



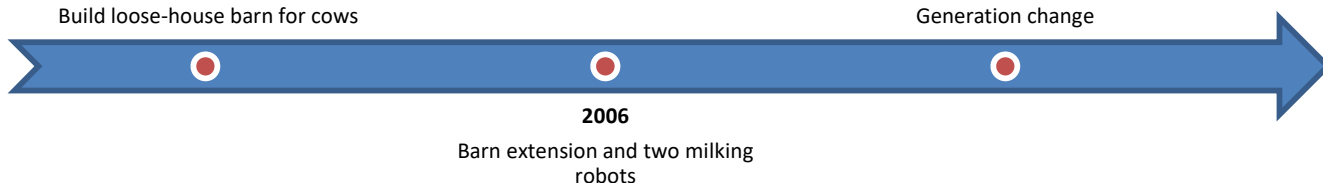
Innovations

Technical efficiency



2000
Build loose-house barn for cows

Farming milestones
2015
Generation change

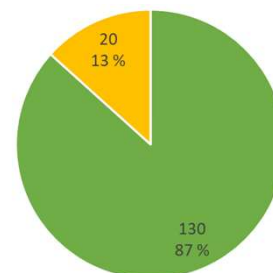


The herd

- 135 Livestock Units (LU)
- 95 dairy cows
- Breeds : Holstein (60%), Nordic Red (30%), Finncattle (9%), Jersey (1%)
- 48 dairy heifers
- Calving period : all year round
- Age at first calving : 26 months

Agricultural Area

- 150 ha AA
- 130 ha grassland
 - 20 ha cereal grains



Workforces

- 1 full time, summer intern 3 months and one employee in the barn
- Aims : Labour efficiency

Areas of interest

- Labour organization solutions
- Feeding: total mixed ration

Main buildings and equipments

- Half warm loose housing dairy barn
- 2 milking robots
- Slatted floors

Production / Technical results

- 826 400 liters of milk produced
- 5.00 % fat & 3.97 % protein content
- Stocking rate: 0,9 LU / ha forage area
- 8 700 l of milk /cow /year & 5 509 l / ha forage area
- The breeding criteria: easy calvings and genetically polled animals
- All animals grazing for 5 months



Strengths

- Relatively little work in the barn.
- Grazing all animals
- Use of a mixture of 8 grass species



Weaknesses

- Production level has not worked as desired
- Would need some employee to 1/3 part-time.
- Motivational problems



Opportunities

- Change of production direction, plant cultivation
- Good location
- Development of responsible production



Threats

- Weather risks

Farmer's strategy for a "resilient" system

- The aim is to keep legumes in cultivation -> nitrogen fixation, savings in fertilization costs

Aspirations / Needs for the future

- Modern data management of milking robot

Improvement project - objectives

- Increasing the amount of employees
- Biogas plant



ECONOMY & LABOUR

PROJECT

- Ethics of production
- Reduction of environmental load



RESSOURCE Efficiency

ENVIRONMENT ANIMAL Wellbeing



Partners



"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/>