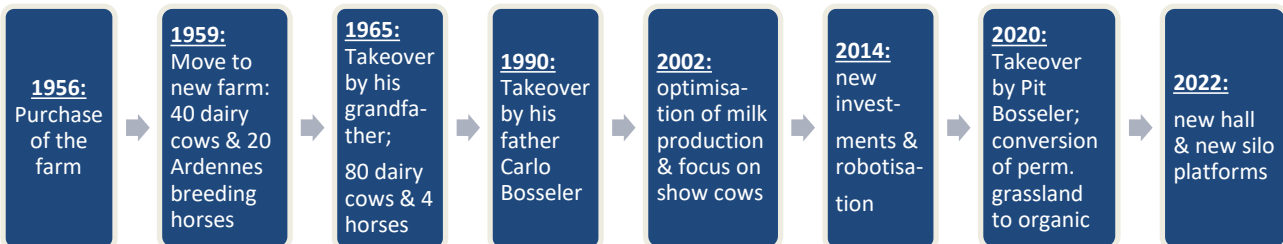




## Innovations



Farming milestones



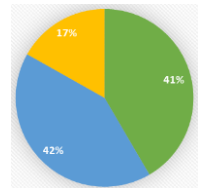
### The herd

- 200 Livestock Units (LU)
- 65 dairy cows
- Breeds : Holstein Friesian
- 120 dairy heifers & 30 bulls
- Calving period : all year
- Age at first calving : 25 months

### Agricultural Area

#### 120 ha AA

- 50 ha perm. Grassland (organic)
- 50 ha temp. grassland
- 20 ha Maize silage
- 120 ha main fodder area
- **83 % of grassland / forage area**



### Workforces

- 1,5 labour units (Full Time Equivalent)
- 43 dairy cows/FTE & 533.333 l /FTE
- **Aims** : - economic optimum

### Areas of interest

- Power supply

### Main buildings and Equipment

- Free stall barn for dairy cows
- Milking robot, feeding robot, cleaning robot
- Calf and young heifer barn with collective boxes on straw

### Production / Technical results

- 800.000 liters of milk produced (96 % sold)
- 3,95 % fat & 3,40 % protein content
- Stocking rate: 1,6 LU / ha forage area
- 11815 l of milk /cow /year & 9846 l/ha forage area



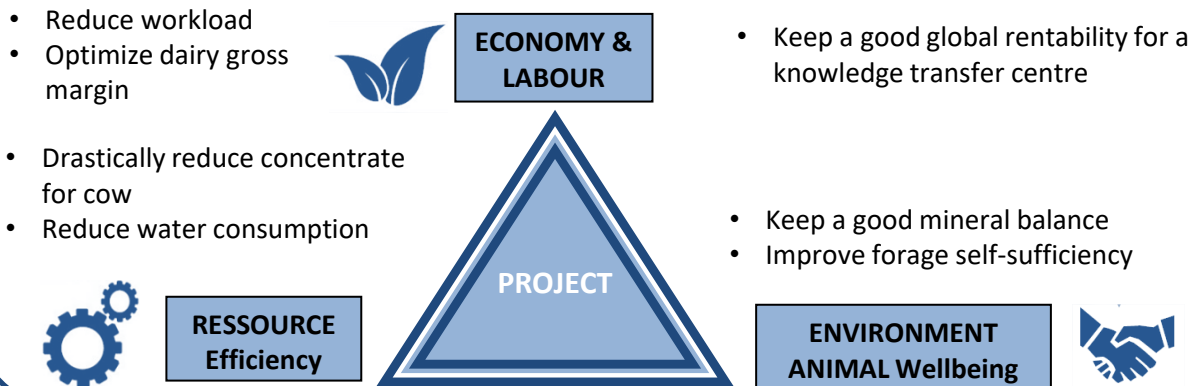
### Farmer’s strategy for a “resilient” system

- Achieving the best possible result with little manpower
- Maximum self-production of the feed

### Aspirations / Needs for the future

- Own power supply
- Improvement of forage

### Improvement project - objectives



### 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/>