

ABOUT US

The PathFinder Project aims to develop and demonstrate an innovative forest monitoring and pathway assessment system allowing consistent EU greenhouse gas reporting of LULUCF (Land Use, Land Use Change & Forestry) in combination with advanced pathway assessments.

The goal is provide policy makers with essential insights assisting in the entire policy cycle, from policy design to implementation and continuous monitoring of forests. The monitoring systems will allow to forecast future forest scenarios and outcomes, thus facilitating trade-off analysis of forest.

SPECIFIC NEEDS

There is a need for coherent and transparent European forest monitoring and reporting systems. Existing models poorly represent the multiple roles that European forests are increasingly asked to play, including climate mitigation, biodiversity protection, and bioeconomic value.

Policy makers do not have sufficient and reliable scientific information to devise policies that ensure optimal mitigation contributions from forests with acceptable trade-off towards effects on biodiversity and bioeconomy.

PARTNERS



Towards an Integrated Consistent European LULUCF Monitoring & Policy Pathway Assessment Framework

OUTCOMES

A common European-wide, continuously operating forest monitoring & pathway assessment framework including LULUCF reporting will be established and proposed to be utilised by both EU-level and national organizations.

A forest management pathway that will lead to common, coherent, and consistent climate policies achieving cost-efficient actions that ensure a societally accepted balance between climate change mitigation, adaptation, biodiversity, and bioeconomy.

Continuously improved information for development of climate and forest policies enabled by a strong and stable long-term community of scientists, policymakers and stakeholders that work towards continued improvement and utilization of both the monitoring systems as well as the developed pathways.

TARGET GROUPS

- EU & national policy makers
- International institutions central to forest monitoring and UNFCCC
- Landowners and managers
- NGOs & the General EU public
- National forest monitoring institutions

IMPACTS

SCIENTIFIC

Significant improvements & contributions to international research frontier (e.g. IPCC or EEA)

An improved understanding of the potential role of Europe's forest management in mitigating climate change while protecting biodiversity and supporting the bioeconomy;

A consistent scientific method that combines field observations from across Europe with high-resolution remote sensing to provide continuous monitoring and reporting;

SOCIO-ECONOMIC

Open and inclusive stakeholder co-design process will lead to increased transparency, and trustworthiness, leading to increased uptake of knowledge by stakeholders & implementation of transformative policies;

An improved societal transition to a climate-neutral and resilient society and economy, enabled through advanced forest monitoring, climate science, pathways, and responses to climate change (mitigation and adaptation);

A better understanding of the climate-ecosystem and human interactions will lead to better management of forest and improved contributions towards SDGs.

CONTACT



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