



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

Innovations

Socio-economic
Resilience /
Environment /
Animal welfare



2010
Taking over the farm
from parents

2014

2022

Farming milestones



2012
New barn for 125
animals

2020
New barn for
dry-off cows

2024
Robotic feeding -
VECTOR

The herd

- 140 Livestock Units (LU)
- 66 dairy cows
- Breeds: Holstein & Brown
- 31 dairy heifers
- Calving period: all year round
- Age at first calving: 24 months



Agricultural Area

- 40 ha AA**
- 24 ha Perm. Grassland
 - 11 ha Maize - silage
 - 5 ha Pasture
 - 16 ha Forest

Workforces

- 2 labour units (Full Time Equivalent)
- 33 dairy cows & 424 911 kg /FTE
- **Aims**: Save time, be efficient,
- Aware of society and consumers

Areas of interest

- Feed management
- Genetics
- High production

Main buildings and equipment

- Free barn with cubicles and slatted floor for dairy cows
- Lely Milking Robot
- Individual boxes for young calves
- Collective boxes on deep straw for heifers and dry-off cows



Production / Technical results

- 849 822 kg of milk produced (98 % sold via cooperative)
- 3.99 % fat & 3.34 % protein content –
- Stocking rate: 3.5 LU / ha forage area
- 13 899 kg of milk /cow /year & 21.246 kg /ha forage area
- 2.350 kg concentrate/cow/year
- Replacement rate: 34 %
- Breeding criteria
- High-production

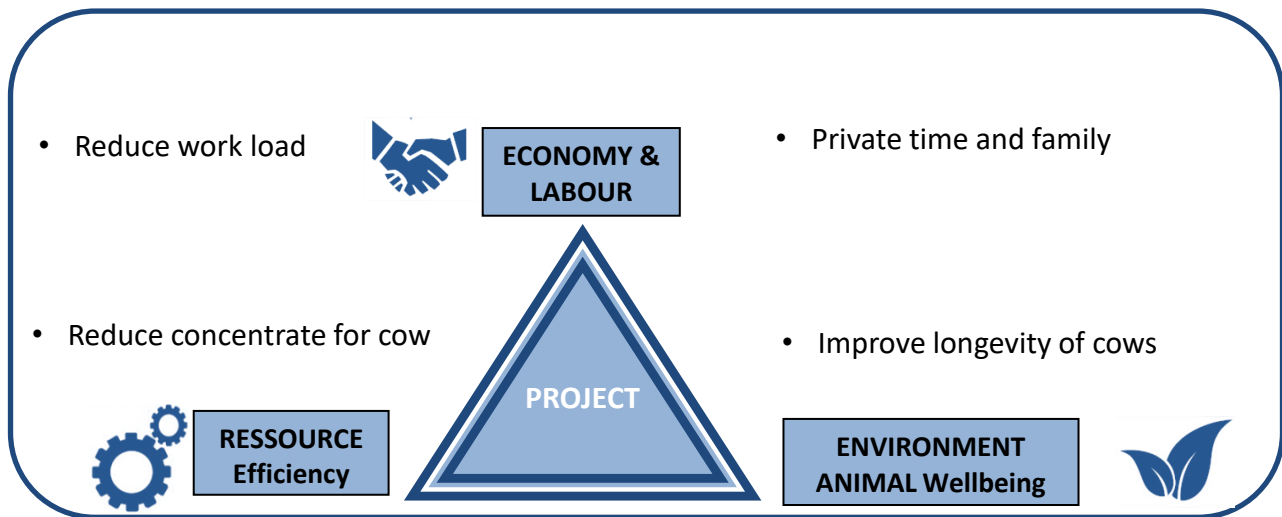


Strategy of the farmers to be resilient

High production of milk with lower costs. Selling of breeding animals for good price.

Area of interest / Aspirations / Needs for the future

Use of anolyte – anionic water. Treatment of somatic cells with garlic boluses.
Reduce working hours – more free time.



Partner



University of Ljubljana

“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/>