



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

Soc. Agr. Capitello
VENETO – Vicenza

Italy



Innovations

Technical efficiency
&
Environment and animal welfare



Farming milestones

- 1912
Foundation
- 1978 Associate to
Cooperative Cheese
Factory
- 1998 TMR
mixer wagon
- 1999
From Tied-up to
free-walk housing
- 2015
Management from
father to sons

The herd

- 200 Livestock Units (LU)
- 108 dairy cows
Breeds : Italian Frisian (36%),
Montbéliarde + Swedish Red and
White (35%), Alpine Bruna (29%)
- 78 dairy heifers
- Calving period: 35% all year
round, 65% Sept-Dec
- Age at first calving : 25 months



Workforces

3 labour units (Full Time
Equivalent): family run
business

Agricultural Area

- 48 ha AA**
- 20.5 ha maize
 - 15 ha wheat
and grassland
 - 2,5 ha vineyard



Areas of interest

- Milk quality improvement
- Genetic improvement
- Hey quality improvement
- Marketing

Main buildings and equipments

- Free walk housing
- Cubicles with mats
- 10+10 milking parlor
- Unifeed: TMR mixer wagon
- Individual + collective boxes with
cubicles for young calves
- Collective boxes on straw litter with
cubicles for heifers

Production / Technical results

- 1230000 liters of milk produced
- 4,20 % fat & 3,6 % protein content
- 36 liters of milk /cow / day (average)
- 100% to Caseificio sociale di Ponte
di Barbarano, Cooperative Cheese
Factory



Farmer's strategy for a "resilient" system

- **Technical efficiency:** cross-breeding, hey maturation system
- **Socio-economic efficiency:** generational integration and renewal, strong link with local citizens/young generations
- **Sustainability and animal welfare:** colostrum bank, mats, refrigeration system, organic manuring and reduction of inputs

Aspirations / Needs for the future

- **Improve Carbon footprint and water input , improve management and marketing skills, reduce work load**



La mia passione è il mondo degli animali....specialmente le mucche.
Vi porto nel mio grande mondo....



**Razze,
alimentazione e
i «sensi» della
mucca**

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/>