

Agrarpolitische Maßnahmen und Erfahrungen zur Moorbodennutzung aus Lettland

First National workshop in Germany on climate change mitigation measures for nutrient-rich organic soils

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Kristīne Sirmā, Laura Liepiņa

Ministry of Agriculture of the Republic of Latvia

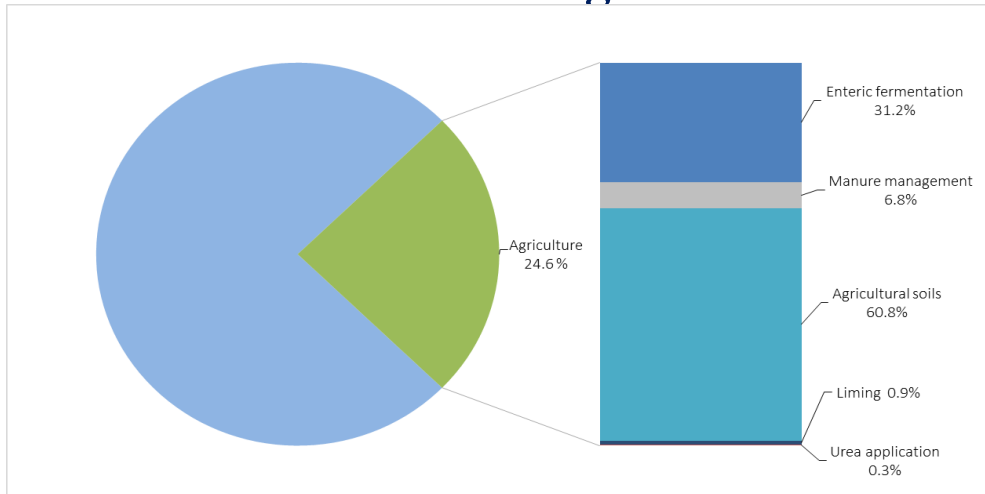
Department of Agriculture

LIFE OrgBalt, LIFE18 CCM/LV/001158

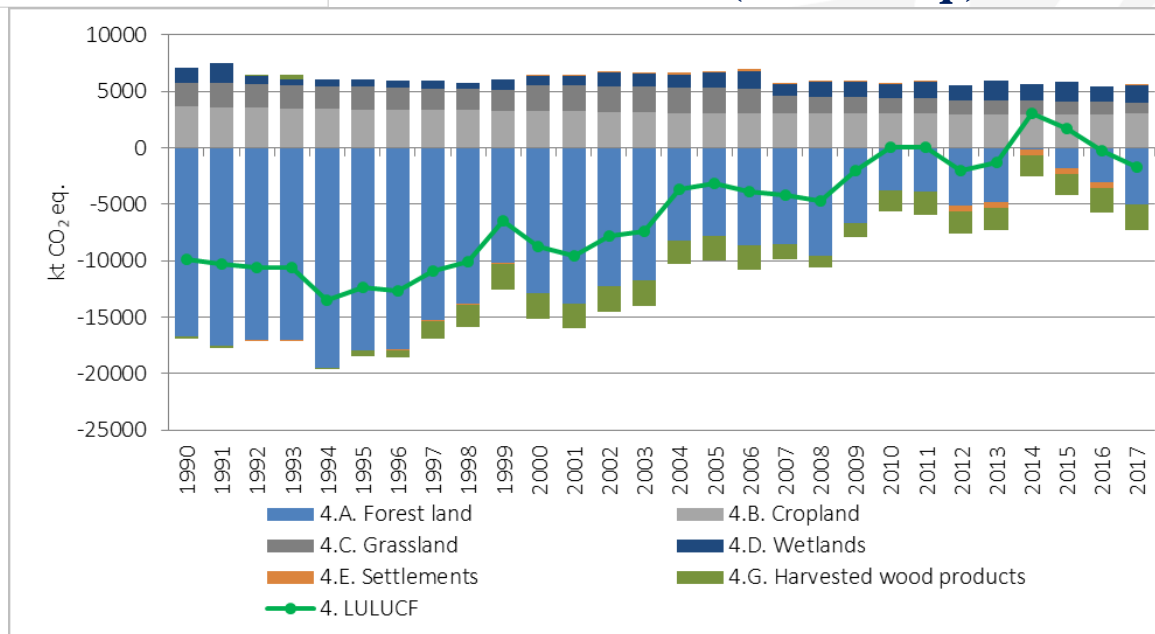
EU LIFE Programme project

“Demonstration of climate change mitigation potential of nutrients rich organic soils in Baltic States and Finland”

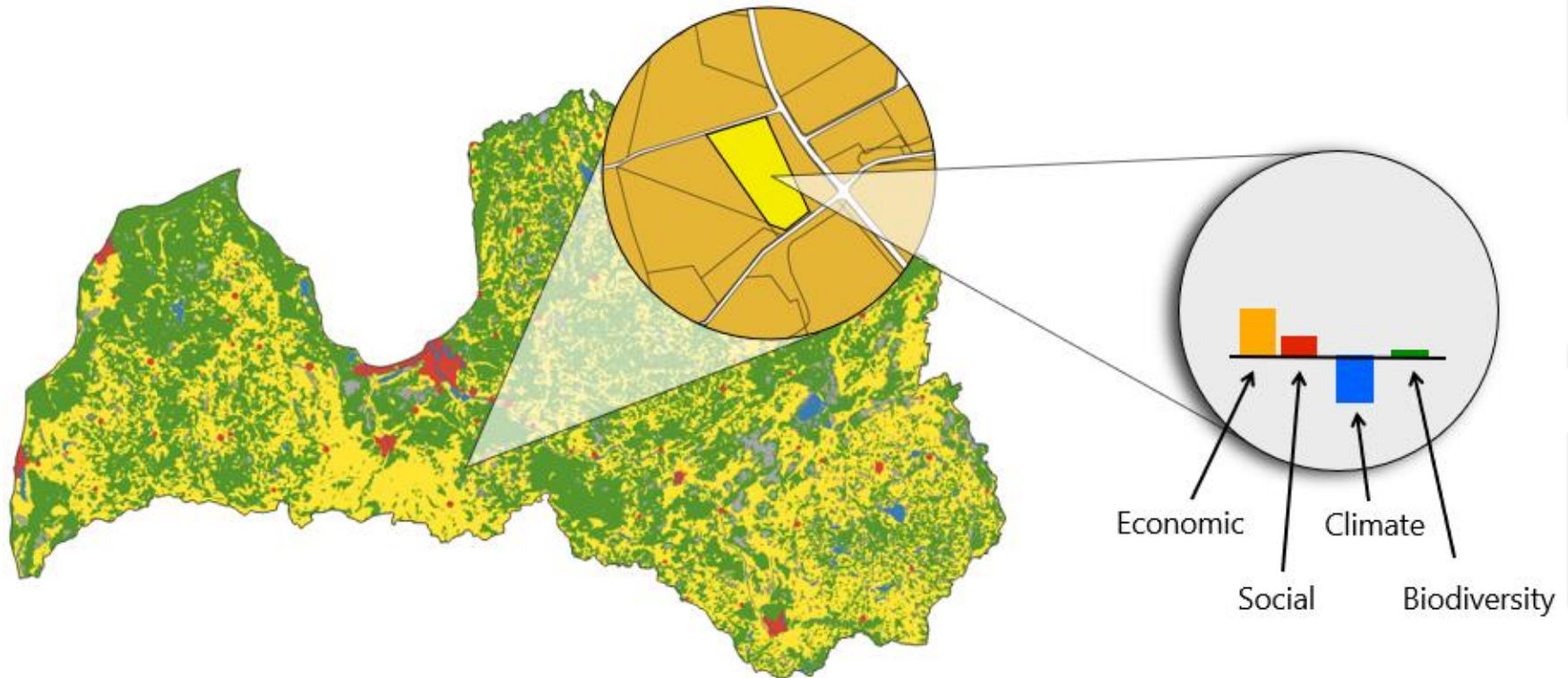
GHG emissions from the agriculture sector 2017



GHG emissions from LULUCF 1990-2017 (kt CO₂ eq.)



Land functions

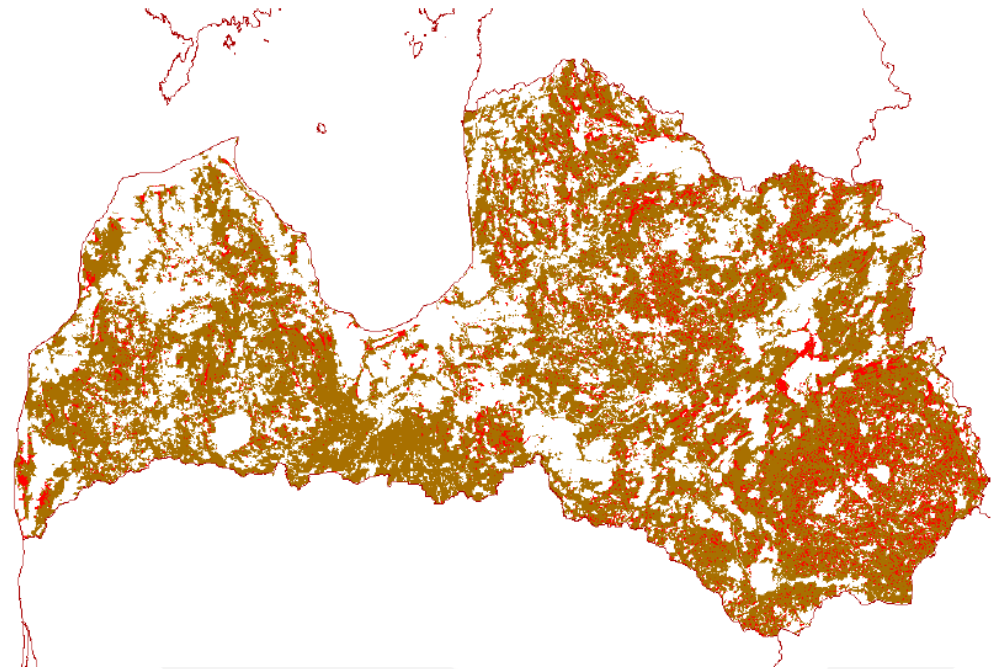


Distribution of organic soils in Latvia

Overall significance of organic soils in agriculture:

~ 10% of all value added in Latvian agriculture

~ 120 mln EUR output per year



Calculations are based on assumption that total area of organic soils in agriculture is 138,1 thousand ha

**Totally 2 358 559
ha**

(GAEC 2)

Latvia plans to apply the following definitions

- **Wetlands** located on agricultural lands are areas of floodplain meadows, grassy marshes or peat fens which are overmoist or periodically covered with a shallow layer of water and used for agricultural activity.
- **Peat soil** on agricultural land means the soil used for agricultural activity and containing a layer of peat of 30 cm or more.



Proposal for requirements on-farm practice:

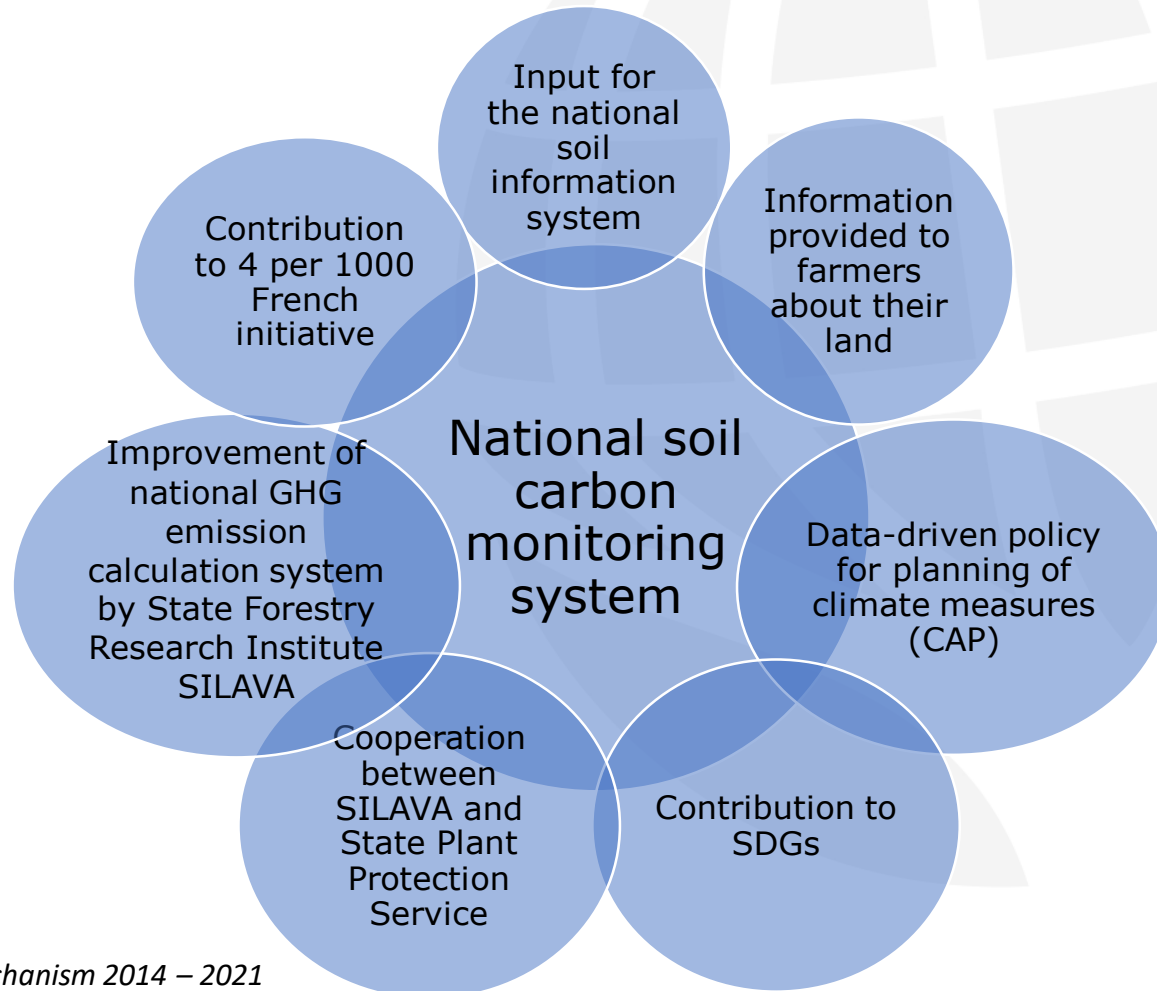
- Wetlands and peatlands located on agricultural land and used for agricultural activity shall not be ploughed more frequently than once in 5 years or ploughing is prohibited at all, if it is provided for by other legislative acts, including ones on environmentally sensitive permanent grasslands.
- It is only permitted to renovate or install new amelioration systems in areas of wetlands and wetlands on agricultural land used for agricultural activity in cases where appropriate solutions are used that do not increase GHG emissions from soil (e.g. establishing filtration fields, forming ditch extensions, planting tree strips along an amelioration ditch) and all the requirements specified in legislative acts regarding the necessary documents, permits or reconciliations are fulfilled.

Support of the EAFRD

Application of environmentally friendly methods in horticulture, organic farming and introduction of perennial crops in historic peat extraction sites



Enhancement of sustainable land resource management in agriculture



LIFE OrgBalt benefits for German stakeholders

Simulation model as a policy planning / decision support tool

- main transferable project result
- for projection of GHG emissions from nutrient-rich organic soils under different management and climate scenarios

Two level training sessions will be organised:

- first, project experts will train consulting and advisory organisations
- at the second level, consultants will transfer the project's developed tools and methodologies to end users – individual stakeholders

Second national workshop at the end of the project, year 2023:

- stakeholders will be provided with project final results about CCM measures and their impact on nutrient rich organic soils
- with participation of international experts

Danke!



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The project "Demonstration of climate change mitigation potential of nutrients rich organic soils in Baltic States and Finland" (LIFE OrgBalt, LIFE18 CCM/LV/001158) has received funding from the LIFE Programme of the European Union and the State Regional Development Agency of Latvia. www.orgbalt.eu

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