



ForestNavigator

**DI.2 Interim report
on the meetings with
the Policy Steering
Committee**

Grant Agreement	101056875
Call identifier	HORIZON-CL5-2021-D1-01
Project full title	ForestNavigator: Navigating European forests and forest bioeconomy sustainably to EU climate neutrality
Work package	WP1
Due date	31/10/2024
Deliverable lead	Fulvio Di Fulvio (IIASA)
Authors	Fulvio di Fulvio, Andrey Lessa Derci Augustynczyk, Petr Havlík, Eleonora Tan
Contributors	Julia Bognar, Maximilian Hesselbarth, Alice Ludwig, Barbara Öllerer

Abstract

The ForestNavigator project aids EU and national policymakers by creating policy pathways with medium and long-term climate goals. To ensure its output meets the need of these policy makers, the project engages with key EU and member state stakeholders including policymakers from the national case studies (Ireland, Italy, Sweden, and the Czech Republic) in the Policy Steering Committee. This Committee steers the project relevance by providing updates on policy context, advising on outputs, and offering detailed feedback. Through biannual meetings and newsletters, the PSC members stay informed and provide feedback on project output. This report summarizes PSC meetings and 1:1 collaboration, highlighting their crucial input to the ForestNavigator consortium.

Keywords

ForestNavigator stakeholders, Policy Steering Committee, governance board

Internal Technical Auditor	Name (Beneficiary short name)	Date of approval
Task leader	Fulvio Di Fulvio (IIASA)	22/10/2024
WP leader	Alice Ludvig (BOKU)	22/10/2024
Coordinators	Petr Havlík and Fulvio Di Fulvio (IIASA)	22/10/2024
Project Office	Eleonora Tan (IIASA)	22/10/2024

This report reflects only the author's view, and that the Agency is not responsible for any use that may be made of the information it contains.

Dissemination level

- PU** Public, will be published on CORDIS
- SEN** Sensitive, limited under the conditions of the Grant Agreement

Nature of the deliverable *



R

Table of Contents

1. Introduction	5
2. Exchanges with the Policy Steering Committee	6
2.1. ForestNavigator Kick-off meeting, October 2022, PAB inception meeting	6
2.2. Online PSC meeting, April 2023	8
2.3. Policy updates and PSC feedback, 2023 annual meeting	10
2.4. Policy updates and PSC feedback, 2023 annual meeting	11
2.5. PSC feedback, 2024 annual meeting	13
2.6. PSC engagement in the Forest Policy Modelling Forum	13
2.7. Other PSC contributions to the project	14
3. Conclusion	15
4. Annex	16
4.1. ForestNavigator Kick-Off Meeting, 24-25 October, 2025: Agenda	16
4.2. 2023 ForestNavigator annual meeting, 26-27 September, Agenda	18
4.3. 1 st Forest Policy Modelling Forum Meeting, 18-19 September, 2024: Agenda	20
4.4. ForestNavigator Annual Meeting, 16-17 October, 2024: Agenda	22

List of Tables

Table 1: Policy Steering Committee meeting descriptions	6
---	---

Abbreviations

AFOLU	Agriculture Forestry and Other Land Use
DG CLIMA	Directorate General Climate Action
DG ENV	Directorate General for Environment
EEA	European Environment Agency
EU	European Union
FISE	Forest Information System for Europe
FMF	Forest Monitoring Framework
FPMF	Forest Policy Modelling Forum
LULUCF	Land Use, Land Use Change and Forestry
MS	Member State
NECP/NRP	National Energy and Climate Plan/Nature Restoration Plan
NGO	Non-Governmental Organisations
PI	Principal Investigator
PSC	Policy Steering Committee
WP	Work Package

I. Introduction

The ForestNavigator project supports EU and national policy makers with robust policy pathways aligned with medium (2030) and long-term (2050) climate goals. The [Policy Steering Committee \(PSC\) includes seven members](#) from key EU-level and national authorities / agencies: Directorate General for Climate Action (DG CLIMA), DG for Environment (DG ENV), the European Environment Agency (EEA), and four case study countries (Ireland, Italy, Sweden and the Czech Republic). Members were selected from the ForestNavigator stakeholder database, described in [D1.1 - Report on Stakeholder Mapping](#). Selecting the PSC members among policymakers and agencies ensures that the project benefits from their expertise in governance, leading to more direct policy impact. Their alignment with current policy agenda and access to extensive networks helps the project stay relevant and increases the chances of its results being applied in policymaking at EU and National scales.

The PSC was incepted at the start of the project to ensure ForestNavigator to support the project in achieving its role, by providing:

- a continuous update on the evolution of the policy context at the EU level and in national case studies
- advise to the Consortium to maximise the policy relevance of the project outputs
- feedback on the scenario assumptions, policy options considered, and project results, and provides input to codesign [the ForestNavigator Portal](#), a web-based visualization and engagement interface, which will be launched in 2026.

The PSC members are kept up to date with the work and output of the ForestNavigator partners biannually during the consortium annual meeting and a separate dedicated online meeting, as well as through biannual newsletters with research updates. Brief summarized output is shared ahead of the meetings to maximize PSC members feedback on ForestNavigator output. Occasionally, PSC members are involved to review or provide specific input outside these meetings.

The ForestNavigator project engages additional stakeholders through the Stakeholder Board and Forest Policy Modelling Forum. Through three in person workshops, Stakeholder Board members constituted by actors from various fields (e.g. policy makers, forest owners and managers, business and industries, NGOs and civil society, national policy implementation agencies, environmental and socio-cultural organizations, and researchers) provide feedback on project output. EU and national policy makers as well as modellers working at similar scales engage in the Forest Policy Modelling Forum. These activities are further described in [D1.1 - Report on Stakeholder Mapping](#). The respective reports on these engagement activities will be made publicly available by end of 2024.

This report includes a summary of each of the PSC meetings and documents other engagements with the PSC members.

2. Exchanges with the Policy Steering Committee

The PSC is composed of EU-level and national policy makers and agencies relevant for ForestNavigator. The PSC was formalized in the first quarter of the ForestNavigator project and includes seven members. Throughout the project duration, the project coordinator assesses the welcoming of additional members, an additional member was introduced in July 2023. The Policy Steering Committee meets on a twice annual basis, online or in person, for generally a two-hour meeting. In addition, PSC members were invited to attend the in-person 1st Forest Policy Modelling Forum in 2024. A short description of these meetings is provided in Table 1.

Table 1: Policy Steering Committee attendance at ForestNavigator meeting

Meeting month	Location	Description
October 25, 2022	Laxenburg, Austria (hybrid)	Guided panel discussion on policy context and needs from data and modelling, during the ForestNavigator Kick-Off Meeting
April 17, 2023	Online	Feedback on the forest geodatabase, EU public policy tracker, forest management storylines, and EU Forest Policy Modelling Forum
September 27, 2023	Laxenburg, Austria (hybrid)	Update on forest policy developments and feedback on ForestNavigator output presented during the ForestNavigator 2023 annual meeting
March 20, 2024	Online	Feedback on the Adapt4Model Database, biophysical modeling developments and G4M-X biodiversity modelling, and how ForestNavigator can contribute to support the EU Forest Monitoring Framework
September 18-19, 2024	Brussels, Belgium	1 st Forest Policy Modelling Forum: EU and MS level dialogue between policy makers and modellers on the modelling needs to support forest policy development and evaluation across scales
October 17, 2024	Potsdam, Germany (online)	Policy Steering Committee online session during the ForestNavigator 2024 annual consortium meeting

Source: ForestNavigator WP 1

A short summary of each of these meetings, the feedback of the PSC members, as well as other engagements with PSC members is provided in the next subchapters.

2.1. ForestNavigator Kick-off meeting, October 2022, PSC inception meeting

During the ForestNavigator kick-off meeting, PSC members gave their reflection of the state of the forest policy and emerging challenges at the EU level and two of the ForestNavigator case study countries (Czechia and Ireland), during the opening session of day 2. They also listed key aspects of how ForestNavigator could help the policy dialogue and some recommendations. In addition, Shane Flanagan and Johannes Schuler attended the entire kick-off meeting in person to provide direct input to shape the ForestNavigator output (Agenda is available in Annex 4.1).

A summary of the PSC presentations and their feedback is provided below.

Johannes Schuler (EC, DG CLIMA) underlined the need for accurate and defensible assessments of EU forests sink under climate change impacts, for policies aligned to the LULUCF 2030 target, the 2035 AFOLU climate neutrality goal and the 2050 economy-wide climate neutrality goal, where considering synergies with agriculture, environment, and energy sector.

Johannes stressed that DG CLIMA can benefit greatly from the new ideas and goals from stakeholders (Member States (MS), companies, NGOs, etc.). Most relevant is to provide a broader insight to potential questions, which can influence future assessments for DG CLIMA. Some emerging challenges from a DG-CLIMA perspective are to accurately assess and model climate change impacts on the land sector, better predict consumer behavior and legislation (e.g. resulting in future demands for biomass use), understand the interaction with other policies in agriculture, environment, and energy, and integrate new carbon removal technologies.

Adrián Tišt'an (EC, DG-ENV) discussed pressures on EU forests and the importance of economic, social and environmental forest functions at the core of the new European Forest Strategy for 2030. He raised challenges to obtain EU wide indicators for monitoring the progress in policies, and, the need to concurrently address biodiversity, carbon sequestration, and bioeconomy.

Annemarie Bastrup-Birk (EEA) discussed the role of the EEA to delivering data and knowledge to achieve Europe's vision on climate and environment. She discussed the forest policy context and policy interlinkages between biodiversity and a sustainable circular bioeconomy. She raised the challenge of getting access to high-quality, comparable, high-resolution spatial and temporal data, and the need to prioritize pathways with the largest impacts to reach EU targets. She also pointed out synergies for climate, biodiversity, and circular bioeconomy.

Tomáš Krejzar (Ministry of Agriculture, Czech Republic) presented forest policies in Czechia and the needs of considering forest adaptation, long term wood supply under climate change, and improved indicators for monitoring policy objectives.

Shane Flanagan (Department of Agriculture, Food and the Marine, Ireland) presented Irish forest policies and forest sink evolution, and emerging challenges for the Irish context. He reaffirmed the need for more modelling of afforestation, changes of management, and adaptation to disturbances.

The PSC members strongly supported for ForestNavigator to contribute to the European forest policy adaptation, by making available:

- **Data** necessary to monitor the progress towards policy objectives and protect forests: provide access to comparable, high quality, methodologically consistent, high resolution, timely, and openly accessible EU wide data in areas of forest resilience, forest biodiversity, and socio-economic forest functions.
- Accurate **assessment and modelling of climate change impacts** on the land sector in a standardized approach across Europe, including organic soils emissions and natural disturbances.
- Improved predictions of **consumer behaviour** (e.g. when increases future demand for biomass use).

- **Win-win-win forest management practices** for improving forest biodiversity, maximizing carbon sequestration, while rewarding forest thriving bioeconomy to reverse the worrying trend in forest land sink.
- **Tools for stakeholders** to find solutions for often-conflicting outcomes.
- **Impact assessment synergies**, including actions in the short term and directions in the long term. Support the increased need of pathways for supporting decision-making. Minimize trade-offs and maximize benefits in the pathways and prioritize the ones with largest positive impacts for reaching the targets.

PSC members also recommended to:

- Consider the circular bioeconomy within and outside the EU, consider how to increase the time when carbon is sequestered in wood products and possible payment for ecosystem services.
- Understand the interaction with other policies in agriculture, environment, and energy sectors.
- Integrate in the assessments new carbon removal technologies (e.g. including biochar).
- Create interlinkages with the EEA FISE platform as a tool for supporting decision makers.

2.2. **Online PSC meeting, April 2023**

During this first online meeting in April, 2023, PSC members Annemarie Bastrup-Birk, Tomáš Krejzar, Shane Flanagan, Hillevi Eriksson, and Johannes Schuler provided feedback on ForestNavigator output to date after ForestNavigator co-principal investigator (PI) Fulvio Di Fulvio gave a summary of the project updates and Work Package (WP) leads presented their work on:

- the forest monitoring data and layers to be made available in the first version of the Forest4model Datacube,
- the EU policy tracker,
- the forest management storylines to be considered for ForestNavigator pathways
- the concept of the Forest Policy Modelling Forum (FPMF).

A summary of the presentations and the ensuing discussions is provided next.

Forest4model Datacube was presented by Fulvio Di Fulvio, from IIASA. The consortium aims to fill data gaps for EU-wide forest monitoring and modeling. Data should be consistent across the EU, spatially distributed and high-resolution, timely, comprehensive, and transparent. Main variables include forest area and cover, aboveground biomass, forest age and structure, forest disturbances, biodiversity and ecosystem indicators, national forest monitoring status, GHG forest estimates, annual harvest statistics, and forest management maps.

The PSC provided feedback on critical datasets and needs, including mapping of peatland, tree cover, and identifying live vs dead biomass. As well as approaches for measuring forest disturbances.

More specifically,

- The PSC members confirmed the importance of new methodologies developed by the ForestNavigator team such as stock change methodology being applied by BOKU on NFI statistics, and the modelling approach for differentiating between live and dead biomass.
- The PSC members stressed the importance of triangulating various data sources e.g. remote sensing, statistics, and ground data. And similarly underscored the need to validate modelling efforts with existing datasets (NFI data).
- The team will follow-up with partners to discuss the Patacca et al. (2023) forest disturbance database and peatland mapping information from the ALFAwetlands project.
- ForestNavigator will further discuss the possibility to use Copernicus and CLC+ backbone to develop a forest cover product with associated confidence intervals withing mapping of forest managements in the EU.

The **IEEP policy tracker** was presented by Julia Bognar, from IEEP. This tracker includes a database of EU policies, which covers key interventions that involve the use of forests for climate action and other targets (biodiversity, bioeconomy). The policy tracker provides a high-level summary and some key policy information, including forest-related measures to be implemented. Policies were also classified into a taxonomy. PSC members were asked to identify which policies should be included in which specific section. As a next step, Julia will create policy fiches for ten policies and present these during the first stakeholder workshop to solicit feedback from the consortium, stakeholders, and PSC members to ensure the tracker can respond to the research needs.

Andrey Lessa-Derci-Augustynczik, from IIASA, presented **forest management storylines** to be included in the ForestNavigator pathways. These storylines layout different strategies how we can manage European forests in the context of climate change mitigation and adaptation while considering also biodiversity and bioeconomy goals. The storylines are based on three axes to assess the preferences of forest stewardship orientation: conservation, multifunctionality, and bioeconomy.

ForestNavigator uses storylines in various project tasks including the biophysical modelling of mitigation potentials (WP 3) that informs the most relevant policy scenarios (WP 7 and 8). WP 3 implements bottom-up management strategies focusing on the three stewardships, reflecting possible preferences for European forest resource management. These strategies influence forest dynamics and biophysical mitigation potentials, which are integrated into economic models. In WP 7, forest management storylines explore the trade-offs and synergies across different forest managements and corresponding socio-economic and environmental policy indicators. WP 8 computes policy pathways to identify combination of forest stewardship concepts in line with EU and national policy objectives.

PSC members congratulated the team on the ambitious effort that is essential to complete the trade-off analysis during the project and made the following recommendations:

- Ensure the modelling exercise considers the implementation of EU policies across various countries and complies with national forest management regulations.
- Broaden the understanding of temporal and spatial scale trade-offs within the pathways.
- Incorporate a long-term vision, considering implications up to 200 years.
- Understand the maximum capacity of forestry to absorb carbon.

- Take into account both Nordic and non-Nordic forests, including those in Mediterranean conditions.

ForestNavigator will:

- Model how changing management / forest structure will affect carbon sink in different spatial scales as well as over time.
- Consider differentiating between plantations and natural forest areas when relevant in the case of short rotation forests and consider the land use competitions.
- Try to assess how we can achieve the same sink through alternative options: e.g. increasing the carbon sink in the forests vs. increasing carbon stored in harvested wood products and wood substitution effects.

Forest Policy Modelling Forum (FPMF) Fulvio Di Fulvio presented the concept of the [FPMF](#). Key aims of this Forum are to shorten the policy cycle, identify and discuss forest policy questions relevant to EU and national policy makers, develop consistent forest policy pathways across scales, and enhance EU and national modelling-policy consistency. The PSC members agreed that setting a concrete example that attempts to shorten the long policy cycle is very important. The PSC encouraged ForestNavigator partners to identify the key objectives that will make the forum sustainable beyond the ForestNavigator project lifetime.

From a DG CLIMA perspective extending the FPMF to international countries would be beneficial, as DG CLIMA tries to learn from other countries outside the EU what their modelling approaches are in the international context. International experts from the USA and China involved both in ForestNavigator and in global assessments can be considered to participate in the Forum in the future.

2.3. Policy updates and PSC feedback, 2023 annual meeting

On day 2 of the annual ForestNavigator consortium meeting (agenda in Section 4.2), PSC members gave an update on important forestry policy developments at the EU level, and in two of the ForestNavigator case study countries Ireland and Sweden. PSC members received key presentations and output in advance of the annual meeting so that they could provide detailed feedback for ForestNavigator output. Adrian Tišt'an attended day 2 of the consortium meeting in person. A summary of their presentations and additional feedback provided during the PSC session is provided below.

Adrian Tišt'an (DG-ENV) highlighted the EU Biodiversity Strategy for 2030, and the accompanying Guidelines for implementation that have been published in 2023, as well as the EU Forest Strategy for 2030. Adrian presented more in detail the EC Close to Nature Guidelines and the Close to Nature Management Toolbox by different EU regions. He emphasized the move towards multifunctionality and closer to nature forest management. He has also provided an update on the EU forest monitoring law objectives, still under approval.

Nicolas Robert (EEA) complemented the update of EU level policies, focusing on the less discussed policies such as the Circular Economy Action Plan and the EU Sustainable Finance Strategy. He also presented tools developed at EEA that may help to align forest information in the future.

Shane Flanagan (Department of Agriculture, Food and the Marine, Ireland) discussed highlights from the 2023 expanded Irish Forestry Programme. The Programme expands forestry premiums to stimulate afforestation, native forests, including broadleaves targets and emphasizes continuous cover forestry. Hed discussed factors due to competing with climate change targets (including competition with agricultural sector) that make it very challenging to achieve the legally binding targets in Ireland by 2050 due to increasing forests emissions trends.

Hillevi Eriksson (Forestry Agency, Sweden) discussed the changing policy environment in Sweden, however, there is an increased focus on actions such as rewetting for climate mitigation. She reports on declines in support for climate change policies, such as a pause in obligations to increase national biofuels targets or biodiversity protection areas.

In addition to the feedback provided throughout the annual meeting, PSC members provided detailed feedback on the forest management storylines, the role of the circular bioeconomy, and the forest management map.

PSC members highlighted the importance of the **forest management storylines**, the role of the bioeconomy and forest management maps. PSC members emphasized the importance of aligning the various storylines with the EU Forest Strategy and EU policy goals such as the revised EU LULUCF Regulation targets, as well as national obligations. Further emphasis was put on the need to balance various elements of the storylines, including the wood substitution effects, climate adaptation, ecosystem services, and the bioeconomy, to meet EU policy goals and targets. Given that targets are to be achieved at the national level, assessments of storylines should be conducted at this level to address and highlight specific needs.

Members of the PSC stressed importance of the **circular bioeconomy** in the ForestNavigator and addressing various climate targets. Bioeconomy plays an important role in reducing pressures on forests. Managing forests in a more sustainable manner might yield positive results for both climate (i.e. carbon) and biodiversity. The consortium will consider future wood substitution effects and the benefits for the forest sector, energy sources, and biodiversity. Many important questions were raised, including how the EU forests can contribute to the sustainable transition of society and how payments for ecosystem services could support the transition. The PSC members and consortium partners discussed specifically the circular bioeconomy, which is considered a means of reducing consumption and promoting more sustainable practices in the bio-based sector.

The ForestNavigator project uses the **forest management maps** to calibrate the current status of management in large scale models. PSC members commented that the forest management maps may also be valuable to use as an indicator for the future EU forest monitoring system. Questions arose about refining forest management classes, improving resolution, and understanding the data layers used to refine forest management. The distinction between industrial plantations and intensively managed semi-natural forests was also raised, and it was noted that the information should remain useful for assessing management sustainability.

2.4. Policy updates and PSC feedback, 2024 online meeting

ForestNavigator researchers provided updates on the Adapt4Model database, biophysical modeling developments, and G4M-X biodiversity modelling. Six members of the PSC (Hillevi Eriksson, Shane Flanagan, Tomáš Krejzar, Enrico Pompei, Nicolas Robert, and Johannes Schuler)

provided detailed feedback on this work and discussed how ForestNavigator could contribute to support the Forest Monitoring Framework legislation currently under development.

Fulvio Di Fulvio, from IIASA, introduced the Adapt4Model database, which encompasses a systematic collection of current and alternative forest management system for main tree species across Europe. During the discussion, Hillevi Eriksson emphasized the need for measures to mitigate climate change risks and its associated costs and highlighted the potential of genetic improvement and biological methods for species protection. Shane Flanagan and Enrico Pompei highlighted management adaptation specific needs in Ireland and Italy. Tomáš Krejzar emphasized the lack of clear and consistent forest management systems definitions across Europe. Nicolas Robert noted altitude-based forest management variations and the additional complexities managing multifunctional forests located in the vicinity of cities, which face competing interests (e.g. climate goals and recreation) and suggested to explore also that in the database.

Andrey Lessa, from IIASA, presented biophysical model enhancements, incorporating features such as photosynthesis modeling, mortality routines, management, and natural disturbance modules. He discussed the impact of climate change on forest growth, disturbance from windthrow and bark beetle infestations and its early results, as well as geographical variation in climate impacts. Furthermore, he examined the future impact of bark beetle damage, providing valuable insights into forest management strategies in response to evolving environmental challenges. PSC members discussed the results, the importance of understanding the overall impact of climate change vs the impact of increased temperature (global warming) and commented on the use of the 2018 drought experience to improve the models further.

“Remarkable big piece of work with so many different inputs presented together in a coherent way”, Nicolas Robert

Maximilian Hesselbarth, from IIASA, showed G4M-X biodiversity modelling plans and recently completed BIOCLIMA project results, which showed important interaction between climate mitigation and biodiversity. A key result was the joint consideration of biodiversity and climate policies increases synergies. The ForestNavigator project will expand on this work by including more detailed forest structural variables. Maximilian presented details of the Species Distribution Models modelling framework, which ForestNavigator will use to estimate the biodiversity outcomes in the EU member states. PSC members discussed the country variations in data availability and existing spatial bias in the input data.

Julia Bognar, from IEEP, presented early findings of a coherence assessment aimed at understanding conflicts in policies between Member States (MS) and between MS and the EU including the Forest Monitoring Framework (FMF). She highlighted synergies between the FMF and various regulations including the LULUCF Regulation, Renewable Energy Directive, Nature Restoration Law, and Carbon Removal Certification Framework, emphasizing opportunities for alignment with the 2030 policy framework and National Energy and Climate Plan/Nature Restoration Plan (NECP/NRP) requirements. Julia outlined how FMF proposed indicators such as removals, disturbances, biomass metrics, and biodiversity measures can be aligned with NECP/NRP requirements, highlighting ForestNavigator real-time updates to support strategic planning and assess progress towards national and EU targets. Johannes Schuler stressed the need for ‘improvements towards the yearly updates in the LULUCF sector reporting in order to get more sensitive in the short / medium term models projections.’ And highlighted the complex but important contribution of the ForestNavigator to provide yearly data updates for monitoring progress towards policy targets.

2.5. PSC feedback, 2024 annual meeting

Tomáš Krejzar (Ministry of Agriculture, Czech Republic) gave an update on important forestry policy developments in the Czech forest sector on day 2 of the annual ForestNavigator consortium meeting (agenda in Section 4.4). Czechia temporarily simplified some provisions of the forest act, which proved to be efficient to support forest adaptation and address the drought and bark beetle effects. A proposal to make these simplifications permanent has been submitted. Tomáš Krejzar also highlighted the game management act, which aims to strengthen the role of forest owners and state administration to support natural tree regeneration and a new national wood policy, which aims to refocus its existing timber wood use to prioritize efficient wood use and increase wood use in constructions by 2035 to capture more carbon. Further work is ongoing to develop a new payment scheme for forest ecosystem services policies and implementing the nature restoration law.

Mr. Krejzar further stressed the relevance of the ForestNavigator work for national and EU planning, particularly the biodiversity modelling and its focus on biodiversity indicators, research that to forecast disturbances, and assessing the trajectories of sustainable supply of biomass.

The PSC meeting was shorter than previous years because of the large involvement and feedback provided by PSC members during the FPMF meeting a month earlier (see following subchapter). A longer online meeting is planned for Spring 2025.

2.6. PSC engagement in the Forest Policy Modelling Forum

Several PSC members, particular from the European Commission Directorate General Climate Action were involved in the design and formation of the [Forest Policy Modelling Forum \(FPMF\)](#) and attended the 1st FPMF meeting in person. The aims and objectives of the FPMF were detailed and consolidated with the help of PSC members during the 2023 preparatory meeting and bilaterally. The 1st FPMF was held on September 18-19, when we invited modelling experts to present to policy makers an overview of their forest models, how forest policies are represented, as well as current use and limitation of the models (Agenda Section 4.3). This facilitated a meaningful dialogue in discussions on model needs between modellers and policymakers. Five of the PSC members participated in person during the 1st FPMF meeting, Johannes Schuler, Adrian Tišťan, Nicolas Robert, Shane Flanagan, Tomáš Krejzar.

Forest Policy Modelling Forum

Forests and the forest sector are key to achieve EU goals in the areas of climate, biodiversity, and bioeconomy. To shape and evaluate forest-related policies, both the European Commission and national governments rely on ex-ante model-based assessments. Achieving consistent and effective policy pathways across Member States (MS) and between the EU and MS requires a shared understanding of the policies and their consistent representation in the models.

The Forest Policy Modelling Forum (FPMF) provides a **platform for dialogue** between policy makers and modellers from both the EU and MS levels on the **modelling needs** essential to support forest policy development and evaluation across the EU.

Presentations by PSC members included

- Climate Policy developments and possible model improvements, by Johannes Schuler
- Role of modelling in Irish Forest Policy, by Shane Flanagan
- Restoration of forest ecosystems and related modelling needs, by Tomáš Krejzar
- Forest-related impact assessments used for national policies, and the role of models? - the Sweden example, presented by Tord Snäll co-authored by PSC member Hillevi Eriksen.

Through the FPMF, the ForestNavigator project expands its reach and dialogue across policy makers outside the PSC, which enhances our ability to make results policy relevant. During the 1st FPMF, overall 52 people participated including from DGs CLIMA, Agriculture and Rural Development (AGRI), Environment (ENV), Energy (ENER), and Research and Innovation (RTD), Joint Research Centre and the EEA. National modelling experts from 10 countries, and policy makers from Czech Republic, Ireland, Finland, Austria, and Slovakia.

A detailed overview of the Stakeholder Board and Forest Policy Modelling Forum will be included in D1.3 ‘Interim report on the stakeholder’s dialogue’ and D1.4 ‘Interim report on the Forest Policy Modelling Forum’, forthcoming end of 2024.

2.7. Other PSC contributions to the project

The feedback and comments provided by PSC members is not limited to the meetings above. Individual members of the PSC provided their expertise to various ForestNavigator output outside the PSC meetings.

Nicolas Robert reviewed a **draft survey on cultural services**, put together by ENEA, which aims to capture European citizen’s willingness to economically support forest owners in reshaping their current forest management practices to better balance the supply of all forest ecosystem services and comply with European policy targets. This survey results will be analyzed and made publicly available in D4.6 ‘Report on recreational and cultural value of EU forests under alternative management options’ and will serve as an input for other WP.

ForestNavigator Stakeholder Board

Composed of over 20 members of five stakeholder categories (policymakers and agencies, scientific experts, NGOs, forest owners and managers, and business and industries), the Stakeholder Board engages shares insights that reflect their diverse perspectives and expertise during thematic workshops. These interactions provide the space to discuss challenges and opportunities faced by each stakeholder category, ultimately informing the Consortium for key output.

Members of the PSC also **contributed to the Stakeholder Board workshops** providing updates from the policy maker’s perspective. During the first ForestNavigator workshop in June 2023, Johannes Schuler, DG CLIMA, helped engage with forestry stakeholders providing a keynote speech on EU forest policy needs and anticipated policy relevance of ForestNavigator outputs. A summary of the workshop is available here: <https://www.forestnavigator.eu/wp-content/uploads/1st-Stakeholder-Workshop-June-2023.pdf>

On September 17th, Adrian Tištan and Nicolas Robert gave presentations updating the Stakeholder Board participants on EU forest-related policies, including the Forest Strategy for 2030, and Forest

Information System for Europe (FISE). A summary of the workshop will be available on the ForestNavigator workshop later this year.

3. Conclusion and next steps

PSC members provided detailed feedback and valuable resources during biannual PSC meetings and beyond. Suggestions for alternative data and other input were used by ForestNavigator partners to improve the output of the project. Their input specifically benefited the Adapt4Model Database and were key to shaping of the Forest Policy Modelling Forum. Ultimately, their contributions help ForestNavigator to design reconciled pathways towards EU policy objectives to best serve EU and national policy makers.

ForestNavigator partners will continue to meet with the PSC members on a biannual basis, the PSC will be involved in the Forest Policy Modelling Forum activities and in person meetings, engagement with other stakeholders, and, ad hoc where needed to ensure that ForestNavigator output meets policy makers' needs. ForestNavigator coordinator will make sure the PSC members include the most pertinent EU and case study level policy makers. During the project duration we continue to identify adding new relevant members and formalize these relationships, as the intention to join the PSC recently signaled by the EC DG-AGRI.

4. Annex

4.1. ForestNavigator Kick-Off Meeting, 24-25 October, 2025: Agenda

CET **Monday, October 24th, 2022**

10:15 – 10:55 **Welcome by the IIASA Director General**

Albert van Jaarsveld, IIASA

Opening of the meeting

Petr Havlík, IIASA

Overview of the ForestNavigator project and the first year

Fulvio Di Fulvio, IIASA

10:55 – 11:10

Tea & Coffee Break in Gvishiani Room

11:10 –12:00 **ForestNavigator partners ‘tour de table’**

12:00 –12:30 **Presentation from the Project Officer**

EC Context, requirements, and expectations

A. Zocchi, Project Advisor, CINEA, EC

12:30 – 13:00 **Keynote: EU climate policy context**

Chair: *Petr Havlík, IIASA*

EU climate policy targets and the role of EU forests in the climate action

Johannes Schuler, DG-CLIMA, EC

13:00 – 13:10

Group Photo

13:10 – 14:00

Sandwich lunch in Gvishiani Room

14:00 – 14:50 **Keynotes: EU in the global context**

Chair: *Andrey Lessa, IIASA*

US and China forest pathways modelling in a changing policy context

Justin Baker, NCSU

Jinfeng Chang, ZJU

Hancheng Dai, PKU

Ana Korosuo, JRC

14:50 – 15:30 **WP Presentations – Policy Pathways**

WP1: Stakeholder dialogue

Alice Ludvig, BOKU

WP7: Exploratory scenarios on the role of EU forests in carbon neutrality

Andrey Lessa, IIASA

15:30 – 15:50

Tea & Coffee Break

15:50 – 16:40 **WP Presentations – Policy Pathways**

WP8: Policy pathways and their implementation

Julia Bognar, IEEP

WP9: ForestNavigator Portal and its conceptualization

Quentin Lejeune, CA

16:40 – 17:20 **WP Presentations – Dissemination and Management**

WP10: Outreach and dissemination

Sophie Rau, ARTTIC

WP11: Coordination and management

Sophie Rau, ARTTIC and Ellen Tan, IIASA

17:20 – 17:40 Summary and Wrap-up Day 1
Petr Havlik and Fulvio Di Fulvio, IIASA

CET Tuesday, October 25th, 2022

09:15 – 10:15 Policy Steering Committee, guided panel discussion on policy context and needs from data and modelling

Johannes Schuler, DG-CLIMA, EC

Adrian Tišťan, DG-ENV, EC

Annemarie Bastrup-Birk, EEA

Tomáš Krejzar, Ministry of Agriculture, Czech Republic

Shane Flanagan, Department of Agriculture, Food and the Marine, Ireland

10:15 – 10:35 WP Presentations – Data and modelling toolbox

WP 2 – Data fusion for monitoring and modelling of forest carbon and biodiversity

Martin Herold, GFZ

10:35 – 11:00 Tea & Coffee Break

11:00 – 11:45 WP Presentations – Data

WP 3 – Forest management, climate change, and disturbances

Manfred Lexer, BOKU

WP 4 – Biodiversity and ecosystem services

Jonas Schwaab, ETH

11:45 – 12:30 WP Presentations – Data and modelling toolbox

WP 5 – Harvested wood products and bioeconomy

Elias Hurmekoski, UHE

WP 6 – Policy Modelling Toolbox

Alessia De Vita, E3M

12:30 – 13:45 Lunch in the IIASA Schloss Restaurant

13:45 – 15:00 Interactive parallel workshops – *Discussion of key topics, inputs needed*

Wodak Room

Data Needs and Forest Models Interfacing

Chair: Andrey Lessa, IIASA

- Data needs for forest modelling
- Current data availability
- Data preparation hubs

Raiffa Room

ForestNavigator Platform

Chair: Quentine Lejeune, CA

- Stakeholder Dialogue
- Policy Modelling Forum
- Portal Design

15:00 – 15:30 Tea & Coffee Break

15:30 – 16:00	<p>Synergies with other Horizon Europe projects Chair: <i>Fulvio Di Fulvio, IIASA</i></p> <p>PathFinder – <i>Rasmus Astrup, NIBIO</i></p> <p>ForestPaths – <i>Hans Verkerk, EFI</i></p>
16:00 – 16:30	<p>Summary and Next Steps <i>Fulvio Di Fulvio & Andrey Lessa, IIASA</i></p> <p>Closing remarks <i>Petr Havlík, IIASA</i></p>
16:40 – 17:15	<p>Executive Board Meeting (WP leads) Raiffa room</p>

4.2. 2023 ForestNavigator annual meeting, 26-27 September, Agenda

TUESDAY SEPTEMBER 26, 2023	
TIME	ITEM
9:00-9:20 Wodak Room	<p>Welcome back to IIASA</p> <ul style="list-style-type: none"> • Logic of the agenda (celebrate what has been achieved and discuss ongoing work and methodological challenges) • ForestNavigator expansion – tour de table <p><i>Petr Havlík and Fulvio Di Fulvio, IIASA</i></p>
9:20-10:30 Wodak Room	<p>First Year: Celebrating key achievements and work in progress</p> <ul style="list-style-type: none"> • D1.1 Stakeholder mapping report and work – <i>Barbara Öllerer, BOKU</i> • Workshop 1 – <i>Burcu Yesil, CA</i> • D9.1 FN Portal concept and current status – <i>Andrey Lessa, IIASA</i> • Brief update on work in progress: <ul style="list-style-type: none"> ○ WP 3: <i>Manfred Lexer, BOKU and Andrey Krasovsky, IIASA</i> ○ WP 4: <i>Maximillian Hesselbarth, IIASA and Meri Rätty, LMU</i> ○ WP 5: <i>Elias Hurmekoski, UHE</i> ○ WP 6: <i>Andrey Lessa</i> • Reporting back from the Forest PMF – <i>Fulvio Di Fulvio</i>
10:30-10:50	Tea & Coffee Break in Gvishiani Room
10:50-11:50 Wodak Room	<p>WP 2 Data fusion for monitoring and modelling of forest carbon and biodiversity</p> <ul style="list-style-type: none"> • Achievements: Newly available data maps and key messages • Next steps <p><i>Martin Herold, GFZ and Karl-Heinz Erb, BOKU</i></p> <p>Aim during the GA: Share updates and findings and get input on the data output</p>
11:50-12:50	Lunch in Gvishiani Room
12:50-14:00 Wodak	<p>Forest management storylines</p> <ul style="list-style-type: none"> • Discuss the use of the storylines in modelling • Present the consolidated version of storylines: specific goals and measures

Room	<ul style="list-style-type: none"> Collect feedback for further detailing the storylines <p><i>Fulvio Di Fulvio and Andrey Lessa, IIASA</i></p> <p>Aim during the GA: create a shared understanding on how the storylines will be included in the modelling work. Get more feedback from the PSC on the consolidated storylines, prep for webinars on how to update the stakeholders and get more feedback from them.</p>
14:00-14:15	Stretch your legs Coffee break
14:15-15:15 Wodak Room	<p>Breakout 1.1: T.3.2 Multi-model comparison of forest dynamics (D3.2)</p> <p><i>Andrey Lessa IIASA, Manfred Lexer BOKU</i></p> <p>Aim during the GA: Compare model simulation outputs from WP3 at the regional boundaries of each model's simulation domain and delineate strategies to increase consistency towards G4M-X calibration (T3.2).</p>
Gvishiani Room	<p>Breakout 1.2: Biomass demand trajectories for energy and materials (D5.1)</p> <p><i>Elias Hurmekoski, UHE</i></p> <p>Aim during the GA: Make sure we align the energy and materials demands, get input / align work from E3M and Wageningen.</p>
Raiffa Room	<p>Breakout 1.3: Task 2.2 Triangulation of NFI and satellite/other data streams</p> <p><i>Karl-Heinz Erb, BOKU</i></p> <p>Aim during the GA: Discuss the triangulation methods and how this is implemented. Identify additional data needs. Topic area: Census area vs remote sensing area. Harvesting statistics vs area change vs disturbance</p>
15:30 – 16:40 Wodak Room	<p>Breakout 2.1: Policy modelling toolbox conceptualization</p> <p><i>Andrey Lessa, IIASA</i></p> <p>Aim during the GA: Get more feedback from the GA members on the deliverable and sections of the outline.</p>
15:30 – 16:30 Gvishiani Room	<p>Breakout 2.2: WP 1 stakeholder engagement follow-up activities</p> <p><i>Inga Menke, CA</i></p> <ul style="list-style-type: none"> ForestNavigator Portal Valuation of Ecosystem Services <p>Aim during the GA: Determine follow-up steps for communication or feedback with the stakeholders</p>

WEDNESDAY SEPTEMBER 27, 2023

TIME	ITEM
9:00–9:30	Reporting on day 1 breakouts
9:30-10:45	<p>Dataset of alternative forest management systems and their featuring in models (D3.1)</p> <ul style="list-style-type: none"> Present the state of FMs database

	<ul style="list-style-type: none"> • Discuss applications of FMs in modelling • Discuss further consolidation of the database <p><i>Fulvio Di Fulvio, IIASA</i></p> <p>Aim during the GA: Get feedback from the GA members on the deliverable and sections of the outline.</p>
10:45-11:15	Tea & Coffee Break in Gvishiani Room
11:15-12:15 Wodak Room	<p>Breakout 3.1: Alignment of G4M-X and Earth System Models (D4.3)</p> <p><i>Jonas Schwaab ETH, Meri Rätty LMU</i></p> <p>Aim during the GA: How to best use the detailed G4M-X information in the ESMs - revisiting the concepts and practical implementation</p>
Gvishiani Room	<p>Breakout 3.2: FN Portal data presentation</p> <p><i>Quentin Lejeune, CA</i></p> <p>Aim during the GA: Discuss how data (WP2 and others) will be presented into the Portal</p>
12:15-13:20	Lunch in the IIASA Schloss Restaurant
13:30-14:30	<p>Joint ForestNavigator, ForestPaths, and PathFinder presentations</p> <ul style="list-style-type: none"> • Individual project progress highlights • Cross project planned activities <p><i>Fulvio Di Fulvio (IIASA), Hans Verkerk (EFI) and Johannes Breidenbach (NIBIO)</i></p>
14:30-15:00	<p>Dissemination updates and activities</p> <p><i>Sophie Rau, ARTTIC</i></p>
15:00-15:15 Gvishiani Room	Tea & Coffee Break
15:15-16:45 Wodak room	<p>Policy Steering Committee</p> <ul style="list-style-type: none"> • Updates on EU and National policies • Feedback on the FN project advancements <p><i>Johannes Schuler (EC DG-CLIMA), Adrián Tištan (EC DG-ENV), Nicolas Robert (EEA), Tomáš Krejzar (Czech R.), Shane Flanagan (Ireland), Hillevi Eriksson (Sweden)</i></p>
16:45-17:00 Wodak room	<p>Reporting from day 2 break outs and wrapping up</p> <ul style="list-style-type: none"> • Reporting • Second year deliverables and milestones <p><i>Fulvio Di Fulvio, IIASA</i></p>

4.3. 1st Forest Policy Modelling Forum Meeting, 18-19 September, 2024: Agenda

WEDNESDAY, 18 SEPTEMBER 2024

Timing	Session
Introduction (9:00-11:00)	<p>1) Welcome and Tour de table Christian Holzleitner DG-CLIMA & Petr Havlík IIASA - 9:00-9:30</p> <p>2) Introduction to the FPMF and its objectives Petr Havlík IIASA & Johannes Schuler DG-CLIMA - 9:30-10:00</p> <p>3) How are forest-related impact assessments used for EU and national policies? What is the role of models? [input by policy makers] Johannes Schuler DG-CLIMA, Shane Flanagan Department of Agriculture Ireland, Tord Snäll & Hillevi Eriksson, SLU & Swedish Forest Agency - 10:00-11:00</p>
Coffee Break	11:00-11:30
Forest Policy and Modelling (11:30 – 12:30)	<p>4) Opportunities and challenges in using models in forest-related policy support [input by modelling experts] Anu Korosuo JRC, Fulvio Di Fulvio IIASA - 11:30-12:30</p>
12.30 – 13:30	Lunch at Sofitel
Carbon (13:30 – 15:20)	<p>5) Carbon representation and climate mitigation policy implementation in EU and national models [input by modelling experts] Andre Deppermann & Mykola Gusti IIASA, Emil Cienciala IFR Czech Rep., Kevin Black FERS Ireland - 13:30-14:15</p> <p>6) Panel presentations: climate policy developments entailing model improvements [input by policy makers] Johannes Schuler DG-CLIMA, Jurij Krajčič DG-CLIMA, Tuomo Kalliokoski Ministry of Environment Finland - 14:15-15:00</p> <p>7) Panel discussion Moderator: Viorel Blujdea JRC - 15:00-15:20</p>
Coffee Break	15:20 – 15:40
Biodiversity (15:40-17:00)	<p>8) Biodiversity representation and conservation policy implementation in EU and national models [input by modelling experts] Petr Havlík IIASA, Tord Snäll SLU - 15:40-16:10</p> <p>9) Panel presentations: Biodiversity conservation policies developments entailing model improvements [input by policy makers] Florian Claeys DG-ENV, Tomáš Krejzar Ministry of Agriculture Czech Republic - 16:10-16:40</p> <p>10) Panel discussion Moderator: Fulvio Di Fulvio IIASA - 16:40-17:00</p>
Bioeconomy (17:00-18:30)	<p>11) Bioeconomy representation in EU and national models and implications for biodiversity and climate policies [input by modelling experts] Sarah Mubareka JRC, Willem-Jan van Zeist WUR - 17:00-17:30</p> <p>12) Panel presentations: bioeconomy policy developments entailing model improvements [input by policy makers] Adrian Leip DG-RTD, Biljana Kulisic DG-ENE, Jakub Linda Ministry of Environment Slovakia - 17:30-18:10</p>

Timing	Session
	<p>13) Panel discussion Moderator: Petr Havlík IIASA - 18:10-18:30</p>

THURSDAY, 19 SEPTEMBER 2024

Timing	Session
8:30-9:00	Arrival at Sofitel
FPMF model advancement (9:00-11:15)	<p>14) Update on EU and national model developments exploitable for policy support [input by modelling experts] Andrey Lessa IIASA, Mart-Jan Schelhaas WUR, Viorel Blujdea JRC, Mikko Peltoniemi LUKE, Clara Anton Fernandez NIBIO, Tomke Honkomp TI - 9:00-10:30</p> <p>15) Enhancing consistency between National and EU models in the context of climate mitigation policies – Preliminary results of a multi-model exercise [input by modelling experts] Andrey Lessa IIASA - 10:30-11:00</p> <p>16) Web Portal infrastructure at service of the FPMF Fulvio Di Fulvio IIASA - 11:00-11:15</p>
Coffee break	11:15-11:40
The way forward (11:40-13:00)	<p>17) Panel discussion: looking back thinking forward [input by policy makers and modelling experts] Simon Kay, Jesus-Maria Alquezar-Sabadie DG-ENV, Sarah Mubareka (JRC), Tomáš Krejzar, Ministry of Agriculture, Czech Rep, Roberto Pilli Moderator: Petr Havlík IIASA 11:40-12:30</p> <p>18) Forest Policy Modelling Forum – Next steps: who is missing at the table, feedback on the agenda, next meeting suggestions, frequency of meetings, funding opportunities Johannes Schuler DG-CLIMA, Petr Havlík, Andrey Lessa, Fulvio Di Fulvio IIASA 12:30-13:00</p>

4.4. ForestNavigator Annual Meeting, 16-17 October, 2024: Agenda

WEDNESDAY OCTOBER 16, 2024	
TIME	ITEM
8:30 – 9:00	Arrival at WIS
9:00-9:40	<p>Welcome by GFZ</p> <ul style="list-style-type: none"> Welcome by Martin Herold <p>Overview / aims by Petr and Fulvio</p> <ul style="list-style-type: none"> Opening and learning from first periodic review

	<ul style="list-style-type: none"> • Logic of the agenda (celebrate what has been achieved and discuss ongoing work and methodological challenges) • ForestNavigator expansion – tour de table <p><i>Petr Havlík and Fulvio Di Fulvio, IIASA</i></p>
9:40-11:00	<p>Second Year: Celebrating key achievements and work in progress</p> <ul style="list-style-type: none"> • Stakeholder workshop 2 – <i>Barbara Öllerer, BOKU</i> • FPMF – <i>Fulvio Di Fulvio & Andrey Lessa, IIASA</i> • D3.2 Prototype of EU forest meta model sensitive to climate change and disturbances – <i>Andre Nakhavali, IIASA</i> • D4.1 Report on the alignment of biodiversity modelling and forest structural variables – <i>Max Hesselbarth, IIASA</i> (+ progress on D4.3 – The advanced iBIS biodiversity hierarchical modelling framework) • D5.1 Report on biomass demand trajectories for energy and materials – <i>Elias Hurmekoski, UHE</i> • Brief update on work in progress: <ul style="list-style-type: none"> ○ WP 4: <i>Meri Rätty, LMU</i> ○ WP 4: <i>Questionnaire recreational and cultural value: Melania Michetti, ENEA</i> ○ WP 8: <i>Julia Bognar, IEEP</i> ○ WP 9: <i>Kanwal Singh, CA</i>
11:00-11:30	<p>Tea & Coffee Break / front floor</p>
11:30-12:15	<p>WP 5 Highlights of D5.2 and D5.3</p> <p><i>Jing Yang, UHE and Sebastian Rüter, TI</i></p> <ul style="list-style-type: none"> • D5.2 – Report on HWP contribution potentials to EU forest sector mitigation • D5.3 – Report on substitution potentials and impacts of wood use in the EU
12:15-13:30	<p>Group photo + Lunch</p>
13:30 – 14:00	<p>WP 6 - ForestNavigator Policy Modelling Toolbox</p> <p><i>Andrey Lessa, IIASA</i></p> <ul style="list-style-type: none"> • Updates on the Toolbox (D6.1 – the Integrated Policy Modelling Toolbox conceptualization)
14:00-15:00	<p>Breakout 1.A: D2.4 initial discussion on current workflows and methods applied for GHG reporting</p> <p><i>Martin Herold, GFZ</i></p> <ul style="list-style-type: none"> • First meeting with country representatives to discuss workflows and methods for GHG reporting
14:00-15:00	<p>Breakout 1.B: Stakeholder workshop report</p> <p><i>Barbara Öllerer, BOKU</i></p> <ul style="list-style-type: none"> • Discuss any outstanding questions related to the WS 2 minutes • Discuss the draft workshop report and and next steps to finalize D1.2 (Dec '25)
15:00-15:30	<p>Coffee break</p>
15:30-16:15	<p>WP 11 - Coordination with other projects</p> <p><i>Fulvio Di Fulvio, IIASA, Martin Herold, GFZ</i></p>

	<p>Highlight collaboration activities related to the following themes:</p> <ul style="list-style-type: none"> • Data – Martin, Elias • Modelling – Fulvio & Andrey Lessa • Stakeholder engagement - Barbara • Dissemination/Communication – Sophie
16:15-17:00	<p>Exploitation plan</p> <p><i>Sophie Rau, AI</i></p> <ul style="list-style-type: none"> • D10.7 (D10.3)
17:00-17:30	<p>Reporting on day 1 breakouts</p>

THURSDAY OCTOBER 17, 2023	
TIME	ITEM
8:30 – 8:45	Arrival at WIS
8:45-9:30	<p>WP 2 Data fusion for monitoring and modelling of forest carbon and biodiversity</p> <p><i>Karl-Heinz Erb, BOKU</i></p> <ul style="list-style-type: none"> • D2.2 early results: Discuss the methodological challenges, proposed method forward on triangulation, remote sensing, and ground data and statistics
9:30 – 10:15	<p>WP 3 - D3.2 Initial simulation conditions for EU forests</p> <p><i>Christoph Pucher, BOKU</i></p> <ul style="list-style-type: none"> • Present the dataset representing initial forests status for biophysical models
10:15-10:45	Tea & Coffee Break
10:45-11:15	<p>WP 3 – Modelling of natural disturbances</p> <p><i>Hyunwoo Jo, IIASA</i></p>
11:15 – 11:45	<p>Policy Steering Committee: updates on policies and remarks on project output</p> <ul style="list-style-type: none"> • <i>Hillevi Eriksson, Swedish Forest Agency, Sweden</i> • <i>Tomáš Krejzar, Ministry of Agriculture, Czech Republic</i> <p><i>Moderator: Petr Havlik, IIASA</i></p>
11:45 – 12:45	<p>Breakout 2.A: WP 5 - Discuss indicators for green growth and welfare potentials in the EU and GLOBIOM coupling</p> <p><i>Willem-Jan van Zeist WUR</i></p> <ul style="list-style-type: none"> • Advance with the alignment between GLOBIOM and MAGNET and discuss the relevant bioeconomy indicators to focus on
11:45 – 12:45	<p>Breakout 2.B: WP 3</p> <p><i>Andrey Lessa IIASA, Manfred Lexer BOKU</i></p>

	<ul style="list-style-type: none"> • Discuss next steps for the calibration • Plan for D3.3, D3.4 (Feb '25) and D3.5 (Mar '25)
11:45 – 12:45	<p>Breakout 2.C: WP 2 - D2.2 action items and next steps</p> <p><i>Karl-Heinz Erb, BOKU</i></p>
12:45-13:00	<p>Lunch</p>
14:00-15:00	<p>Breakout 3.A: Selection of policy measures to include in the policy reference scenario</p> <p><i>Julia Bognar, IEEP</i></p> <p>Aim: Discuss the EU policies, Member State NECP measures and CAP Strategic Plan measures, as well as national level policies to be included in the policy reference scenario.</p>
14:00 – 15:00	<p>Breakout 3.B: D4.3 discuss early results of cross-scale comparison of SDMs and next steps</p> <p><i>Tord Snäll, SLU; Max Hesselbarth, IIASA</i></p> <p>Aim: Discuss detailed SDM metrics/indicators to compare</p>
14:00- 15:00	<p>Breakout 3.C: WP 4 – Climate feedback emulator</p> <p><i>Meri Rätty, IIASA</i></p> <p>Aim: Determine ESM simulation targets and technical aspects for the emulator. How to best use the detailed G4M-X information in the ESMs - revisiting the concepts and practical implementation</p>
15:00-15:30	<p>Tea & Coffee Break</p>
15:30-16:15	<p>Breakout 4.A: WP 2 data and model linkages</p> <p><i>Martin Herold, GFZ and Petr Havlík, IIASA</i></p> <p>Aim: Discuss data and methods for near-real time update of FN pathways</p>
15:30-16:15	<p>Breakout 4.B: External input into FN Portal</p> <p><i>Sylvia Schmidt, CA</i></p> <ul style="list-style-type: none"> • Discuss stakeholder survey results • Discuss potential “users” that could be used for external feedback on portal development
16:15-17:00	<p>Reporting from day 2 breakouts + Outlook for ForestNavigator project</p> <p><i>Petr Havlík & Fulvio Di Fulvio</i></p>