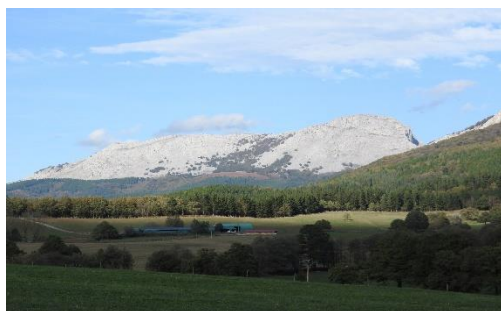
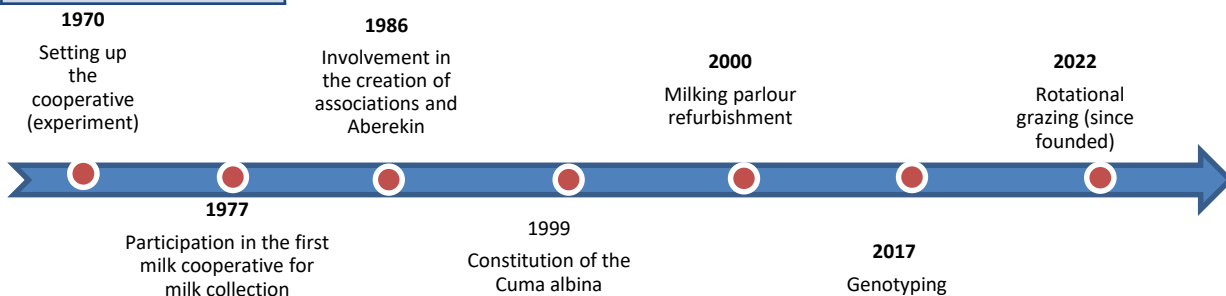


Innovations

**Socio-economic
Resilience /
Environment/
Technical
Efficiency**



Farming milestones



The herd

- 1043 Livestock Units (LU)
- 550 dairy cows
- Breeds : Frisian (100%)
- 279 dairy heifers
- Calving period : all year round
- Age at first calving : 25 months



Agricultural Area

327 ha AA

- 78 ha perm. grassland
- 190 ha temp. grassland
- 59 ha Maize silage



Workforces

- 17 labour units (Full Time Equivalent)
- Good working conditions (free time)
- Large amount of AA
- Genotyping (A2A2)

Areas of interest

- Improve milk digestibility
- improve slurry decomposition
- Improve forage quality
- Increase free time

Main buildings and equipments

- 3 facilities for different production cows and heifers
- Boxes for calves
- 3 Milking parlours
- Cuma participation (machinery and raft)

Production / Technical results

- 5.648.900 liters of milk produced
- 3,99 % fat & 3,25 % protein content
- 10.740 l of milk /cow /year
- Concentrate: 4200 kg/cow



Farmer’s strategy for a “resilient” system

Genotyping of cows, selecting for the traits of interest.

Regenerative grazing

Use of bacteria for faster slurry decomposition

Participation in the Cuma: lung raft (improved waste management)

Aspirations / Needs for the future

Implementation of solar panels

Modernise the facilities

Investment in forage machinery

Improvement project - objectives

- Reduce work load
- Free time



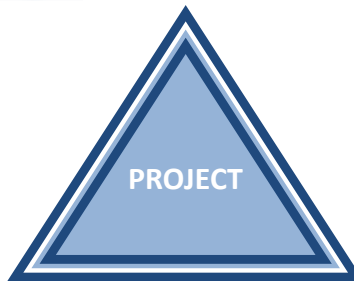
ECONOMY & LABOUR

- Keep a good global profitability for a knowledge transfer centre

- Reduce fossil fuels
- Save water consumption



RESSOURCE Efficiency



- Biodiversity conservation and land improvement
- Improve forage self-sufficiency

ENVIRONMENT ANIMAL Wellbeing



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/>