

New manure standards to improve nutrient recycling and reduce nutrient leaching

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MANURE STANDARDS

Advanced manure standards for sustainable nutrient management and reduced emissions

Flagship project for EU strategy for the Baltic Sea Region (Priority Area: Bioeconomy)

Project duration October 2017 – September 2019

<https://www.luke.fi/manurestandards/en/>



Why are we doing this?

- Nutrient inflow to the Baltic Sea remains higher than targeted
- Manure fertilisation regulated via Nitrate Directive, but only for some regions and with no direct consideration to phosphorus
- Most manure is spread on fields as such (without processing)
- Farm-specific nutrient bookkeeping, incl. manure fertilisation plans, variably used and with different methods
- Estimations of the nutrient inflow into the Baltic Sea transnationally incomparable due to challenges in measuring and modelling the runoff and in depicting the share of manure-based runoff

-> impact of manure data (quantity, quality) on fertilising effect and emission potential is significant

Partnership

19 Project partners from 9 countries

Plus 32 Associated Organisations from 9 countries

Representing national ministries, authorities, NGOs, advisory organisations, education, SMEs



What will we achieve?

Enhanced knowledge and competence of the target groups in sustainable manure management via use of **new, jointly developed and scientifically-based manure tools**

- **Farmers and advisory** have clear guidelines and recommendations on how to use the new manure tools in improving their farming practices
- **Policymakers and authorities** have clear guidelines and recommendations on how to use the new manure tools for more efficient policy making and monitoring (national and transnational)

Proper farm-level **nutrient bookkeeping**, incl. fertilization plans and nutrient balance sheets to **enhance manure use, increase nutrient recycling and reduce emissions to water and air**





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**Manure is a valuable resource to be used
efficiently.**

Find us online:

<https://www.luke.fi/manurestandards/en>