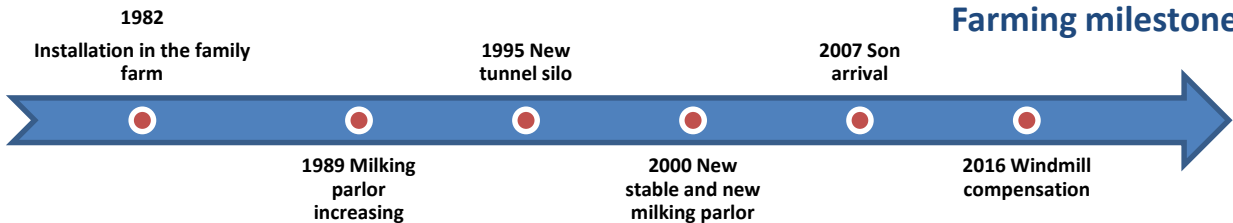


Innovations

Socio-economic Resilience / Environment / technical efficiency



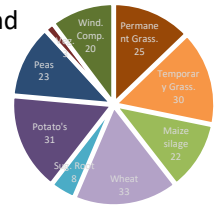
The herd

- 360 Livestock Units (LU)
- 200 Prim'Holstein (100 %)
- 260 dairy heifers
- Calving period : all year round
- Age at first calving : 26 months
- Calving interval : 400 days

Agricultural Area

197 ha AA

- 25 ha permanent grassland
- 30 ha temporary grassland
- 22 ha maize
- 8 ha sugar root
- 33 ha wheat
- 31 ha potatoes
- 23 ha peas
- 20 ha windmill compensation
- 3 ha vegetable and flowers



Workforces

- labor units : 5 LU (3 family LU– 2 employs)
- **Aims** : Transmission of the farm, biodiversity, transmission of knowledge

Areas of interest

- Calves management
- Farm transmission
- Biodiversity : Windmill compensation

Main buildings and Equipment

Dairy cows

- Cheap building : sleeping area on slurry
- Milking parlor : 2*8 herringbone MP
- Automatic Feed Station : 2 station

Heifers and calves

- Individual boxes for young calves
- Young heifers together

Production / Technical results

- 2186000 liters of milk produced
- 4,4% fat & 3,5 % protein content
- 8400 l of milk /cow /year & l /ha forage area
- Stocking rate: 4,2 LU / ha forage area
- 1893 kg of concentrate/cow/year



Strength

- Calves management
- Son transmission
- Tasks repartition
- Forage autonomy



Weakness

- Lack of workforce



Opportunity

- Windmill compensation
- School knowledge transmission
- External certification



Threat

- Legislation (loss of decision-making autonomy)
 - advising independence

Strategy of the farmers / Resilience

Calves management is an important part of the farm. Indeed, a good control of the growth of the calves and the young animals conditions the productive life of the cows. The presence of the son on the farm, with a view to his takeover, provides additional manpower in addition to a long-term vision. Biodiversity is also very present on the farm through the implementation of bushes and a wind compensation area (20ha).

Areas of interest / Aspirations / Needs for the future

A serene transmission of the farm remains a point of attention of the farm. Biodiversity, how to preserve it and how to improve it?

Improvement project - objectives

- Workforce management



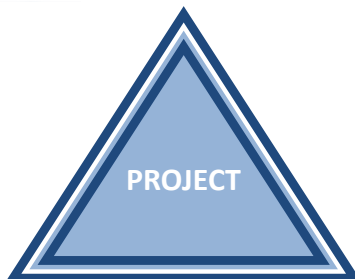
ECONOMY & LABOUR

- Farm transmission
- Tasks repartition

- Waste management
- Energy production



RESSOURCE Efficiency



- Calve management
- Windmill compensation

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 : www.resilience4dairy.eu