



Making Use of Agricultural Nutrients in Finland

COUNTRY

Finland

PROJECT PROMOTER

Natural Resources Institute Finland
(Luke)

FUNDING

National – 12 400 000 EUR

DURATION

2016 – 2019

CONTRIBUTION TO

- generating environmental benefits
- mitigating climate change
- increasing efficiency of biomass resource use
- creating value through improved production methods or processing technology
- creating value through increased cooperation among value chain actors
- scaling up a pilot project to commercial scale
- replicating an existing approach from another area/country

KEYWORDS

Added value, agriculture, bio-based waste, by-products, nutrients

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WEBSITE

<https://mmm.fi/en/recyclenutrients>

The initiative

Finland is committed to become a model country in nutrient recycling. The efficient recycling of agricultural nutrients will improve the condition of water systems, reinforce food security and create new business opportunities. Increasing the efficiency of nutrient recycling requires more open-minded partnerships and co-operation between all relevant sectors in the administration.

The objective of the project is to promote the government's goal of ensuring the advanced processing of at least 50% of manure and municipal sewage sludge in sensitive areas close to the Baltic Sea and other water systems by the year 2025. The project is especially targeted at small- and medium-sized enterprises. In order to achieve its objective, the project conveys information about funding opportunities related to the recycling of nutrients; promotes the networking and experimental activities of nutrient recycling operators; transmits essential research knowledge to operators; identifies bottlenecks in nutrient recycling and ways to overcome them; and collects information about new research needs and the results of recent experimental projects.

In parallel to the project, there is an active and wide-spread research evaluation underway concerning the effects of the bioeconomy in Finland.

RESULTS

- ✓ Recycling nutrients from manure and municipal waste will help to decrease the amount of fossil energy and mineral nutrients used. This will decrease CO₂ emissions and have a positive impact on climate change.
- ✓ 8 individuals directly employed in/by the initiative.

