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

BURETTE Jean-Marc
Pilot farm description

France

Innovations

Socio economic resilience / Environment / Work organization / Communication

Farming milestones

1990
Set up by Jean-Marc on the family farm (30 cows –220 000l - 25ha)

1993
Set up by Elisabeth (+240 000l, +24ha)

1994
Change of status - EARL (2UMO)

1996
Change in work organization : reduction of unpaid worker, work simplification (crop delegation, group calving, mutual aid)

2006
Pursuit of work organization : feed simplification, machineries, no tillage, field exchange)

2011
End of the EARL status, Elisabeth employee

2012
Low volume practice (pesticide)

2015
End of mutual aid, work with contractor

2017
Alexis come back in partial time

2021
Savoir vert : Farm educational tour

Alexis full time

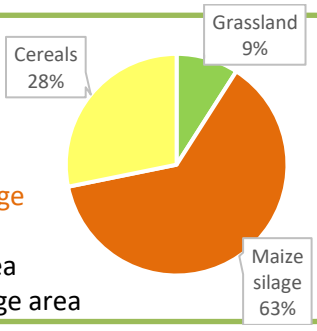
The herd

- 101 LU
- 76 Prim'Hosltein dairy cows
- 30% replacement rate
- Calving period: grouped (80% between june and september)
- Age at 1st calving : 24 months
- IA

Agricultural area

62 ha AA

- 5,4 ha permanent grassland
- 37,4 ha maize silage
- 16,8ha cereals
- 45,5 ha forage area
- 82 % maize / forage area



Workforce

- 1 farmer,
- 2 employees (Elisabeth, Alexis)
- Alexis employee to anticipate farm transmission
- Harvest delegation to a contractor

Areas of interest

- Work simplification
- Environmental friendly practice : no tillage, cover crops, low volume, alternative medicines, carbon footprint
- Communication toward general public : open days, local newspaper, events…

Main buildings and equipment

- Cows : strawed cubibles
- Heifers : free stall housing
- Milking parlour 2 x 5
- Few machineries

Production / Technical results

- 720 000 l produced milk
- 39 g/l fat & 33,7 g/l protein
- Stocking rate : 2,3 LU / ha forage area
- 9 355 l/cow/year - 15 846 l/ ha forage area
- Winter 2023 feed cost 111€/1000L
- 1750 kg concentrate/cow/year
- 570 kg concentrate/heifer/year (milk yogourt)
- Production cost 2021 414€/1000l, balance price 356€/ 1000l
- Carbon foot print : 0,9 kg eq CO2/l

Strenghts

- Consideration about farm strategy,
- Anticipation about expectation (environment, social), work force evolution
- Technical and economical efficiency

Weaknesses

- Feed system reliant on meal (and price
  Limited area, which lead to a high productivity/ha

Opportunities

- Strong involvement in networks, partnerships and training
- Come back of Alexis with news project, but following on the farm strategy

Threats

- Pressure on land (price, with resident)
  Dairy specialised system : precarious if price instability

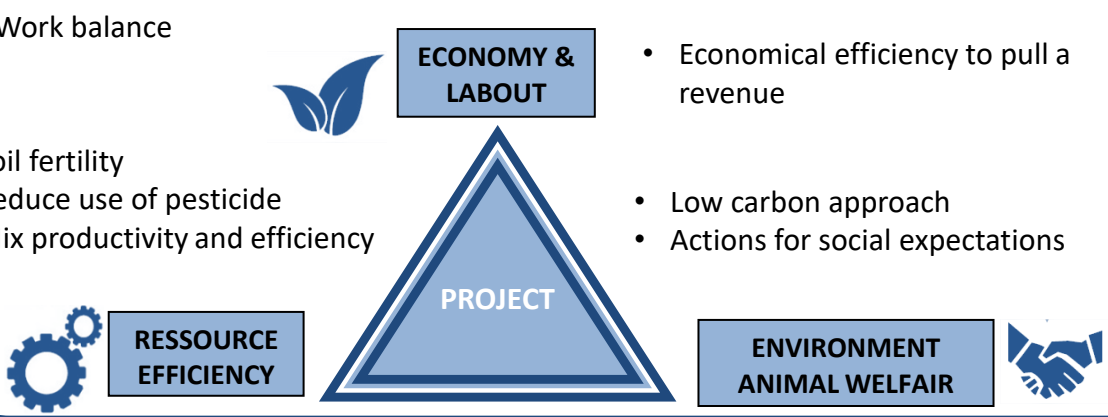
Farmer's strategy for a « resilient » system

To built a resilient system, the farmers have adopted a spesialization strategy in dairy and work simplification (cattle and crops).
They focus mainly on 2 topics : 1st the environment with no tillage practice, the use of cover crop, alternative medicines. The farm is involved in Law carbon label. The 2nd one is about social expectations with a lot of communication actions : Savoir vert, open days, articles…

Aspirations for the future

Jean-Marc and Elisabeth anticipate the farm transmission to Alexis : transfert of responsability, decisions making...

Improvement project - Objectives



Partenaires

"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/