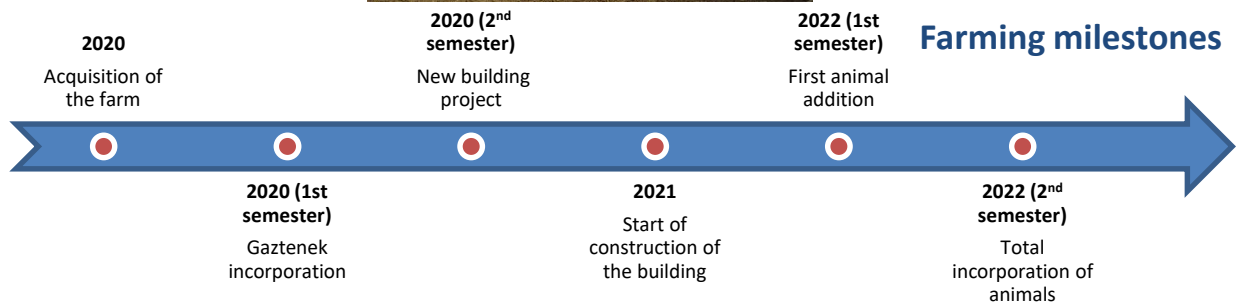


Innovations

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



The herd

- 341 Livestock Units (LU)
- 184 dairy cows
- Breeds : Frisian (100%)
- 82 dairy heifers
- Calving period : all year round
- Age at first calving : 24 months

Agricultural Area

103 ha AA

- 36 ha perm. grassland
- 21 ha temp. grassland
- 46 ha Maize silage

Workforces

- 2 young and formed workers(Full Time Equivalent) and 2 experienced employees
- Aware of society and suburban issues
- **Aims:** save time and increase milk and forage production

Areas of interest

- Improve labour efficiency
- Improve milk production, saving time
- Reduce inorganic fertiliser
- Increase free time

Main buildings and equipments

- 210 cubicles with sand bed
- Heifer warm bedding shed
- Milking robots : 4
- 5000 m³ Slurry pit
- Boxes for calves



Production / Technical results

- 2.080.070 liters of milk produced
- 3,75 % fat & 3,19 % protein content
- 13.036 l of milk /cow /year
- Concentrate: 5.000 kg/ cow



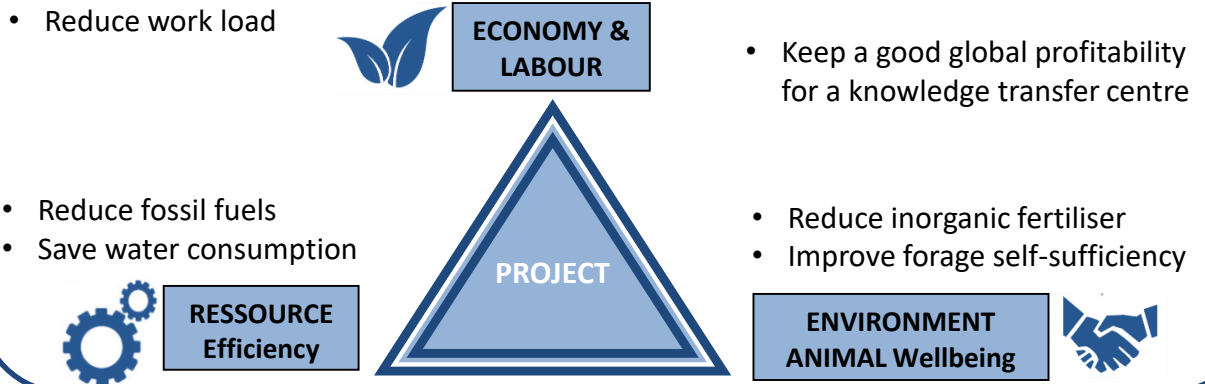
Farmer’s strategy for a “resilient” system

Use of forwarder wagon to reduce fuel use and improve quality of forage harvested.
 5000 m3 pit to store slurry and use it on land, reducing the use of inorganic fertilizer.
 One more milking robot (4 in total)

Aspirations / Needs for the future

Implementation of solar panels and the application of a solid-liquid separator, in order to reduce inputs and achieve a more sustainable management
 Progress in improving fodder production

Improvement project - objectives



Partners



Colaborators



“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/>