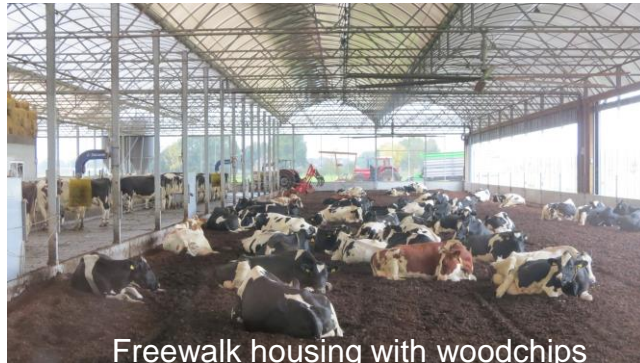


Innovations

Environment / Resource efficiency



Freewalk housing with woodchips



2014
Use of new Freewalk barn

2019
'Weldaad' Freewalk cheesery

2021
A2 Milk

2022
1 Star better life quality branding

2021
Compost/manure combination sales

By selection of cows on BB milk genetics

Farming milestones

Reception and house

By selection of cows on A2 milk genetics

2021
Kappa Casein BB Milk

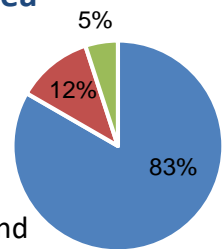
The herd

- 92 dairy cows (18 young stock, 18 calves)
- Breeds : HF + few Brown Swiss/Swiss Red
- Calving period : all year round
- Age at first calving : 26 months

Agricultural Area

Total 60+19 ha AA

- 50 ha grassland
- 7 corn cob mix
- 3 Fodder beats
- 7 ha natural land
- 12 ha additional natural land



Workforces

- 1,4 labour units (Full Time Equivalent)
- Flexible support
- 130 dairy cows & 617857 l / 1,4 FTE

Areas of interest

- Animal welfare
- Circularity
- Increasing value of bedding
- Increasing value of milk (health (breeding)/cheese)
- Very low input of concentrates

Main buildings and equipments

- Freewalk housing barn
- Roof with solar panels
- Automatic feeding system (Vector)
- 2 x 10 rapid exit
- Reception area with floor heating from the barn



Production / Technical results

- 865000 liters of milk produced, with 6.11 average present vs 7 (average total)
- 4.39 % fat & 3.50 % protein content,
- Stocking rate: 1.53 LU / ha forage area,
- 9400 l of milk /cow /year & 15333 l /ha forage area



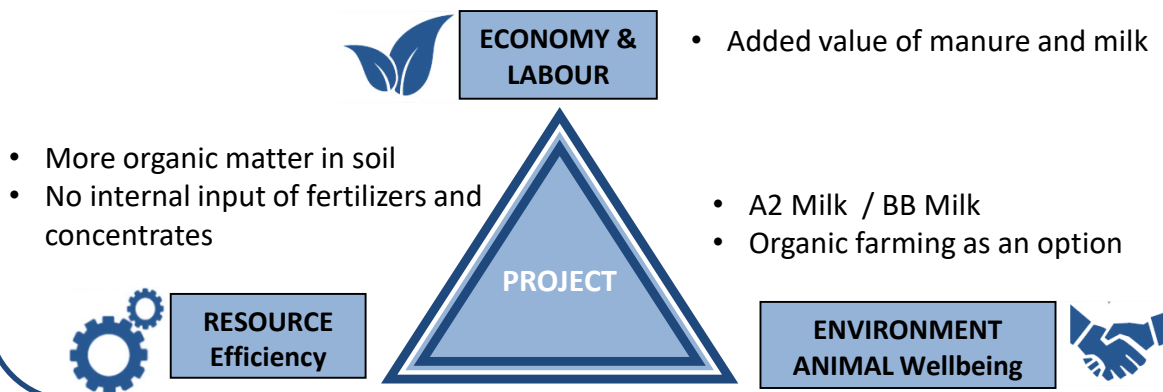
Farmer's strategy for a "resilient" system

1) Possibly becoming organic 2) Value increase on farm for milk (cheesery, direct farm sales to consumer, branding (health/animal welfare)) and manure (humest). 3) Strive to be fully self sufficiency.

Aspirations / Needs for the future

Policy that is comprehensible and can therefore be implemented. Rewarding all sustainability measures (reward for CO2-storage). Interest discount at financier (bank). Additional land and land ownership/use and tenancy stability, especially on upgraded land/soil.

Improvement project - objectives



Partners  **WAGENINGEN**
UNIVERSITY & RESEARCH

"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/>