



Case Area – Pandivere &
Adavere-Põltsamaa NVZ

How to motivate farmers to adopt
environmentally friendly practices?



Waterdrive

 **Interreg**
Baltic Sea Region



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The Problem:

Nitrate Vulnerable Zone (NVZ) water quality has not significantly improved (NVZ AP, 2016-2020)



Manure storage

Storages missing or not meeting the regulatory standards

Composition of manure

Methodology to calculate the composition of nutrients in manure

Fertilisation

Methodology of application of fertilisers

Application of manure

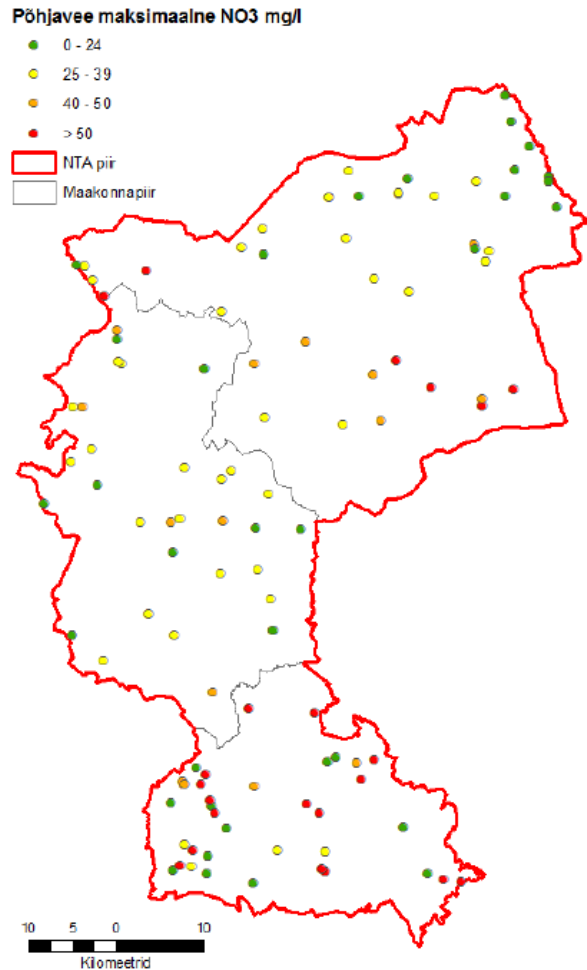
Timing of application

Nitrate in surface and ground water

Elevated concentrations



Assessment of the implementation of NVZ Action Plan 2012 -2015



Joonis 1 NTA seirekohtade suurim nitraadisaldus 2012-2014 III kvartal

NO₃ mg/l in NVZ monitoring sites

Groups of measures	Status in 2014 (last report*)	Meeting the targets
1.Ensuring high quality drinking water		Largely unmet
2. Application of environmentally important farming technologies		Partly met-unmet
3. Surveys and monitoring of impacts of farming		Partly met-unmet
4. Enhancing legal framework and cooperation		Partly met-unmet
5. Awareness raising and expertise development locally		Partly met-unmet
6. Enforcement/Inspection		Partly met-unmet

*Maves, 2014

The stakeholders to be involved in the pilot case

- Farmers of the NVZ
- Forest owners of the NVZ
- The NVZ working group (Ministry of the Environment, Ministry of the Rural Affairs, farmers associations, forest owners associations, drainage associations, local governments, experts, local communities-villages, etc)
- The environmental NGOs



Internet pictures

Expected results

- Better cooperation between stakeholders in NVZ
- Better understanding of farmers motivations to adopt conservation agriculture measures in NVZ
- Enhancing the ownership of the good status of the water by NVZ farmers
- Revision of the NVZ Action Plan and **proposal for the enhancement** of the plan



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