



Resilience for Dairy (R4D) has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 101000770

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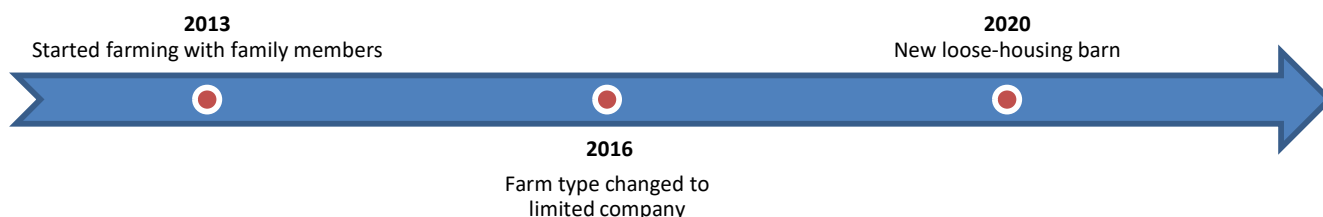


## Innovations

Socio-economic  
Resilience /  
Environment



## Farming milestones



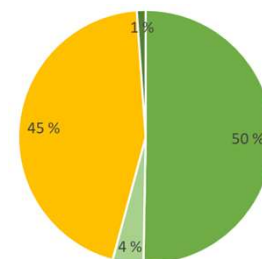
### The herd

- 184 Livestock Units (LU)
- 125 dairy cows  
Breed : Holstein 70 %, Nordic Red 30%
- 50 dairy heifers + calves 75
- Calving period : all year round
- Age at first calving : 24.1 months

### Agricultural Area

**177 ha AA**

- 90 ha grass silage
- 7 ha Clover-grass
- 2 ha pasture
- 80 ha cereals



### Workforces

- 3 labour units (Full Time Equivalent)
- 41.7 dairy cows & 500 000 l / FTE



### Areas of interest

- Transparency of production towards consumers
- Carbon farming
- Quality of grass silage
- Animal welfare

### Main buildings and equipments

- Loose housing barn with curtain walls
- Resting cubicles 3x2, cow mattresses with peat bedding
- 2 milking robots
- Heifers and calves in separate building



### Production / Technical results

- 1 500 000 l of milk produced (98 % sold)
- 4.29 % fat & 3.53 % protein content
- Stocking rate: 1.9 LU / ha forage area
- 12 500 l of milk /cow /year & 15 152 l / ha forage area
- Breeding cows of high genetic merit for energy corrected milk

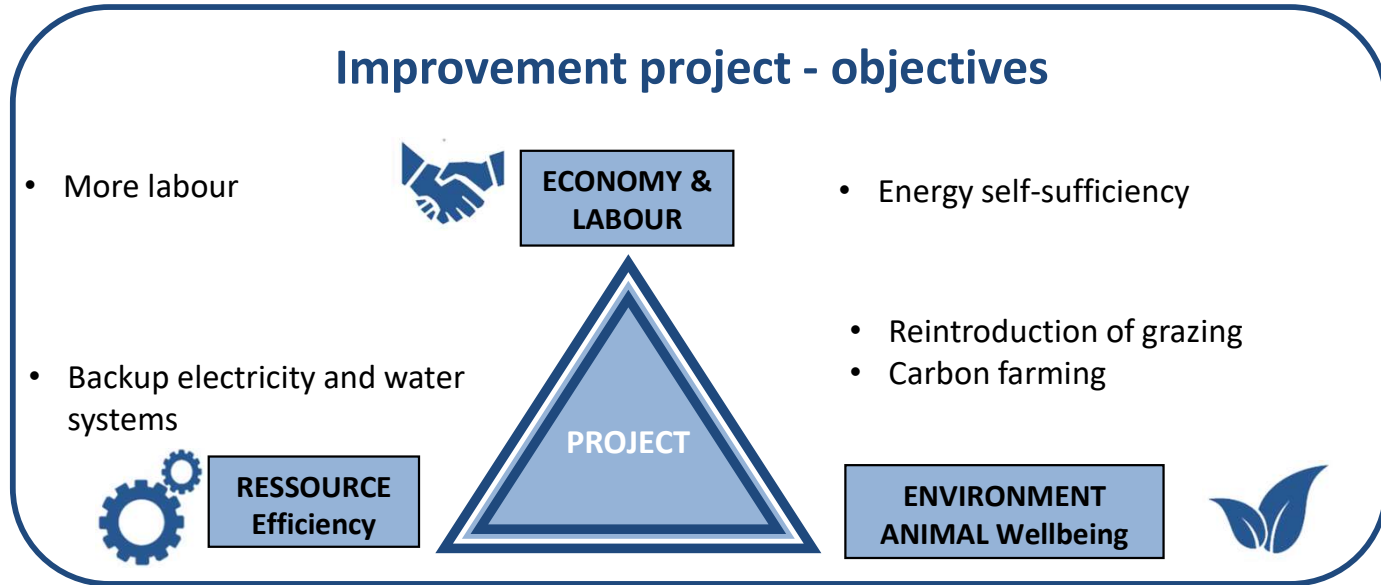


### Farmer's strategy for a "resilient" system

Animal monitoring and utilisation of the data from AMS  
 Simple feeding with TMR system + supplement from AMS  
 Good quality grass silage based systems  
 Solar panels, own bore wells, backup electricity system with tractor powered aggregate

### Aspirations / Needs for the future

Feed and energy self sufficiency  
 Need for extra labour in the future



“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/>