



Project Platform **SuMaNu** - Sustainable Manure and Nutrient Management for Reduction of Nutrient Loss in the Baltic Sea Region

Keeping nutrients in food production

Efficient manure and nutrient management in agriculture is beneficial for the environment and for the farmer – and thus, the only way to secure sustainable food production in the future.

Nutrient loss from fields to waterways causes eutrophication and livestock production is the main source of ammonia emissions, causing acidification, eutrophication and formation of unhealthy particles. Loss of valuable nutrients is also an economic loss for the farmer. SuMaNu will analyse and synthesise the results and recommendations of chosen current and previous projects which aimed towards agro-environmental sustainability and seek to link them better to policies.

Four approaches - from manure to soil and air

SuMaNu combines Interreg Baltic Sea Region projects Baltic Slurry Acidification and Manure Standards, Interreg Central Baltic project GreenAgri and BONUS Programme project PROMISE. Baltic Slurry Acidification aims to reduce ammonia emissions from livestock production by promoting slurry acidification technologies. Manure Standards develops joint guidelines for more efficient collection and usage of manure data. GreenAgri aims at reducing nutrient losses in the Baltic States by introducing and testing environmentally-friendly management of organic fertilizers. BONUS PROMISE evaluates methods to close the agricultural phosphorus cycle with a special view on contamination risks when recycling the organic waste materials. Also, the findings of previous projects, such as Baltic Manure, Baltic Compass and Baltic Compact will be considered.

Towards regional and more holistic view on sustainable nutrient management

The SuMaNu synthesis on the solutions developed in the four projects will be used for formulating recommendations for environmentally and economically sustainable manure management in order to better link project results and policies. SuMaNu will target this information nationally and internationally especially to policy-makers. The communication will also be directed to other stakeholders, in particular to farmers via farmers' unions and advisory services.