

REPORT

ON IMPLEMENTATION OF THE PROJECT

DEMONSTRATION OF CLIMATE CHANGE MITIGATION MEASURES IN NUTRIENTS RICH DRAINED ORGANIC SOILS IN BALTIC STATES AND FINLAND

WORK PACKAGE

INFORMATION AND DISSEMINATION

(E.1)

ACTIONS

Deliverable title **Short documentary about demo sites and climate
change mitigation measures**

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Authors	A.Mancini, L. Bruniņa, A. Lazdiņš, A. Lagzdiņš, I. Līcīte, K.Sirmā, L.Vārpiņa, K. Puriņa, I. Silamiķele, J. Jauhiainen, P.Makiranta, K.Soosaar, O.Belova, D.Čiuldiene, A.Haberl, J.Peters,
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Organization	Latvian State Forest Research Institute "Silava"
Contact information	Riga street 111, Salaspils, LV-2169 Phone: +37129183320 E-mail: ieva.licite@silava.lv Web address: www.silava.lv
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LIFE OrgBalt compiled the first regional Baltic/Finnish GHG emission factors for managed nutrient-rich organic soils (current and former peatlands), which have been made available for the customary scientific review and further verification for national GHG inventories in the hemiboreal region in Finland and the Baltic countries. While the project analysed selected CCM measures for drained organic soils in agriculture and forestry and developed spatial models and tools, it also identified remaining knowledge gaps. To bridge the remaining limitations and fill the gaps, it is essential to continue GHG measurements and model development, as well as to broaden and complete the scope of the evaluated CCM measures in the after-LIFE-project period, notably by including rewetting and restoration of peatlands that are currently considered to be among the most recommended CCM measures on drained peatlands in the EU. In addition, the developed Simulation and PPC models still include limited macroeconomic considerations and lack an assessment of all environmental impacts. For all these reasons, these models should be used carefully in CCM strategy development for the identification of gaps in climate neutrality transition policy and funding frameworks and need further optimization for broader applicability as decision-making tools.

Short documentaries about demo sites and climate change mitigation measures

Climate change and greenhouse gases, the gases that trap heat in the atmosphere, are an increasingly emerging issue on national agendas. However, the role that drained nutrient-rich organic soils play in reducing greenhouse gas emissions is still insufficiently investigated. LIFE OrgBalt explores the role that nutrient-rich organic soils and sustainable human interventions play in reducing GHG emissions or in enhancing land capacity to reabsorb and store these emissions.

To explain the general aim of the LIFE OrgBalt project, as well its specific objectives and disseminate the results achieved, four short documentaries were developed covering different aspects of the project:

- General overview of the project objectives, expected results and of its added value for the society.
- Focus on GHG emissions from nutrient-rich organic soils, data needed, type of measurements, analysis and obtained results importance for reporting.
- General overview of climate change mitigation measures with a focus on those demonstrated within the project.
- Overview of the achieved project results and added value.

All documentaries are in English with subtitles in all partners' languages (Estonian, Finnish, German, Latvian and Lithuanian), providing expert interviews and informative info-graphics. All project documentaries are available on the [LIFE OrgBalt project webpage](#), [YouTube channel](#), [Facebook page](#) and [Twitter page](#).

[First LIFE OrgBalt short documentary](#) was released in February 2021 introducing the LIFE OrgBalt project, its activities and general topic: research and improved organic soil management can reduce greenhouse gas emissions.



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Main features and messages:

- Intro about the project (What is it about? Aims and objectives, how did we come up with this idea. Why it is important for everyone).
- Main project components explained (general overview of the main concepts of the project – climate change mitigation (CCM), greenhouse gases (GHG), emission factors, measuring parameters, role of demo-sites, types of territories).
- Why are these results useful? What is their added value? Why is it exciting to be on the project, what's the added value of the project for the partners involved and for the whole society?
- What is the added value of the international cooperation/the importance of developing the project within the context of the LIFE programme?

[Second LIFE OrgBalt documentary](#) about GHG emission measurements was released on 2022, focusing on the topic on GHG emissions from nutrient-rich organic soils: what do we know about it and why do we need to do something.



Main features and messages:

- What do we know about nutrient-rich organic soils and GHG emissions?
- Why do we need to make further research in this field?
- Which are the main challenges that the agriculture and forest sectors face concerning GHG emissions?
- What do we plan to measure? (types of territory, measuring parameters, emissions).
- Why are we planning to take these measures?
- How do we plan to take these measures (innovation measuring systems)?
- How do we analyse results? (Kaido – University of Tartu laboratory).

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[Third LIFE OrgBalt documentary](#) was completed by the end of 2023, focusing on the main climate change mitigation measures implemented in the project, role of forest and agriculture land management on organic soils in climate change mitigation, including practical management examples, interviews with the project experts as well as images from some of the project demo sites.



Main features and messages:

- CCM actions – what are they? What’s their role in reducing the sources or enhancing the sinks of greenhouse gases?
- CCM actions – how do we plan to implement these measures and monitor their impact?
- CCM actions – how can they improve land use management?
- The role of demosites – why demosites are important in this project and how did we select them?
- Presentation of the different types of demosites (forest and agricultural sector).
- Important facts about demosites (description, initial land use, final land use, etc.).
- Detailed description of the CCM actions implemented (in different types of land use).
- Description of the importance from an environmental point of view (GHG reduction, increased land quality etc.).
- Description of the importance from a socio-economic point of view (increase in productivity, implementation of new technologies, etc.).
- Comparison of demosites visited in Finland and Latvia.

[Fourth LIFE OrgBalt documentary](#) was released at the end of the Project in 2024, focusing on the project results and achievements, as well as future opportunities.



Main features and messages:

- Which are the main results obtained in the project? Why are they important for the society as a whole?
- Networking opportunities given by the project.
- What's next after the end of the project?
- Which are the actors that were involved in the project?
- What did they gain from the project (capacity building / training / etc.)?
- What is the importance of the project in policy planning?
- Which are the replicability tools/potentials of the project?

The film/broadcasts indicator is measured by number of individuals reached. Indicator value is monitored by gathering number of views of the video on websites and social media channels - digital channels.

By 26/08/2024 4 short documentaries are published on LIFE OrgBalt YouTube channel and website, each in Project 6 language versions with subtitles. The total number of views of the 1st short documentary in digital channels is 325 views, number of views of 2nd short documentary in the digital channels is 215 views and the number of 3rd short documentary in the digital channels is 201. The documentaries on the project's website have also been viewed 51 times. Altogether number of views of the documentaries and video materials in digital channels reached is 792 views.

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Furthermore, **two additional video materials** have been developed within the project:

- 1) short video about installation of the Project notice boards at the project demonstration sites (51 views in digital channels) and
- 2) short retrospective video about the Opening event of the demonstration sites of climate change mitigation measures with the visit to demonstration of controlled drainage and conversion of cropland to grassland in Vecauce (Latvia) parish on 19/05/2022 (31 views in digital channels).

In addition to digital channels documentaries and video materials have been demonstrated in several Project events and events project partners participated with the project dissemination activities – 3 events with total participant number of 61 persons as well as on the first day of the project’s final conference with 77 participants.

The popular national TV broadcast “Environmental facts” (“Vides fakti”) produced a story about the Project, which was broadcasted on 11/06/2022 along with the 2nd project documentary (source: <https://ltv.lsm.lv/lv/raksts/11.06.2022-vides-fakti.id264066>). The audience of each series of the broadcast is 50000 people.



Altogether by 22/08/2024 the project video materials, including the broadcast of “Environmental facts” (“Vides fakti”), have been viewed 51012 times, **which exceeds the planned value of the indicator *Reached audience via social media, TV and project events in Project proposal***.