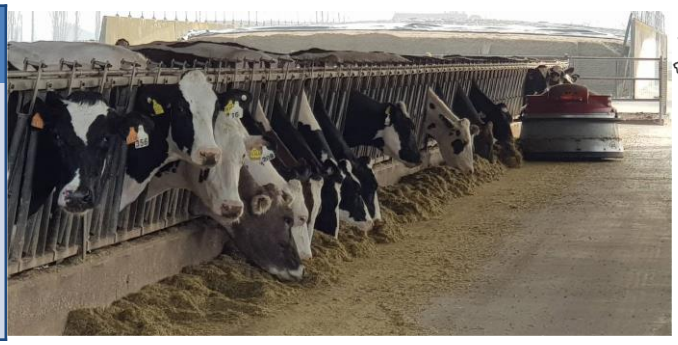
Resilience for Dairy (R4D) has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 101000770

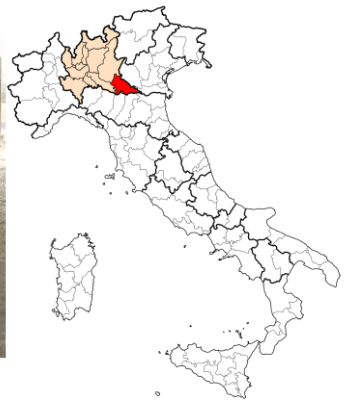
Farm Giovannini Galdino e Pecchini Drusilla S.S.

Italy

Innovations

Technical efficiency





Farming milestones

1960 Foundation

2014 Milking robot

2016 Automatic feed pusher

2020 Automatic Feed System

The herd

- 460 Livestock Units (LU)
- 400 dairy cows
  Breeds : Italian Frisian
- No heifers – The farm by directly milking cows
- Calving period : all year round
- Age at first calving : NA (the farm buys pregnant first calving cows)

Agricultural Area

150 ha AA

- 100 ha maize
- 150 ha wheat

(rotation)

Workforces

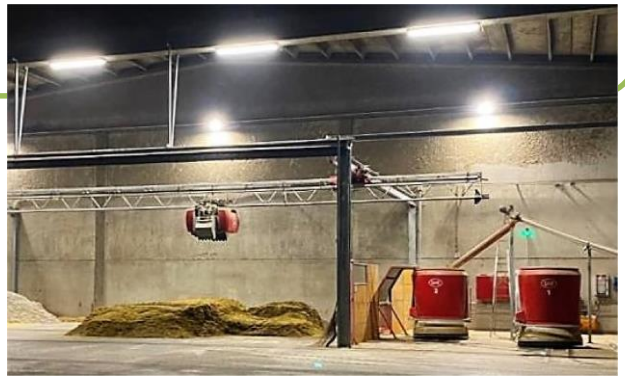
- Family-run business + employees
- 6 labour units (Full Time Equivalent)

Areas of interest

- Saving energy
- Renewable energy production

Main buildings and equipments

- Free walk housing
- Cubicles with mats + deep litter
- 1 milking robots for 60 cows + 8+8 parlor system for 340 cows
- AFS: Automatic Feed System + Feed pusher
- Individual boxes for calves



Production / Technical results

- 40000 liters of milk produced
- 4.3 % fat & 3.7 % protein content
- 35 liters of milk /cow / day (average)
- Grana Padano PDO

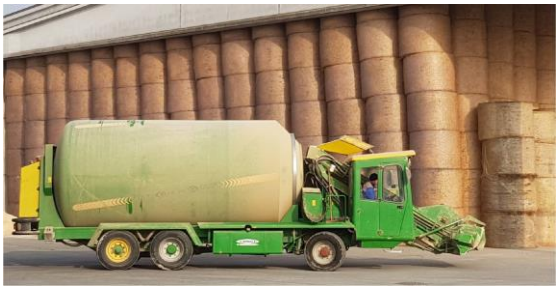
Strengths	Weaknesses	Opportunities	Threats
▪ Good management skills	▪	▪	▪

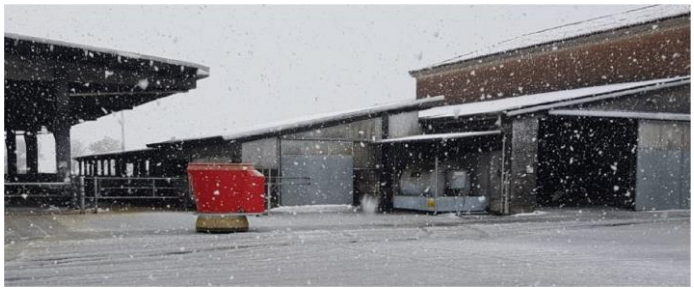
Farmer's strategy for a "resilient" system

- **Technical efficiency: milking robot, Automatic Feed System (preparation + distribution) and TMR pusher robot**

Aspirations / Needs for the future

- **Saving energy and production of renewable energy**

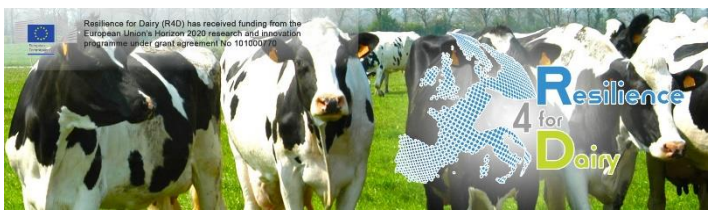




Partners

CRPA

"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/