

Innovations

Technical efficiency

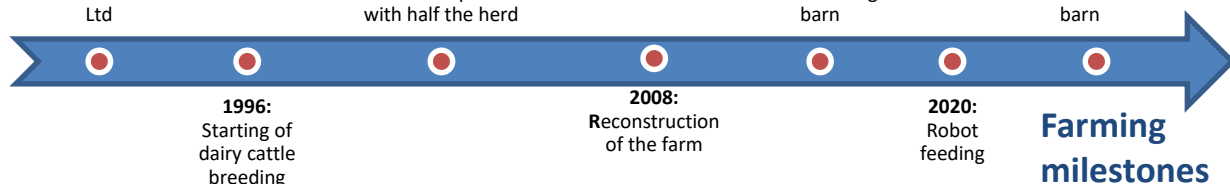


1993: The establishment of Berek Farm Ltd

2006: Splitting of the company, Berek Farm Ltd continues milk production with half the herd

2019: Building of 3 new barns and 1 milking barn

2022: Building of new barn



The herd

- 860 dairy cows
Breeds: Holstein-Friesian
- 860 dairy heifers
- Calving period: all year
- Age at first calving: 23 months

Agricultural Area

750 ha land for feed production:

- 200 ha for corn silage,
- 150 ha corn,
- 150 ha grass,
- 250 ha lucerne

Workforces

- 26 employees (FTE)

Areas of interest

- Intensive production,
- Precision technology in dairy and crop production

Main buildings and equipments

- 4 Free stall barn (capacity: 900),
- Laying boxes (aquaboard),
- Feeding and bedding robot,
- Herringbone milking parlour (2x15)
- Tools avoid heat stress,
- Ventillation

Production / Technical results

- 12 000 000 liters of milk produced (100% sold)
- 4,0 % fat & 3,5 % protein content
- 12 500 l of milk /cow /lactation
- Extra quality milk





Strengths

- The genetic value of the herd
- Automation, precision farming
- Quality of forage production
- Excellent milk yield



Weaknesses

- Lack of heifer barns
- Few and fragmented forage area



Opportunities

- A2 milk production



Threats

- Climate change - droughts

Farmer's strategy for a "resilient" system

Precision technology in dairy and crop production

Increase the forage area

Reasonable crop rotation, second crops

Reducing the amount of forage purchased, increasing own production

Solar panels

Aspirations / Needs for the future

Increasing production efficiency

Improvement project - objectives

- Increasing production efficiency

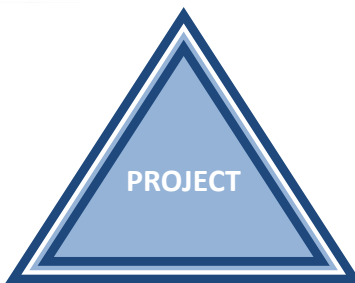


ECONOMY & LABOUR

- Machinery modernisation
- Automation



RESOURCE Efficiency



- Aquaboard, climate protection
- conservation tillage
- Reducing emissions of pollutants
- Organic manure instead of fertilizer

ENVIRONMENT ANIMAL WELLBEING



Partners



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/>