CONTEXT PROFILE





FARMER Jan Coppelmans



MAIN DOMAIN OF THE INNOVATION Breeding advance



AGROCLIMATIC AREA Atlantic central



CLIMATE Moderate rainfall



INNOVATION Jerseys as grazing cows



SOIL TYPE Sand



MANAGEMENT Pasture dairy



TECHNICAL Easy



















CONTEXT PROFILE THE NETHERLANDS

Case Study: NL_08	Agroclimatic Zone								
Item (Key Innovation Elements)	Alpine	Atlantic Central	Atlantic North	Atlantic South	Boreal	Continental North	Continental South	Mediterranean North	Mediterranean South
Maximum grazing on a small home plot – only part of the herd grazes	+++	+++	+++	+++	+++	+++	+++	+++	+++
Jersey cows as natural grazers	+++	+++	+++	+++	+++	+++	+++	+++	+++

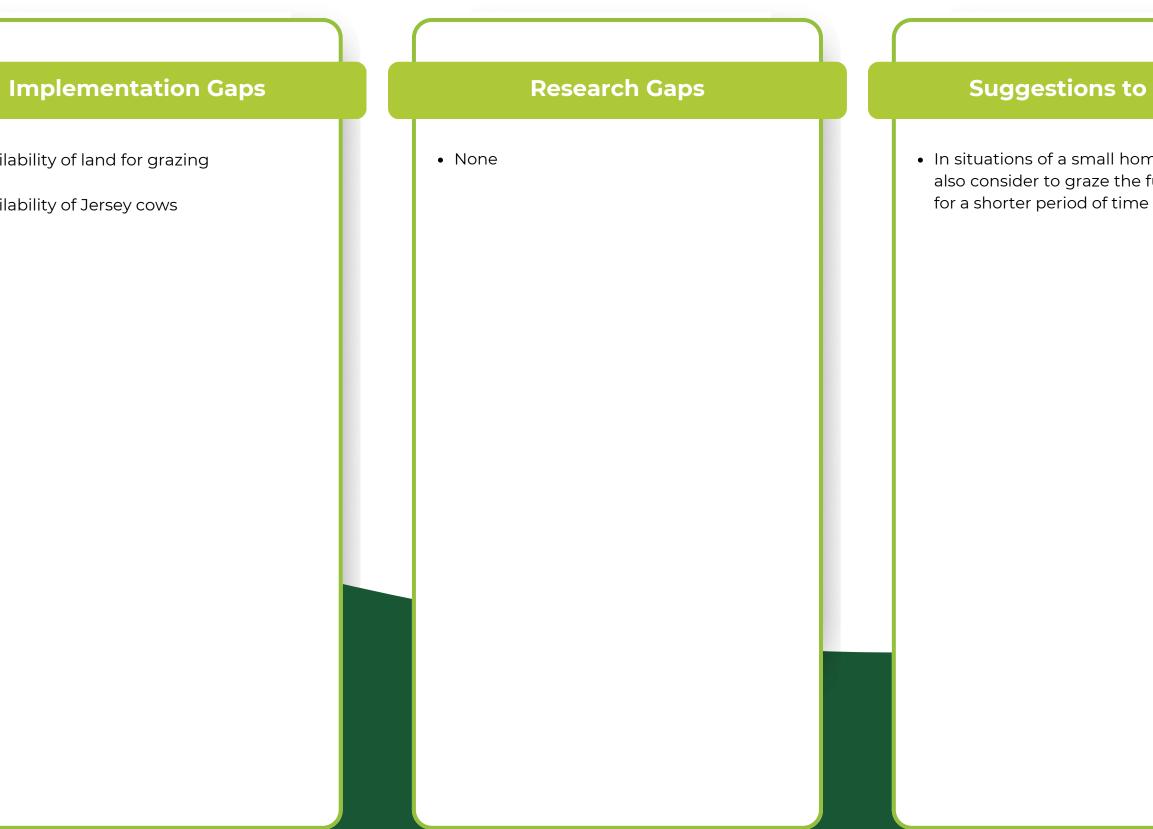


Generic information/not relevant



Funded by the European Union

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or European Commission . Neither the European Union nor the European Commission can be held responsible for them.



- Availability of land for grazing
- Availability of Jersey cows



Funded by the European Union

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or European Commission . Neither the European Union nor the European Commission can be held responsible for them.

Suggestions to Adapt

• In situations of a small home plot one could also consider to graze the full herd but then

COST-BENEFIT ANALYSIS

INVESTMENT COSTS

Total initial investment costs at start up:

- Initial authorisation costs (e.g. sanitary, veterinary, etc.)
- Initial advisory costs
- Initial buildings and machineries
- Initial certification costs
- Initial working capital (personal qualification, marketing and promotion, etc.)

ON-GOING COSTS

On-going advisory costs	low
On-going certification costs	low
On-going buildings and machinery costs	low
On-going working capital	low

BENEFITS RELATIVE TO ORIGINAL SYSTEM

• Economic

Reduction in energy consumption (electricity; fuel consumption)

Reduction in input use (fertilizers; pesticides; feed) etc.

Payback period

Product value added

Additional farm income through agroecological/agri-environmental payment schemes

• Environmental

Animal feed self-sufficiency increase

Biodiversity increase

Improved nitrogen cycling

Soil regeneration

Animal health and welfare improvement

• Social

Workload reduction

Engagement of young generation



Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or European Commission . Neither the European Union nor the European Commission can be held responsible for them.

mid	
low	

not applicable/not known	
not applicable/not known	

mid
mid

n	one or	low

Literature

• /



Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or European Commission . Neither the European Union nor the European Commission can be held responsible for them.