CONTEXT PROFILE

THE NETHERLANDS

FARMER
Jan Coppelmans

INNOVATION
Jerseys as grazing cows

Video

MAIN DOMAIN OF THE INNOVATION
Breeding advance

AGROCLIMATIC AREA
Atlantic central

CLIMATE
Moderate rainfall

SOIL TYPE
Sand

MANAGEMENT
Pasture dairy

TECHNICAL
Easy

FINANCE/INVESTMENT
Mid

MARKET
Global

SOCIAL
Full-time farmer

All contents of this document are expert opinions of the G4AE Scientific Technical Working Group

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	+++	+++	+++	+++	+++	+++	+++	+++	+++

+++ **Strong transferability** ++ **Slightly limited transferability** + **Very limited transferability** × **Generic information/not relevant**

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Implementation Gaps

- Availability of land for grazing
- Availability of Jersey cows

Research Gaps

- None

Suggestions to Adapt

- In situations of a small home plot one could also consider to graze the full herd but then for a shorter period of time

Grazing4AgroEcology

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COST-BENEFIT ANALYSIS

INVESTMENT COSTS

Total initial investment costs at start up:	mid
• Initial authorisation costs (e.g. sanitary, veterinary, etc.)	low
• Initial advisory costs	low
• Initial buildings and machineries	low
• Initial certification costs	low
• Initial working capital (personal qualification, marketing and promotion, etc.)	low

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)	none or low
Reduction in input use (fertilizers; pesticides; feed) etc.	none or low
Payback period	not applicable/not known
Product value added	none or low
Additional farm income through agroecological/agri-environmental payment schemes	not applicable/not known

- **Environmental**

Animal feed self-sufficiency increase	mid
Biodiversity increase	none or low
Improved nitrogen cycling	none or low
Soil regeneration	none or low
Animal health and welfare improvement	mid

- **Social**

Workload reduction	none or low
Engagement of young generation	none or low

Grazing AgroEcology 4.0
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Literature

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