



Opening remarks of LIFE OrgBalt final conference “Climate Change Mitigation in Organic Soils in Agricultural and Forest lands”

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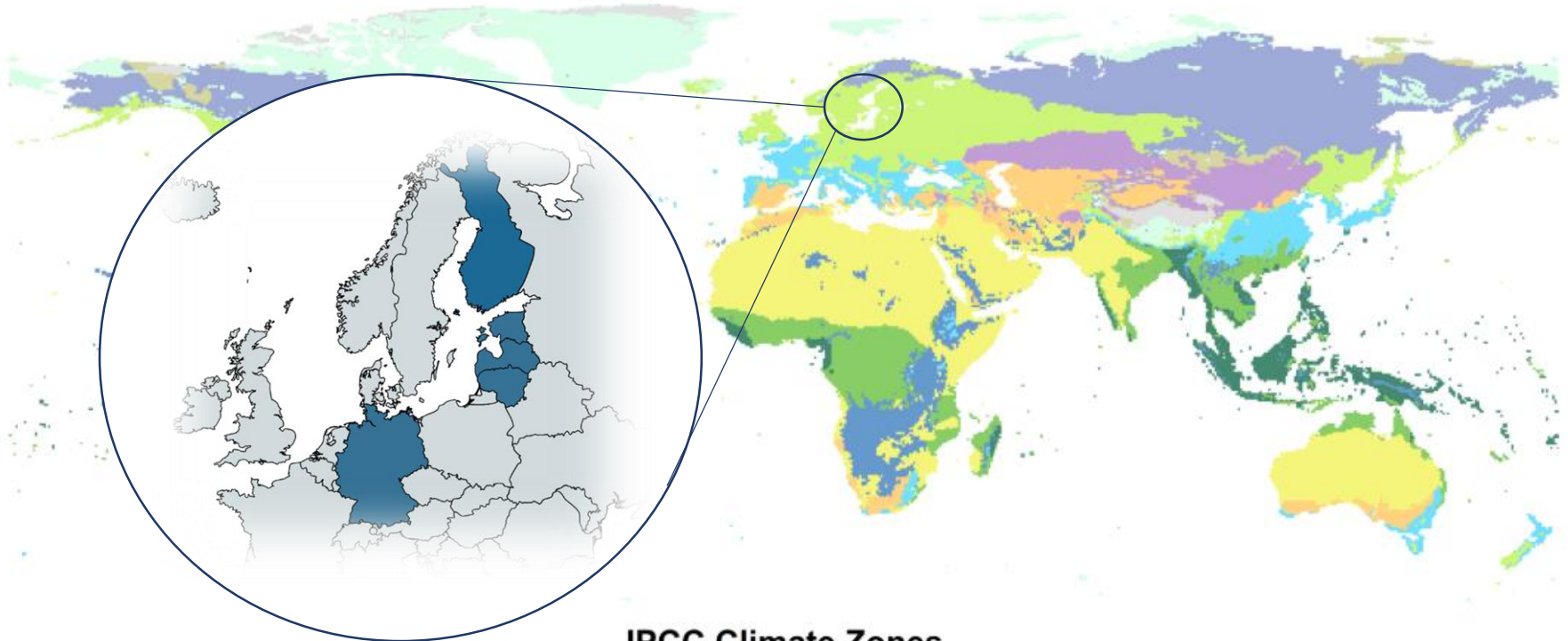
LIFE OrgBalt, LIFE18 CCM/LV/001158

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



GLOBAL PERSPECTIVE, REGIONAL DATA

Figure 3A.5.1 (Updated) Delineation of major climate zones, updated from the 2006 IPCC Guidelines.



IPCC Climate Zones

 Tropical Montane	 Tropical Dry	 Cool Temperate Moist	 Boreal Dry
 Tropical Wet	 Warm Temperate Moist	 Cool Temperate Dry	 Polar Moist
 Tropical Moist	 Warm Temperate Dry	 Boreal Moist	 Polar Dry

NUTRIENT – RICH ORGANIC SOILS: WHY IT IS IMPORTANT?

In the scope of the broad IPCC definition of organic soil (12% or more organic soil carbon) (*Hiraishi et al. 2014*) ...



Photo by LIFE OrgBalt team: LIFE OrgBalt demo sites archive

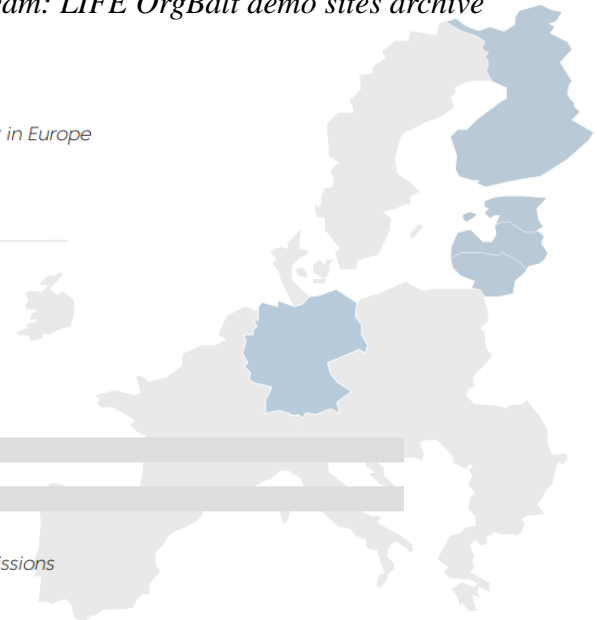
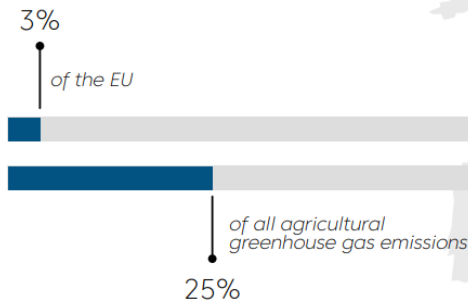


Photo by Māra Pakalne: wetlands in Latvia



Organic soils in the agricultural sector in Europe

4.4 Mha



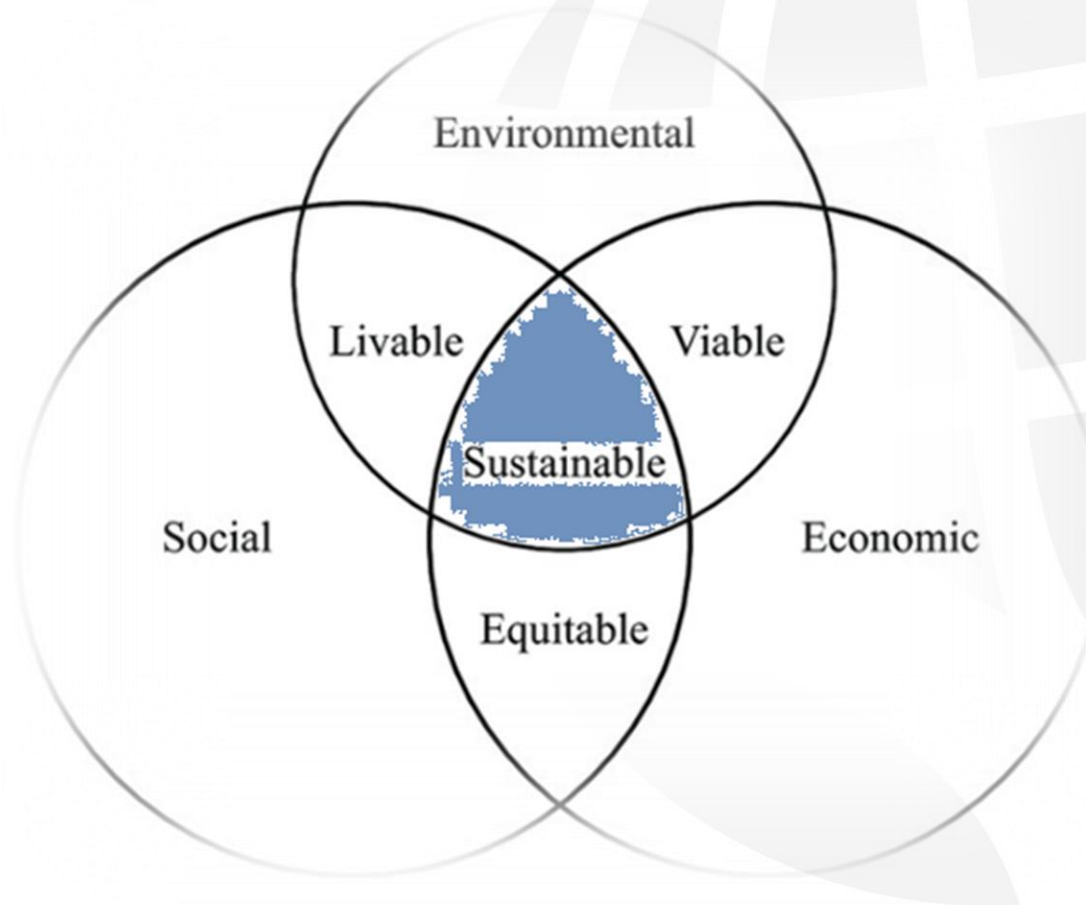
IMPROVEMENT OF ORGANIC SOIL MANAGEMENT FOR CONTRIBUTION TO CLIMATE CHANGE MITIGATION

Targets

- **GHG inventory improvements**
project territory specific activity data and GHG emission factors
- **Demonstration of GHG mitigation measures**
socio-economically evaluated CCM measures, proposals for policies to reduce GHG emissions from organic soils
- **Tools and guidance**
Land parcel and country-level tools for estimation of GHG and socio-economic impacts of various management strategies



THE LENS WE USE FOR ALL OF OUR SOLUTIONS: SUSTAINABILITY



Classic dimensions of sustainable development. *Source:*
Brundtland Report (1984), UN