# CONTEXT PROFILE





**FARMER** Stefan Einarsson & Erica Helweg - Fyledala



**INNOVATION** Moving cattle with dogs and horses



MAIN DOMAIN OF THE INNOVATION Animal management



AGROCLIMATIC AREA Atlantic central



**CLIMATE** Moderate rainfall



**SOIL TYPE** Sand



MANAGEMENT Pasture beef



**TECHNICAL** Computer-based











FINANCE/INVESTMENT Low

**MARKET** Local-urban

**SOCIAL** Full-time farmer



## **CONTEXT PROFILE** SWEDEN

Case Study: SE_03	Agroclimatic Zone								
Item (Key Innovation Elements)	Alpine	Atlantic Central	Atlantic North	Atlantic South	Boreal	Continental North	Continental South	Mediterranean North	Mediterranean South
Horses trained for moving cattle	+++	+++	+++	+++	+++	+++	+++	+++	+++
Dogs trained for moving cattle	+++	+++	+++	+++	+++	+++	+++	+++	+++
Cattle movement between pastures	+++	+++	+++	+++	+++	+++	+++	+++	+++



Generic information/not relevant



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- Consistent access to high-quality feed for horses and dogs
- To be able to ride horses within herds
- To follow training to educate and manage the dogs



<ul> <li>None</li> </ul>
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## Suggestions to Adapt

• Purchase suitable well trained dogs

## **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	
On-going certification costs	
On-going buildings and machinery costs	
On-going working capital	

#### **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



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# high high

not applicable/not known
not applicable/not known
not applicable/not known
not applicable/not known

high

not applicable/not known

not applicable/pot known

not applicable/not known not applicable/not known low

1000

mid low not applicable/not known low not applicable/not known low

# Literature

### English

• There are diverse guides and videos on the web for herding cattle with dogs or horses



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