

## Innovations

**Machinery investment & production increase**



**2006**  
the farm in the possession of the current owner

**2009**  
100% of livestock production = milk production



**2006**  
new barn for 100 cows was completed, and it housed 26 cows

## Farming milestones

### The herd

- 186 cattle heads
- 95 dairy cows
- Breeds : HF
- 90 dairy heifers
- Calving period: all year round (ca. 10 calves per month)
- Age at first calving: 24 months



### Agricultural Area

- 216 ha**
- 60 ha perm. grassland
  - 12 ha temp. grassland
  - 40 ha maize silage
  - 47 ha cereals
  - 35 ha sugar beets



### Workforces

- 3 family labour unit (FTE)
- 1.5 employees (FTE)

### Areas of interest

- Improving production/farm organization
- Implementing a milking robot to reduce labor input

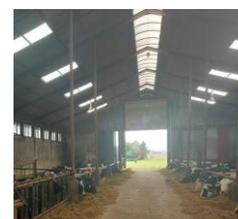
### Main buildings and equipments

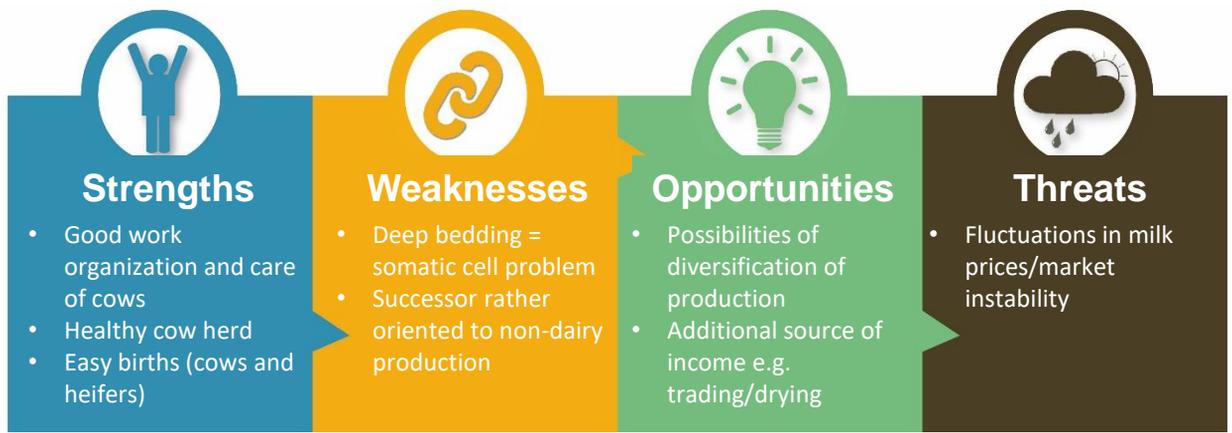
- Freestall housing / deep bedding
- Automatic feed machine
- Fishbone milking system 2x5 air-conditioned
- Calves in boxes



### Production / Technical results

- 1 000 000 liters of milk produced (99% sold)
- 4,0 % fat & 3,5 % protein content
- 10 000 l of milk /cow /year





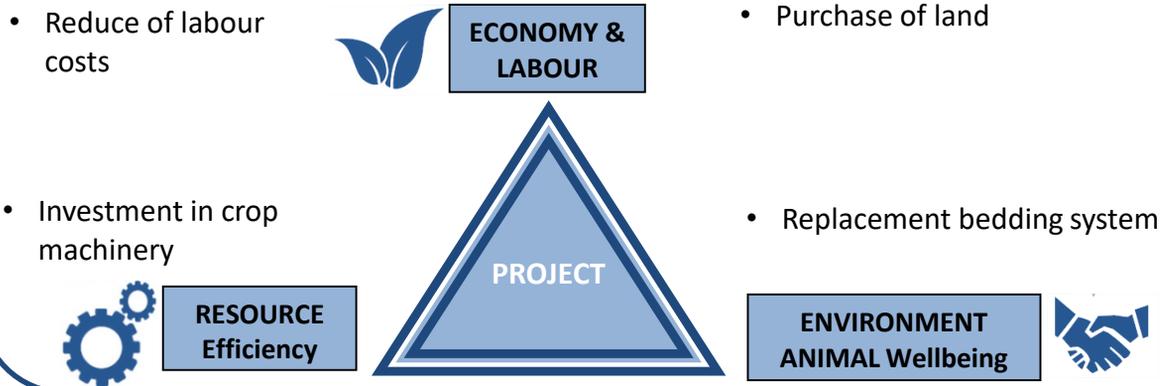
### Farmer’s strategy for a “resilient” system

- Good management of labor resources (mechanization of production)
- Farm independent of the use of external resources

### Aspirations / Needs for the future

- Improving the organisation of production
- Ownership of a larger area of land
- Improving mechanisation of crop production

### Improvement project - objectives



#### 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/>