

Meeting of the Programme Co-ordinating Group (PCG) of ICP Forests

Opening

- 1 On behalf of the German Ministry of Food and Agriculture, Ms Strich opened the meeting and sent greetings from Ms Cools, Mr König, and Mr Waldner who could not attend. She invited all participants to a social dinner that evening.
- 2 Mr Ferretti welcomed all participants, thanked the German Ministry for Food and Agriculture and the PCC for organizing the meeting and chaired the meeting.
- 3 The agenda was adopted after postponing the item on the Scientific Committee and Scientific Conference to the day after.

Reports from recent past meetings

- 4 Mr Seidling reported on the **3rd joint session of EMEP and WGE in Geneva** in which he and Mr Ferretti had participated. He pointed out that all presentations given at the meeting are available on the Convention homepage¹ as well as the new mandates of all WGE programme centres which are projected to be valid for the next 5-10 years.
- 5 The upcoming **Workplan 2018/19**² includes ozone concentrations and visible injury, effects of nitrogen deposition on forest ecosystems, and heavy metals in forest ecosystems. In the new workplan, a co-operation between ICP Forests and ICP Vegetation is not explicitly stated but has been agreed on with Mr Harmens, Chair of ICP Vegetation, when meeting him together with Mr Ferretti in Geneva. ICP Vegetation will have its next TFM in Dessau, 5-8 March 2018; the deadline for registration is 15 December 2017³.
- 6 A **new WGE website** with information from all WGE Task Forces is in the implementation stage.
- 7 Mr Ferretti reported on his visit to the **Asia Center for Air Pollution Research (ACAP)** in Niigata, Japan, on 26 October 2017. He listed possible items for further cooperation:
 - Joint workshop on regional impact assessment of atmospheric deposition on forest ecosystems, tentatively scheduled for Oct/Nov 2019. Here, the attendance of experts from ICP Forests will be very much welcome. Aspects related to financial support of travel expenses will be discussed at a later stage.
 - Acid Rain 2020 conference in Niigata, Japan, titled “The future environment and role of multiple air pollutants”, 19-23 October 2020.
 - 20th anniversary of EANET on 19 October 2020, pre-conference to the Acid Rain Conference as a 1-day event.
 - If feasible, an expert from ACAP will introduce the conferences at the next ICP Forests TFM and SC.

¹ <https://www.unece.org/index.php?id=43514>

² https://www.unece.org/fileadmin/DAM/env/documents/2017/AIR/EMEP/ODS-E_ECE_EB.AIR_GE.1_2017_20%E2%80%9393ECE_EB.AIR_WG.1_2017_13.pdf

³ http://icpvegetation.ceh.ac.uk/events/tf_meetings.html

- There is proposal under preparation for a survey on ozone symptoms on vegetation, and this can represent a possible co-operation field with EANET. Also, a possible transect campaign of ozone concentrations from Europe to East Asia can be seen as an important first operational common activity.
 - Promotion of scientific cooperation/collaboration between networks: information exchange in meetings/workshops, possibly in each other's reports.
- 8 The PCC will inform the WGE on these activities as they welcome international collaborations.
- 9 Ms Prescher reported on **other meetings the PCC had attended**: Scale TrEe Mortality Workshop⁴ in Hanover; BIOGEOMON 2017⁵, Czech Republic, 20-24 August 2017; IUFRO 125th Anniversary Congress⁶, Freiburg, 18-22 September 2017; AAPW-3⁷ and IUFRO Tokyo 2017⁸, Tokyo, 20-26 October 2017.

Planning for future meetings

- 10 After discussing the schedule of the next **34th TFM 2018 in Riga, Latvia**, 21-25 May 2018, the PCG expressed that they would favour an excursion to natural sites (not necessarily a Level II plot) possibly combined with a minor cultural event. The order of the meetings will be: Scientific Conference (1.5 days), Excursion (0.5 day), Task Force Meeting. The PCC will discuss this with Mr Zvirbulis as local organizer.
- 11 The discussion on the **7th Scientific Conference** was postponed to the following day.
- 12 Mr Raspe announced that the **next combined EP meeting** of the EPs Growth, Biodiversity, Meteo/Pheno/LAI will be hosted by Slovakia during fall 2018. The location and date have not been specified yet. Mr Raspe invited other EPs to join but feedback has to be given soon to allow a smooth meeting organization. Mr Schaub and Ms Gottardini announced their interest in joining and co-organizing the meeting.

Collaboration and integration, projects

- 13 Mr Seidling showed preliminary results from joint analyses with **ICP Integrated Monitoring** in preparation of an oral presentation at the IUFRO 2017 Congress in Freiburg. Because of a lack of human resources, the presentation was not given at the conference and the collaboration was put on hold.
- 14 There is a mutual agreement between ICP Forests and **ICP Vegetation** to collaborate in the future even without a specific common workplan item. Recent collaboration included the provision of aggregated ICP Forests data on ozone visible injury to ICP Vegetation and participation in meetings from both sides. Mr Schaub pointed out that there is ongoing collaboration by applying the ICP Vegetation model DO₃SE in the PRO3FILE project, combined with comparing EMEP data with ICP Forests data. Unfortunately, no representative from ICP Vegetation was able to attend the last training course on ozone visible injury assessment organized by ICP Forests. Instead, ICP Vegetation is launching their own training course⁹.

⁴ <http://stem.thuenen.de/>

⁵ <http://www.biogeomon.cz/>

⁶ <http://iufro2017.com/>

⁷ <http://web.tuat.ac.jp/~aapw/Home.html>

⁸ <http://web.tuat.ac.jp/~iufro-tokyo2017/Home.html>

⁹ <https://www.ceh.ac.uk/training/icp-ozone-and-plants>

- 15 Ms Sanders reported on an ongoing cooperation with **MSC-West (EMEP)** comparing modelled data with measured data from ICP Forests. Mr Seidling pointed out that the WGE is asking and welcoming this kind of studies.
- 16 The finalization of a letter of intent with **EEA** is still open. After not having received any response to her last email, Ms Sanders will contact Ms Bastrup-Birk again. Mr Seidling stressed the fact that due to the National Emission Ceilings Directive (NECD), ICP Forests data could end up at the EEA without the ICP Forests quality control. Thus, the aim must be to not have two different datasets at two different institutions.
- 17 Mr Seidling reported on the status of collaboration with **eLTER**. The finalization of a letter of intent was stopped four years ago. It is not clear how to collaborate in the future. It was discussed that ICP Forests should attend eLTER meetings and stress forest monitoring interests. Mr Schaub will attend the eLTER Conference & LTER-Europe annual meeting from 28.11.-01.12.2017 in Málaga, Spain.
- 18 Ms Sanders announced that there is a proposal for a **new IUFRO Task Force** on monitoring global tree mortality patterns and trends¹⁰ under review. The initiative was highly appreciated by the PCG as it will promote ICP Forests' visibility and data. Ms Sanders will circulate any new information among the ICP Forests community.
- 19 Mr Seidling announced the new **H2020-INFRAIA-2018-2020** call. Ms Paoletti had approached Mr Seidling to take part in the proposal: Research infrastructures for forest ecosystem and resources research. The proposal deadline is 22.03.2018. As ICP Forests cannot participate as a legal entity, it is up to the Thünen Institute to decide whether to lead a consortium of many countries as partners. However, there is not a lot of funding expected for each partner.
- 20 Mr Ferretti announced a call of the **EFI Network Fund**¹¹ with a maximum contribution available for each proposal of EUR 100.000 focusing on EFI's three strategic themes: bioeconomy, resilience, and governance.

NEC Directive

- 21 Mr Seidling summarized the contributions of the PCC to the process of implementing the new NEC Directive¹² by the European Commission (EC) as mainly advisory. The WGE was asked by the EC whether they can contribute to the effects monitoring under the new NECD. The WGE chair Ms I. Rábago presented the WGE work in general and Mr Seidling presented ICP Forests at the last NECD meeting. At the moment, the Commission with the support of the ICPs prepares guidelines for the EU member countries on how to proceed, e.g. select plots.
- 22 Ms Strich emphasized that the future data flow is still unclear. EU member states have to report by 1 July 2018 from which plots they will deliver which data. The announced data then has to be delivered one year later.
- 23 According to Mr Potočić, in Croatia it is anticipated that the data is to be sent to the Croatian Environmental Agency and then to the European database at the European Environmental Agency (EEA). This would lead to two different data sets at the EEA and ICP Forests with similar problems as with the JRC in the past. As the role of ICP Forests is not clear, it should offer data quality checking for forest information even if this means a delay in data delivery, to avoid two databases with different data for the same plot. The main benefit for ICP

¹⁰ <http://tree-mortality.net>

¹¹ http://www.efi.int/portal/members/membership_service/benefits/efi_network_fund/

¹² <http://rod.eionet.europa.eu/obligations/748>

Forests is that there is an obligation for EU countries to follow this Directive and secure funding for their monitoring network.

- 24 While it is clear that parameters given in Annex 5 of the NECD are optional, the reporting of air pollution effects on ecosystems is mandatory.

Future developments of ICP Forests

- 25 Mr Seidling had sent a document with reflections on what has been done to achieve the rather broad objectives in the **ICP Forests Strategy**. The PCG decided that a more streamlined organization is necessary. In this perspective, the PCC will initiate a “living document” with a first list of concrete steps for each objective/action listed in the ICP Forests strategy. PCG members will then comment on this and – together with the PCC – will then suggest priorities, timeframes, responsibilities, and output in accordance with the available resources.
- 26 The PCG decides to elaborate on the possibilities for a “Forest Carbon Monitoring” initiative to be based on data below- and aboveground **forest carbon stocks** over the last 20 years. The Scientific Committee had already discussed the potential of the data for this and will think about launching a respective approach.

Data Management

- 27 Mr Kirchner informed about new features and future developments of the data infrastructure. He presented experiences/feedback with the new upload format CSV, introduced new offline tests with a list of warnings and a conformity report, described the latest changes of forms, explained the necessity of central data accompanying reports for additional information on data, and listed open action points from the last TFM which he is still working on. He also presented the idea of a free dataset with general information and data availability for each plot.
- 28 The PCG agreed that Mr Kirchner makes suggestion for attributes for inclusion in a free dataset to be then discussed among the PCG and presented at the next TFM and to revise the data policy accordingly.
- 29 Mr Kirchner is aware that corrections to the data structure in the database may cause problems, e.g. that new data read-ins have to be reprogrammed in existing analysis scripts/programmes. The corrections to the data structure are, however, absolutely required.
- 30 Mr Schaub recalls the discussion on a layer-3 DB architecture, which would allow cleaned data to be resubmitted (AND downloaded) to and from the ICP Forests central database (see minutes from 2015 PCG meeting). In the light of the current ICP Forests Data Policy, Mr Schaub suggests to bring forward this idea again during the forthcoming Task Force meeting towards a facilitated access and exchange of cleaned and aggregated data.

Collaboration with global or continental databases

- 31 For making ICP Forests more visible on a global level, the PCG acknowledges the need to update the ICP Forests data policy for participating in larger data initiatives and for inclusion in large global databases, such as the Global Forest Biodiversity Initiative (GFBI) or the Plant Trait Database. In both initiatives the data are not open. In GFBI the data will be kept strictly confidential and the contributors are asked for approval first, while the Plant Trait Database

involves contracts. The PCG realizes that an agreement is necessary on the part of the Task Force. The PCC will prepare a proposal for the next TFM.

Reporting

- 32 Ms Michel gave an overview on the **status of the ICP Forests reporting**. The goal is to publish this year's Technical Report by the end of this year and suggests that the next report will follow the same structure. The first ICP Forests brief on nitrogen is again being discussed in the EP Deposition after substantial changes to the objective of the report during the last TFM and to the analyses. The aim is to have it published by the beginning of 2018. Other topics for future briefs are already in the making. As she had not received suggestions from the ICP Forests community, she suggested approaching authors of interesting ICP Forests publications for future briefs.
- 33 Mr Seidling presented the status of this year's Executive Report on N cycling and tree decline/responses.
- 34 After discussion, the PCG agreed on the following actions:
- The PCC develops a concept for the Technical Reports to make it both interesting and valuable for the ICP Forests member countries as well as the PCG. The PCG will agree on a concept before the next TFM.
 - A discussion was launched on the opportunity to have more "agile" scientific factsheets rather than policy briefs. This is because political statements need always an approval by the Task Force that causes in turn long time for preparation and publication. The proposal for future is to have "Factsheets" that will favour more rapid dissemination. Therefore, a distinction will be made between scientific and political ICP Forests Briefs. Scientific briefs based on publications will not need to be approved by the TF and the responsibility for content lies with the EPs while political briefs need to be discussed by the TF. However, it is still under discussion whether the briefs should also be political or just stay policy-relevant. For future scientific briefs the PCC will rely on material from already published papers. A disclaimer will be kept in the briefs for clarification of the responsibility.
 - The PCC develops a concept for the Executive Report. It is suggested that it includes more studies using the ICP Forests infrastructure instead of external studies, that an introductory chapter is added explaining that the report is based on presentations at the last ICP Forests Scientific Conference and additionally on ICP Forests publications.
 - The new ICP Forests website should include regular results, e.g. maps and trends from each survey, possibly even as an interactive tool with links to the database for automatic updates.
 - The PCC prepares a few general presentation slides with basic information on the ICP Forests network, such as its origins, aims, and infrastructure, and makes them available online for the ICP Forests community.
- 35 Ms Sanders explained the further procedure in finalizing the **book on trends in the Ecological Studies series issued by Springer**. The PCC will prepare an abstract from the information given by the EP chairs and send it to the editors of the book series. They will make it clear to the editors that this book differs from the one edited by Mr Ferretti and Mr Fischer in that it focuses on results from 30 years of forest monitoring under ICP Forests.
- 36 Each chapter should be around 20 pages (1 page à 3500 characters, incl. spaces). The PCG has not decided yet whether a synthesis at the end of the book is to be based on results from single chapters only or will include an integration of changes and trends from different

surveys. It is clarified that the focus of the book lies on trends of every survey already presented/analyzed; new analyses are not required.

- 37 Mr De Vos will discuss with Ms Nieminen (EP Co-chair) a possible splitting of the soil and soil solution chapter. Mr Potočić agreed to coordinate the chapter on quality assurance after all EP chairs present agreed to contribute information on their surveys to this chapter. Ms Sanders agreed to be co-editor. Another, preferably more experienced co-editor needs to be determined still. Part E incl. an outlook, practical and political implications should refer to the Scientific Assessment Report by Mr Maas from the UNECE Working Group on Strategies and Review and Mr Grennfelt, former Chair of the WGE. An author still needs to be decided on.

Working Paper by the Scientific Committee and 7th Scientific Conference

- 38 Ms Hansen summarized the **working paper** for the Scientific Committee which she and Mr Vesterdal had shared with the PCG before the meeting. She suggested splitting the committee into the Scientific Committee and the Conference Panel (CP) and encouraged the EPs to continue to look at recent ICP Forests projects/publications, plan publication processes more carefully, and in general include more scientists. The PCG is in favour of opening up the Scientific Committee to external experts as advisors but not as members.
- 39 The PCG decided on a general **title of the next Scientific Conference**: *European forests in a changing environment – air pollution, climate change and forest management*. The title will be fine-tuned by Ms Hansen. Mr De Vos, Mr Potočić, Mr Seidling, Mr Levanič, together with Mr Vesterdal and Ms Hansen have volunteered to be in the **Conference Panel** for preparing next year's Scientific Conference.
- 40 The duration of the conference was decided to be 1.5 days depending on the quantity and quality of the submitted abstracts. Mr Seidling will communicate with the Latvian organizers that the posters will be more prominently presented next year. A possibility for flash presentations will be discussed among the Conference Panel. A first announcement for the conference will be distributed asap after the PCG meeting. A more prominent conference website is suggested. Next year's Scientific Conference will unfortunately coincide with the International Conference on Ozone and Plant Ecosystems in Firenze, Italy.

Selected items from reports by all EP chairs on the latest developments in their EP

- 41 EP Crown (Mr Potočić, Mr Timmermann): A lot of effort is at the moment invested in improving the damage reporting system and the control routines for data submission. So far 18 countries have responded to the online questionnaire on the Level I monitoring. They presented their view on future International Cross-Comparison Courses (ICC):
- Field ICCs should be arranged as long as there are candidates for organizing these courses which has become more and more difficult. The EP chairs had therefore decided to join the northern and the central European ICC in 2017. Candidates for hosting the 2018 Mediterranean field ICC could be Spain or Turkey.
 - In addition to national reference teams, national field teams are additionally invited to participate in photo ICCs.
 - The organizers of the 2017 field ICC in Czechia prepared a short review at the end of the ICC, but there will be no further analysis of the ICC data from the organizers. In former years the PCC used to undertake this task.

- The EP would like to have the next photo ICC again organized by Germany. Ms Sanders will discuss this with Ms Nicole Wellbrock whether money is available for the future organization and a report.
- 42 EP Growth (Mr Levanič): Six countries have sent their specific volume functions for the EP chairs to calculate volume across countries. EP Growth will participate in the combined EP meeting in Slovakia in the fall 2018.
- 43 WG QA/QC in Laboratories (Mr Füst): Mr Füst presented the outcome of the last meeting of the heads of the labs in September 2017. He explained changes to the manual with regard to drying of foliage and litterfall samples (Manual XII and XIII) and provided the dates of the next ringtests (Needle Leaf 2017/2018, Soil 2018, and Deposition/Soil Solution 2018/19). Heavy metals (Cd, Cr, Co, Cu, Pb, Ni, Zn) will be included in the next Deposition/Soil Solution ringtest (as separate sample/s or by use of the results from the EMEP ringtest). The meeting of the heads of the labs proposed to the expert panel deposition to skip Hg, B and Mo from the parameter list (methodical issues). Their next meeting will be held in Brasov, Romania. Mr Füst presented a slide about the launch of the FAO Global Soil Laboratory Network (1/2 November 2017). At the moment it is not clear how ICP Forests can/will contribute.
- 44 EP Meteorology/LAI/Phenology (Mr Raspe): The EP will co-organize the upcoming combined EP meeting next year.
- 45 EP Foliar/Litterfall (Ms Ukonmaanaho): During the last EP meeting in Zagreb, the EP decided to share their Level I foliar data with the TRY database. Mr Kirchner again pointed out that this is against the ICP Forests data policy. Five heavy metals (As, Cr, Co, Hg, and Ni) will be added as optional parameters in the manual. Mr Füst had left the EP and is now head of the WG QA/QC in Labs. Ms Ukonmaanaho plans to be done with the data corrections in the litterfall database by next spring.
- 46 EP AAQ (Mr Schaub): The EP tries to find reasons for the low participation (4 countries, 13 participants) in the latest intercalibration course for ozone symptoms. Ms Gottardini informed on the current status of the *VibEuroNet* project.
- 47 The EP AAQ prepares a data paper with ICP Forests ozone data to Nature Scientific Data. Mr Kirchner raised the question how this approach fits into the ICP Forests data policy. Mr Schaub explained that from each country one representative is invited as co-author. Eventually and after permission of the countries, the cleaned and aggregated ozone data will be uploaded on a repository such as PANGAEA.
- 48 EP Soil and Soil Solution (Mr De Vos): Mr De Vos and Ms Cools (EP Co-chair) plan to finish combining the soil condition Level I and Level II databases by the end of this year. Mr De Vos also still corrects the online documentation. He had been invited to the North American Forest Soils Conference – International Symposium on Forest Soils in Québec in June 2018 to give a keynote on how forest soil monitoring is conducted in Europe. He also reported on the Global Soil Partnership, an initiative by the FAO to create a global map with information on soil carbon up to 30 cm depth.
- 49 EP Deposition (Mr Verstraeten): Mr Waldner (EP Co-chair) still works on an aggregated database. As agreed with Mr Kirchner, the EP had removed four items from the unified deposition form but the respective data has been archived.

Minor manual changes between major 5 years' revisions

- 50 Mr Kirchner described the current procedure of including minor changes in the manual. He adds the latest revision date to the front page and includes an annex with all minor changes until the publication of the next manual every 5 years.

- 51 The PCG agreed that adding additional optional parameters is a minor change, adding mandatory parameters, however, is a major change and requires an approval by the TF.

Any other business

- 52 Israel and Uzbekistan have declared their interest to become **new members of ICP Forests**. Mr Seidling already contacted representatives from Israel during an Acacia Congress in October 2017 and Mr Levanič will go to Uzbekistan in March 2018 and present ICP Forests. Mr Seidling will discuss with the former head of the PCC, Mr Lorenz, and with Mr Olendrzynski from the UNECE Secretariat about how to proceed.
- 53 Mr Ferretti met Mr Ouimet, NFC Canada/Québec, at the 25th Anniversary of RENECOFOR in October. Mr Ouimet announced his interest in becoming again more active in ICP Forests.
- 54 Mr Seidling will retire in spring 2019 but he will not be further available from late fall 2018. His succession is already being discussed by Ms Strich, Mr Ferretti, and Mr Bolte, Head of the Thünen Institute of Forest Ecosystems, who are all very much aware that a replacement in due time is absolutely key for the continuity of the programme.
- 55 Mr Ferretti thanked Mr Seidling for his dedication to the programme over the last four years. He also thanked the PCG, the PCC, and Ms Strich for organizing and participating in this meeting.

Meeting of the Programme Coordinating Group (PCG) of ICP Forests, 8 –9 Nov. 2017

Venue: Federal Ministry of Food and Agriculture, Wilhelmstraße 54 (entrance at Französische Straße 1), Building 3, Room: 3.3.40 (on the third floor)

Agenda

8 Nov. 2016, Wed.	<>: approx. time foreseen
Start: 13:00	Opening <0:05> - Adoption of the agenda
	Reports from recent past meetings <0:40> - 3 rd Joint Session EMEP and WGE: Geneva, 11-15 Sept (Workplan, PCC Mandate: Walter u. Marco) - EANET: Niigata (Marco) - Reports from other relevant meetings (e.g. IUFRO 125: Anne-Katrin, everybody)
	Planning for future meetings <0:30> - 34 th Task Force Meeting 2017: Riga (PCC, Walter) - 7 th Scientific Conference 2017: Riga (Karin) - (Joint) EP Meeting(s) 2018 (Stephan, respective EP chairpersons)
	Collaboration and integration, projects <0:45> - Collaboration with ICP Vegetation and ICP IM (Walter) - EEA: Letter of Intent (PCC) - eLTER: Letter of support, Letter of Intent between ICP Forests and eLTER (Walter) - IUFRO initiative on tree mortality (Tanja) - H2020-INFRAIA-2018-2020: new call (Walter) - Any other collaborations planned/ongoing (everybody)
15:00-15:30	Coffee break <0:30>
	NECD <15> (Walter) - NECD Workshop Brussels, 17 October 2017 and recent developments (Walter)
	Future development(s) of ICP Forests <1:20> - Strategy of ICP Forests: Reflections on activities done so far (Walter) - "New agenda" (Marco)
	Data management <0:30> (Till) - New features and future developments
End: 18:00	Collaboration with global or continental databases <0:20> (Walter) - Global Forest Biodiversity Initiative (GFBII), TRY (plant traits, see: Global Change Biol. 17: 2905-2935), eLTER network (DEIMS), - European Commission/EEA: NECD
19:30	Social Dinner
9 Nov 2016, Thu.	
Start: 8:30	Reporting <0:40> - ICP Forests Briefs (Alexa) - TR (new developments) (Alexa) - ER (status of 2017 report) (Walter)
	News developments from the EPs and committees <2:20> (EP chairpersons) - Any results available for future TR? - Would you support the opening of the EPs to external scientists? - Workshop(s) - Meeting of the Heads of Laboratories - QAQC beyond labs (e.g. Ambient Air Quality) - Experience and future development of Cross-Calibration in the field (and by photo) ICC 2017 (Nenad), ozone workshop (Marcus), ground vegetation (NN), phenology (Stephan), ...
10:30-11:00	Coffee break <0:30>
	Minor manual changes between major 5 years' revisions <10> (Till)
	AOB <0:40>
End: 13:00	Closing of the PCG Meeting

List of participants

Last name	First name	Position	Institution	Country
De Vos	Bruno	EP Soil and Soil Solution, Chair	Research Institute for Nature and Forest (INBO)	BE
Ferretti	Marco	Chair of ICP Forests	WSL Swiss Federal Institute for Forests, Snow and Landscape Research	CH
Fleck	Stefan	EP Meteorology, Phenology, LAI, Co-chair	Thünen-Institut für Waldökosysteme	DE
Fürst	Alfred	WG QA/QC in Laboratories, Chair	Austrian Federal Research Centre for Forests	AT
Gottardini	Elena	EP AAQ, Co-chair	Fondazione Edmund Mach	IT
Hansen	Karin	Scientific Committee, Chair	IVL Swedish Environmental Research Institute	SE
Kirchner	Till	Programme Co-ordinating Centre (PCC)	Thünen-Institut für Waldökosysteme	DE
Levanič	Tom	EP Growth, Chair	Slovenian Forestry Institute	SI
Michel	Alexa	Programme Co-ordinating Centre (PCC)	Thünen-Institut für Waldökosysteme	DE
Potočić	Nenad	EP Crown Condition and Damage Causes, Chair	Croatian Forest Research Institute	HR
Prescher	Anne-Katrin	Programme Co-ordinating Centre (PCC)	Thünen-Institut für Waldökosysteme	DE
Raspe	Stephan	EP Meteorology, Phenology, LAI, Chair	Bayerische Landesanstalt für Wald und Forstwirtschaft (LWF)	DE
Sanders	Tanja	Programme Co-ordinating Centre (PCC)	Thünen-Institut für Waldökosysteme	DE
Schaub	Marcus	EP AAQ, Chair	Swiss Federal Research Institute WSL	CH
Seidling	Walter	Head of Programme Co-ordinating Centre (PCC)	Thünen-Institut für Waldökosysteme	DE
Strich	Sigrid	Representative of ICP Forests Lead Country	Federal Ministry of Food and Agriculture	DE
Timmermann	Volkmar	EP Crown Condition and Damage Causes, Co-chair	Norwegian Institute of Bioeconomy Research (NIBIO)	NO
Ukonmaanaho	Liisa	EP Foliage and Litterfall, Co-chair	Natural Resources Institute Finland (LUKE)	FI
Verstraeten	Arne	EP Deposition, Chair	Research Institute for Nature and Forest (INBO)	BE
Vesterdal	Lars	Scientific Committee, Co-chair	University of Copenhagen	DK