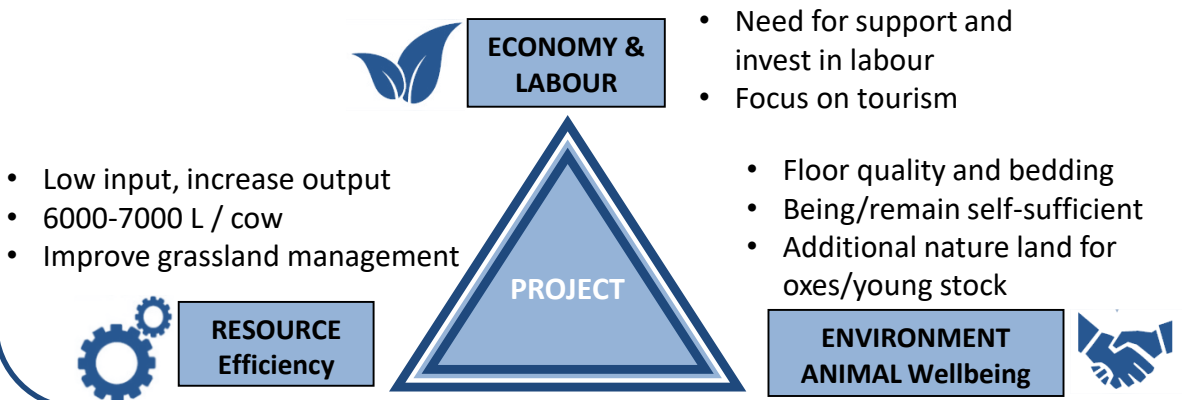
Farmer’s strategy for a “resilient” system

- 1) Focus on public awareness and exposure (cheesery) and additional income from tourism.
- 2) Soil and grassland management – as much from own land, increased quality, fertilization, organic and circular agriculture
- 3) Increase production (in robot + cow toilet) and connection with the public using innovations

Aspirations / Needs for the future

Cheesery knowledge/investment, Cow Toilet, improve freewalk artificial floor

Improvement project - objectives



“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/>