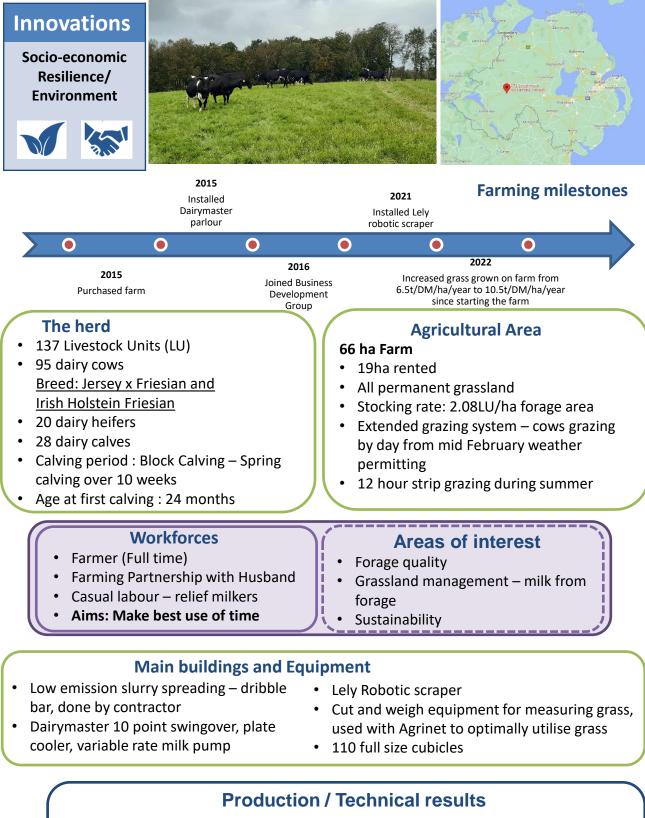


esilience for Dairy (R4D) has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 101000770 Samantha McCarroll Pilot Farm description *Fintona, Co. Tyrone - 2022* 





- Yield 5460 litres
  - Feed 0.699T
  - Milk from forage: 3907 litres
  - 4.65% butterfat, 3.71% protein
- Milk solids 456.46kg
- Milk sold to Glanbia Milk
- Cost of production £0.317/litre (including family labour and finance)
- Net Profit £394/cow
- Sexed semen used for 3 weeks, beef bull after





 Maximising grassland utilisation through extended grazing
 Excellent cow fertility

 Excellent milk from forage and milk solids



## Weaknesses

High rainfall area and farm is considered wet
Lower cow yield compared to other



Threats

Increasing Feed and

Fertiliser costs

## Net Zero Farming – already ahead of most farms

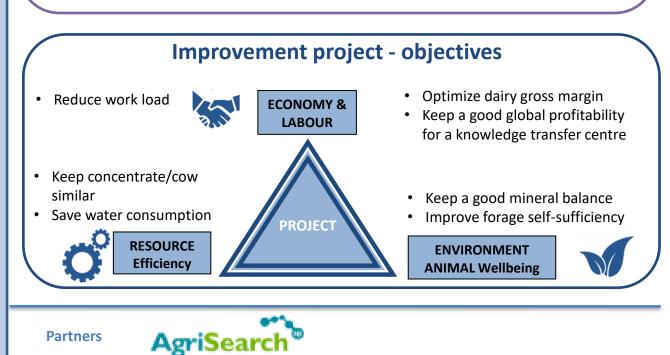
 Grow more grass – increased soil fertility

## Farmer's strategy for a "resilient" system

Maximising use of grass through extended grazing and strip grazing herd. Excellent herd fertility with good quality cows, use of sexed semen in first 3 weeks of breeding to breed replacements, with other cows put to the bull to breed beef calves for sale.

## Aspirations / Needs for the future

Increase grass production through improved soil fertility and similar amount of chemical nitrogen, increasing milk production – components and litres. Strategising meal use through increasing feeding during peak milk production.



"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/