LIFE OrgBalt
Public Private Partnership model - evaluation of CCM measures

4th Steering group meeting
29 June 2021, Video conference

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"

AIMS AND TASKS

- Develop a support tool for the **assessment of the costs and impacts** of LIFE OrgBalt climate change mitigation measures.

For each of the CCM measure:

- Assess the **economic return** (based on GHG emission reductions)
- Assess the **financial return** of private investments
- Determine the **financial deficit or the optimal amount of public funding (or other investments)** for CCM measures that give a positive economic return, but the implementation of which is not economically profitable for land owners/managers
- Develop **proposals for the integration of CCM measures into the CAP / Common Agricultural Policy**, based on the results of the model calculations

TARGET AUDIENCE

- Model primarily is focused on farm/landowners level.
- The common proposals for support is focused on national political decsion level.

Target groups

- Land owners / managers
- Farmers' and foresters' associations
- Rural support services, rural consultants
- Ministries of Agriculture/Environment and Regional Development

PPC model methodology and format

Methodology

- The model calculates the benefits of land use scenarios for the following five different periods: 5 years, 10 years, 25 years, 50 years, 100 years, according to a defined set of indicators.
- User can flexibly to adjust the costs and revenues indicated in the model in accordance with the specific situation in the selected implementation area
- The model can be flexibly implemented in all partner countries by changing data entry parameters.
- The model is developed in English and Latvian, but there is possiblity to add more languages.

Format

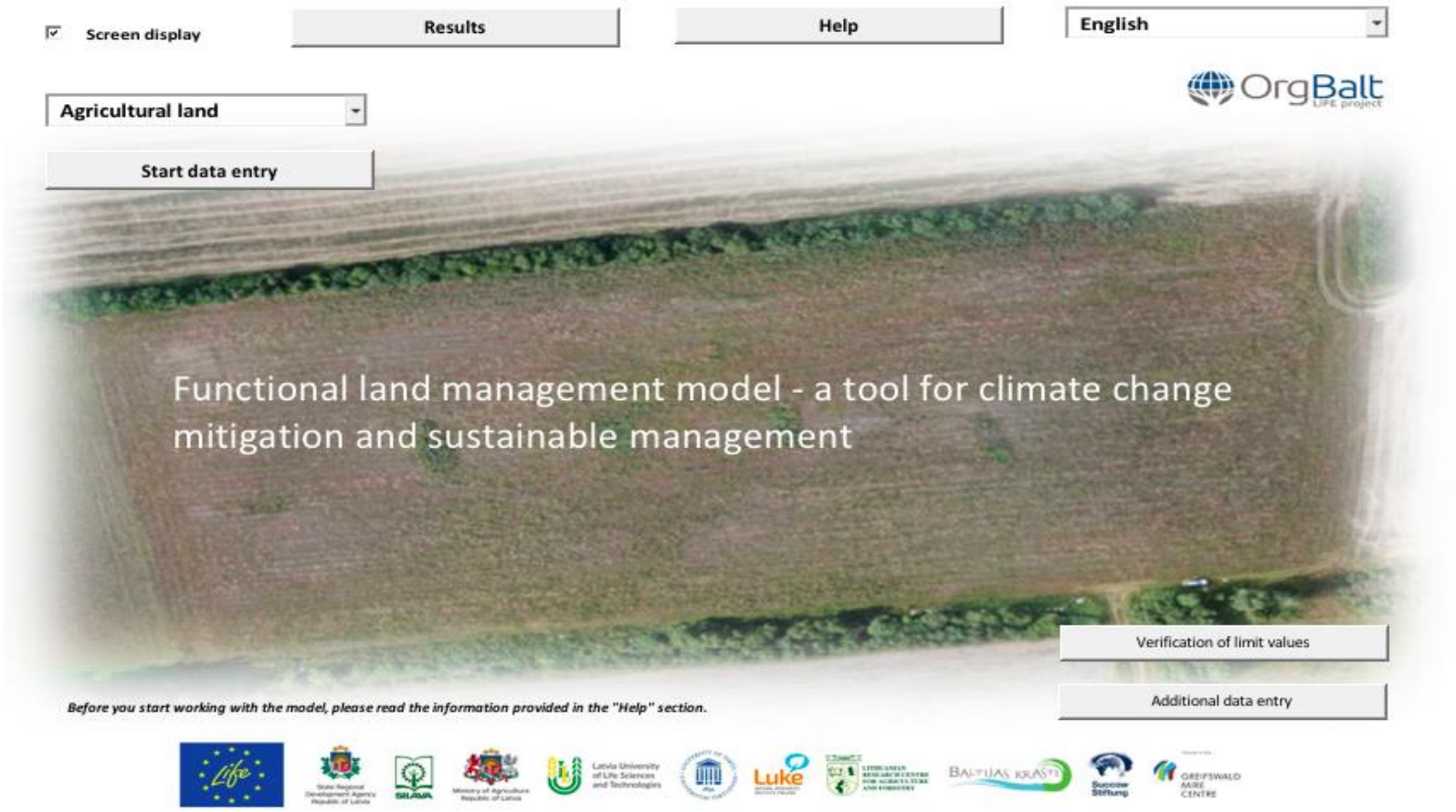
The PPC model is developed using MS Excel (with a user-friendly interface)

PROGRESS I

- The model structure was completed and parameters are included
- The following three scenarios have been fully integrated in the MS Excel model:

- (LIFE Restore) Rewetting and cultivation of fruit trees and berries, including blueberries and cranberries (data are collected)
- (LVC301) Conversion of cropland used for cereal production into grassland considering periodic ploughing (data are collected)
- (LVC305) Controlled drainage of grassland considering even groundwater level during the whole vegetation period (data are collected)

Users will be able to choose the type of land (e.g. agricultural land, forest land) and then will be asked to enter a series of relevant data. The model will return economic and financial data to evaluate the return on investment and the potential GHG reduction of the selected scenario.



PROGRESS II

- Guidelines have been developed for final users in English and Latvian
- A first proposals for the adoption of the Project results in the CAP documents has been drafted
- After the completion of the model structure and the inclusions of the data for three first scenarios the model was presented in two meetings order to be approved by **political representatives, partners and stakeholders** (05/2021)
- Model is sent for testing for stakeholders and partners to fully understand its functionality and analyse concrete data, also to understand how the specificity of each country could be dealt with. Feedback questionnaire is also provided.

FUTHER STEPS

- Further scenarios will be integrated by **30/06/2023** due to:

- lack of available data on GHG emissions for remaining 14 scenarios to be integrated
- lack of available data on investment and maintenance costs (for certain scenarios). Data collection for all scenarios is therefore in progress.

- Further proposals for adopting results in CAP will be made till **30/06/2023** based on:

- PPC model results
- Synergy with the Ministry of Agriculture Activity C4 – task 1 – "Development of supplements for national climate strategies and action plans" and future CAP policy measures

FUTHER STEPS – PUBLIC COMMUNICATION

- There will be organized more stakeholder meetings when model will be fully ready and it will be possible to show the model functioning for all of the scenarios.
- There is a plan to organize at least one stakeholder meeting in each project partner country and prepare final report on comunication with stakeholder groups till **30/06/2023.**
- 10 training workshops (2 per country) will be organised toward the end of the project to transfer the project's developed tools and methodologies. The first 5 (1 per country) will be targeted to consultants, advisory and business representatives, the second 5 (1 per country) will target individual stakeholders from the LULUCF and agricultural sector and will be organized in the first half of the year 2023.
- Training materials will be prepared for participants and distributed to other interested stakeholders.

Thank you!

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