

JRC technical support to GHGI teams during 2022-2023

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11 May 2023 - JRC LULUCF workshop

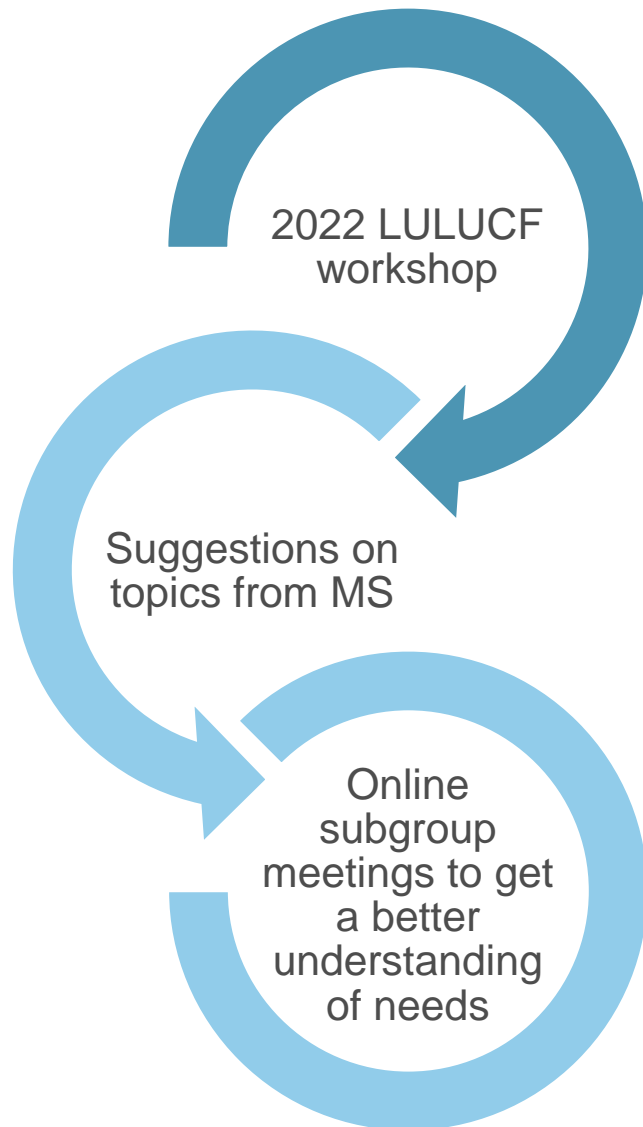
Key objectives

- Improved inventories
 - Regulations 2018/841 and 2018/1999 (and now also 2023/839)
 - Better understanding of needs to improve monitoring under enhanced climate targets
- Enhanced collaboration and co-learning between the Member States
 - Identification of common areas of interest between different MS LULUCF inventories
 - Roundtable meetings to help to know each other, and to discuss problems and their solutions

Setup

- Part of an administrative arrangement between JRC and DG CLIMA
- JRC coordinates, technical assistance by external experts
 - Valentin Bellassen, Emil Cienciala, Aleksi Lehtonen, Martin Herold, Asger Olesen
- Work planned based on the feedback received after 2022 JRC workshop

During 2022



- ✓ 100+% response rate (all 27 MS and CH, IS, NO)
- ✓ All interested in discussing experiences with other GHG inventory teams
 - Many have recent new developments in the GHGI
- ✓ Many interested also in bilateral/multilateral assistance

Main topics of interest:

- C-stock estimations in different reporting categories (especially SOC; also non-forest lands)
- Spatially explicit land use change data
- Better understanding of compliance with 2018/841 and post-2025 policy development
- Modelling and verification: comparison of methodologies (stock-change and gain-loss); uncertainty assessments

(Regional) sub-groups based on topics

- **Group #1: South-East Europe** (Romania, Greece, Bulgaria, Sweden)
 - Reporting of forest biomass, dead wood, mineral soils and land use change reporting.
- **Group #2: East Europe** (Lithuania, Estonia, Iceland, Poland, Slovakia, Slovenia, Hungary)
 - Soil carbon estimates on mineral soils and if needed, organic soils.
- **Group #3: Central-West Europe** (Italy, France, Ireland, Luxembourg, Spain, Belgium, Switzerland, Netherlands)
 - Estimates of soil carbon and forest biomass, and reporting of conversion to settlements.

Bilateral advice on specific questions on advancements with SOC and biomass estimates

- Greece, Bulgaria, Poland, Lithuania

Spring/early summer 2023



1) Moving to higher Tiers

- March 1 & 29: Technical subgroup discussions on **What do Tier 2 and Tier 3 mean for soil carbon estimations?**
- Planned outcome: a short “handbook” as advice for developing SOC estimates



2) Looking forward: future role of GHG inventories on land

- Overview of the evolving policy landscape and arising needs for LULUCF GHG inventories
- How (not) to use new technology for policy-relevant and timely GHG inventories

11-12 May

2023
LULUCF
workshop,
JRC Ispra

Next steps

- Finalization of the FAQ on improved LULUCF inventories
 - Will include also sections on future climate action and how remote sensing can support policy-relevant and timely inventories
 - Feedback welcome until **26 May 2023**
- Possibility for some brief follow-up on the workshop topics on a bilateral basis; contact anu.korosuo@ec.europa.eu by **19 May 2023**
- July 2023: end of the project (with the current setup)
- Suggestions for future support by the JRC?

Thank you



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