LLE

Livestock Lower Emission

What challenge or problem are you addressing? What is the need for the project?

To facilitate the implementation of low-carbon, energy and climate protection strategies to reduce GHG emissions in NWE in livestock production systems. Farming is an important source of air pollution. Ammonia and methane are key gasses, harming directly and indirectly the environment. Direct measurement of the emissions, besides model predictions, is a necessity and is something that need to be developed by a diverse group of institutions and companies. With LLE the ambition is to determine innovative best-practices to measure emission reduction, to disseminate them and to boost behaviour change towards the uptake of best management practices and low carbon technologies.

Objective of the project: What your project wants to achieve/change

Goal: Transfer sensor techniques from industry into farming world, scaling up prototypes into practices.

Livestock production systems are an important emitter of GHGs, the challenge is to find ways to reduce GHSs to meet climate change goals. LCE wants to measure the efficiency of reduction measures and to enhance the uptake of low emission practices, technologies and processes. To reach the objective 4 consecutive actions are scheduled.

Why do you need transnational cooperation?

Certain models have been developed to reduce the emissions in livestock farming in each Member State. These are model predictions. With LLE we want to introduce measuring techniques. There's a transnational concern to measure and monitor GHG livestock emissions across NWE in real time so NWE air quality will benefit on the long term. It's a necessity to work together, to exchange across borders, air quality is of transnational importance. A lot of synergies exists between regions and through exchanging best-practice whole NWE society will benefit.

What kind or partners are you looking for?

A partnership is already developed. But we're still looking for partners (advisory organisations, farmer associations, environmental organisations, research institutions) in IRE, UK, GER, NL and connected to livestock emission and could take up a role in 1 of the actions.

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