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Republic of Latvia

LIFE OrgBalt project results for developing coherent climate and environment policy for the land use sector

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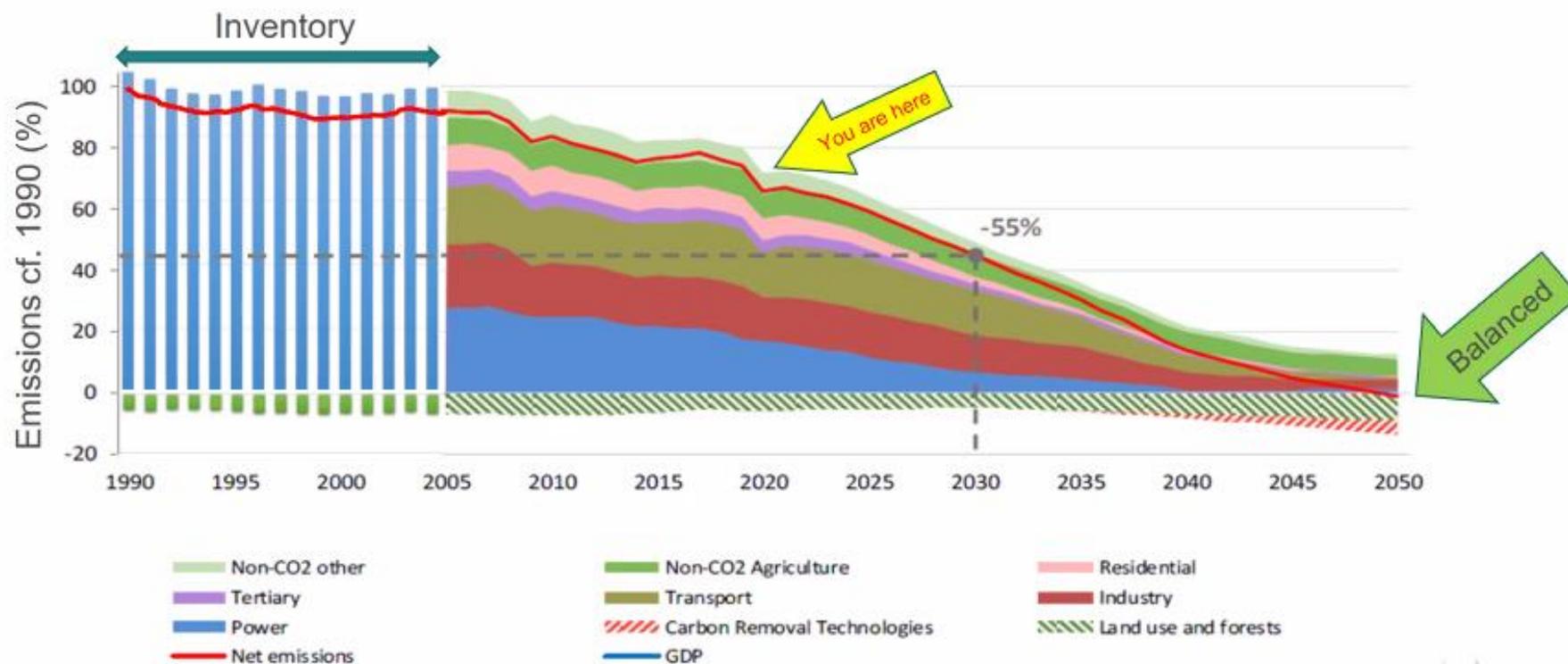
LIFE OrgBalt Final Conference

June 13, 2024



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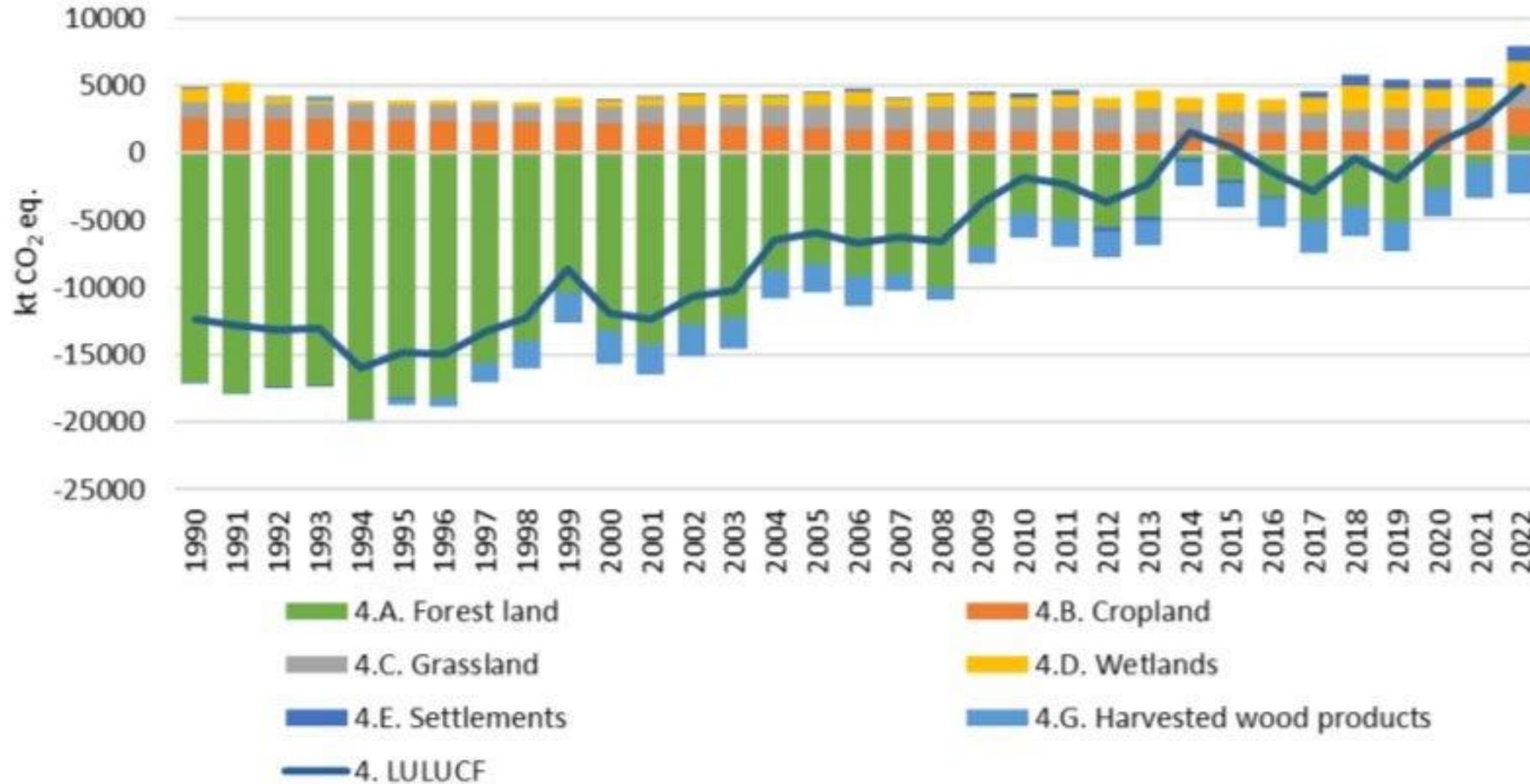
Pathway to climate neutrality





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LULUCF sector emissions in Latvia





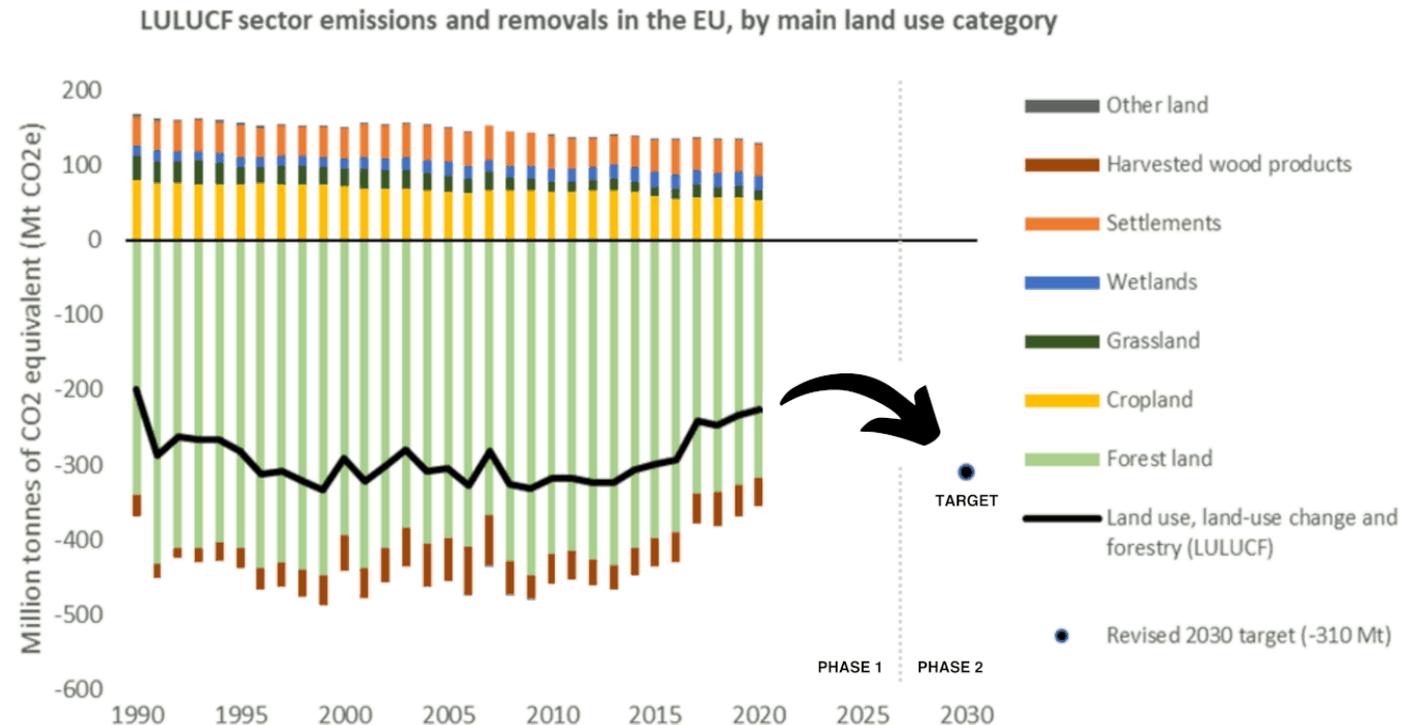
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Two periods and two goals for LULUCF

The revised Regulation consists of two phases:

Phase 1 from 2021 to 2025: For the period from **2021-2025**, the goal of each member state, including Latvia, is to ensure that **GHG emissions in its territory do not exceed the base level of removals**.

Phase 2 from 2026 to 2030: This phase enlarges the territorial scope to cover all managed land and introduces the EU-wide target of **-310 Mt CO₂ equivalent of net removals by 2030**.





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Planned LULUCF measures for Latvia's submission for NECP

Fertilization of the forests on mineral soils (application of mineral fertilizers)

Soil enrichment/fertilization in nutrition poor organic soil forests using wood ash

Improvement of the hydrological regime (drainage) in forests with wet mineral soils

Replacement of unproductive stands

Restoration of wetland forest habitats in organic soils on agricultural land

Afforestation of organic soils where rewetting isn't possible

Afforestation of agricultural mineral soils with lower soil quality

Hedgegrows

Short rotation coppice willow

Group of trees in pastures - agroforestry

Afforestation in the extracted peat fields, including restoration of wetland forest habitats

Use of biochar in arable land from 2029



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Proposed EU initiatives that address organic soils



EU Carbon Removal Certification Regulation



EU Nature Restoration Regulation



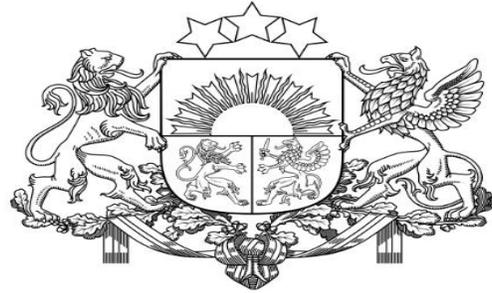
2040 Climate Target



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Conclusions

- Several measures researched by the project have been included in Latvia's NECP to help us to reach LULUCF target for 2030
- Need to update organic soil emission factors in Latvia's NIR, based on the LIFE OrgBalt project results
- We invite the project partner country policy makers consider using LIFE OrgBalt project results when developing their climate change policies
- Data missing for rewetting measures and paludiculture. By submitting project proposal, rewetting measures were not that widely discussed as they are now, therefore, these measures were not included in the project
- Need to continue research on organic soils focusing on continuous emission measurements in typical locations as well as considering rewetting measures



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Thank You!

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