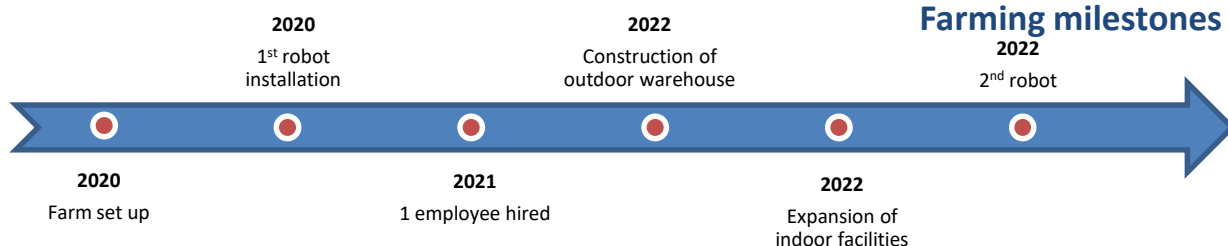




Innovations

Socio-economic Resilience / Environment



The herd

- 120 Livestock Units (LU)
- 60 dairy Holstein cows
- 30 dairy heifers
- 30 calves → separated rearing centre
- Age at first calving: 23 months
- No replacement → farm expansion
- 1st A.I. sexed; repeaters with Angus

Agricultural Area

- 11 ha
- Forecast → 25 ha
- 50%-50% corn and ryegrass (unifed)

Areas of interest

- Sustainability
- Animal welfare
- Milk quality

Workforce

- Labour agreement → 8 h workday
- 2 farmers → fulltime
- 1 man full time labour
- 1 woman part time labour

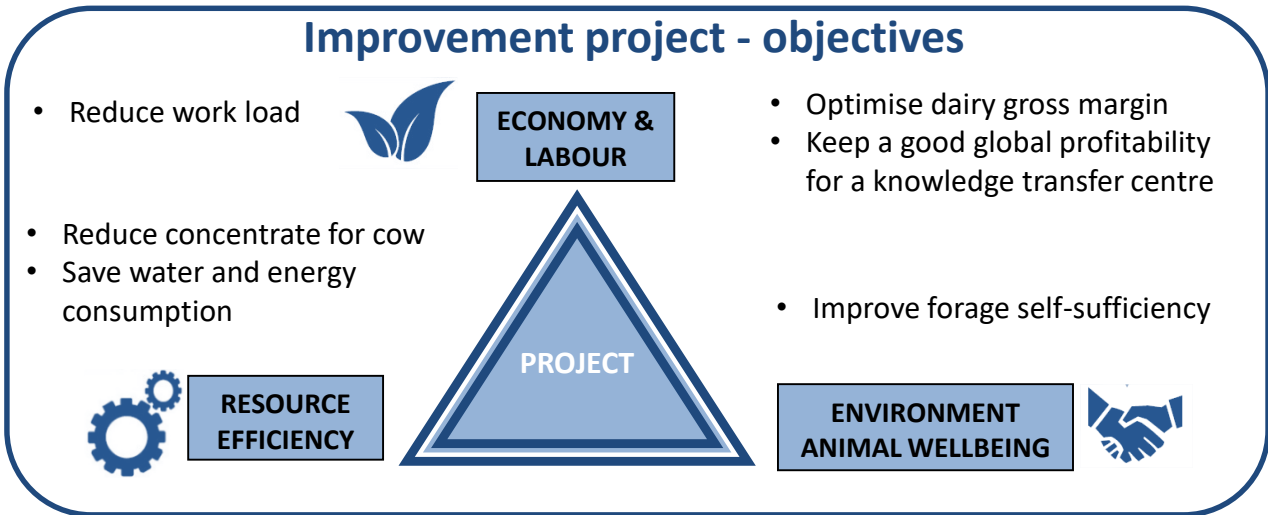
Main buildings and Equipment

- | | |
|-------------------|------------------------|
| • 1 main pavilion | • 2 robots (DeLaval) |
| • 55+68 cubicles | • Offices |
| • Sand beds | • 1 pit of 1 million L |
| • 1 storeroom | • Ventilators |
| • Slurry scrapers | • Humidifiers |



Production / Technical results

- | | |
|---------------------------------|---|
| • 2.000 L/day produced | • 14 kg (8 + 6 in robot) of concentrate/cow/day |
| • 4% butterfat and 3.6% protein | • Total → 26 kg DM/cow/day |
| | • Total feed cost → 8.7€/cow/day |



Partners



Collaborators



“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/>