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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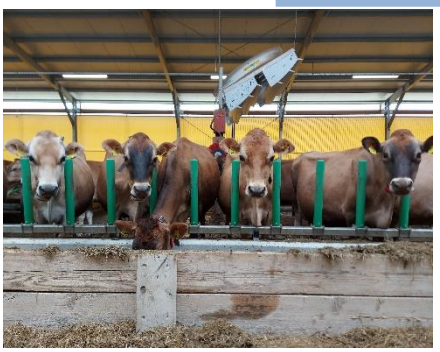
Pilot Farm description
Szuhafő – 2021
(R4D-HUN-03)

Hungary

Innovations

Technical efficiency



Farming milestones

2010 Purchase of the farm

2016 Purchase of import Jersey

2018 Building new barn and technology

2021 Construction of a milk processing plant

The herd

- 55 dairy cows
  Breeds: Jersey
- Others animals: beef cattle

- 100 heifers
- Calving period: all year
- Age at first calving: 23.8 months

Agricultural Area

700 ha land

- 200 ha arable land
  - 50 ha wheat/corn
  - 150 ha roughage
- 500 ha grassland

Workforces

- 4 employees (FTE)
- 1 owner (FTE)

Areas of interest

- Excellent breeding
- Milk processing
- Modern technology

Main buildings and equipments

- Milking robot,
- Automated feeding,
- Free stall barn,
- Laying boxes,
- Slatted floor with low emission,
- Robot to clean the barn,
- Ventillation,
- Low stress by technology

Production / Technical results

- 450 000 liters of milk produced
- 50 000 liters for own processing (yoghurt, cheese)
- 5.4 % fat & 4.3 % protein content
- 5600 l of milk /cow /lactation

Strengths

- The genetic value of the herd
- Modern technology
- Automation
- Milk processing

Weaknesses

- Geographical location
- Few young workers
- Limited market opportunities

Opportunities

- A2 milk production
- Increase production

Threats

- Animal health risk
- Increase interest on the loan
- Rising input prices

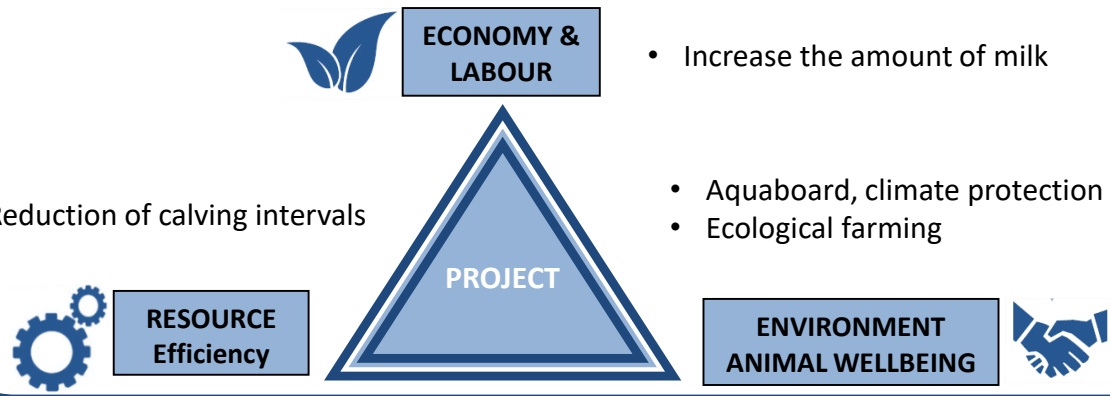
Farmer's strategy for a "resilient" system

Not common breed, modern technology, milk processing
Rationalisation of water use
Solar panels

Aspirations / Needs for the future

Increase production efficiency

Improvement project - objectives



Partners

UNIVERSITY of DEBRECEN

Project

"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/