

CONVENTION ON LONG-RANGE TRANSBOUNDARY AIR POLLUTION

International Co-operative Programme on Assessment and Monitoring of Air Pollution Effects on Forests

MINUTES

of the twentieth meeting of the Programme Task Force
held from 22 to 26 May 2004 in Växjö, Sweden

Item 1: Adoption of the agenda and of the minutes of the 19th Task Force Meeting

1. The meeting was attended by 72 experts from the following 29 countries: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Japan, Lithuania, The Netherlands, Norway, Poland, Portugal, Romania, Serbia and Montenegro, Slovak Republic, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.
2. Represented were the Working Group on Effects (Mr. H.-D. Gregor, Mr. M. Johansson), the European Commission, DG Environment (Mr. Winkler), the ICP on Vegetation (Mr. P.E. Karlsson), as well as the ICP on Integrated Monitoring (Mr. L. Lundin). Furthermore, the European Environment Agency (Mr. T.-B. Larsson), the Acid Deposition Monitoring Network in East Asia (Mr. H. Sase), the United Nations Environment Programme (Mr. J. Zhang), the European Forest Institute (Mr. M. Lindner), the European National Forest Inventory Network (Mr. G. Ståhl), the European Network for long-term Forest Ecosystem and Landscape Research (Mr. N. Kräuchi) and the International Union of Forest Research Organizations (Mr. M. Ferretti) were participating. A list of participants is attached as Annex 1.
3. Mr. Haußmann (Germany), Chairman of the Programme Task Force, opened the meeting, thanked the Government of Sweden for hosting it and welcomed the participants.
4. Mrs. L. Hedlund (Ministry for Industry, Employment and Communication) welcomed the participants also on behalf of the Swedish Minister of Forestry, Mrs. U. Messing, and gave a short overview on forests and forestry in Sweden. She stressed their multifunctional importance.
5. The Task Force adopted the minutes of its nineteenth meeting held in Zagreb, Croatia (24 to 28 May 2003).

6. The Task Force adopted the agenda of the meeting (Annex 2).

Item 2: Report by the Chairman and the Programme Coordinating Centre (PCC)

7. Mr. Haußmann reported briefly on the main activities under discussion within ICP Forests and thanked all participating countries and bodies of the programme for their active participation which was important for the continuity of the programme. He stressed in particular that after the adoption of the EU Forest Focus regulation a basis for the future cooperation with the European Commission was available. He pointed out that in the years until 2006 strategic questions concerning the set up of the programme need to be settled and mentioned the important role of the Program Coordinating Group of ICP Forests (PCG) in this respect.

8. Mr. Lorenz (Germany), Head of the Programme Co-ordinating Centre (PCC) of ICP Forests, reported on activities of PCC since the nineteenth meeting of the Task Force. He highlighted the various reports produced by PCC in cooperation with National Focal Centres and various experts. Other important activities of PCC included the update of the manual, assistance to the organisation of the International Cross Calibration Courses, establishment of the Photo QA and storage of Level II data. The Task Force took note of the progress made by PCC and adopted its report.

9. Mr. Marcus Lindner (EFI, Finland) presented a prototype of a Level I data visualisation toolkit that was prepared by the European Forest Institute (EFI). In principal the Task Force appreciated the way of data handling and presentation and thanked the EFI for this valuable work. However, questions on specific details were raised (meta data, access to authorized users, oversimplification). PCC will continue to closely collaborate with EFI in this field aimed to provide data access via the internet.

Item 3: Reports by the Chairman of the Working Group on Effects (WGE) and the Chairpersons of other ICPs of the WGE

10. Mr. M. Johansson (Secretary to the WGE) reported on the present state of the work under the CLRTAP. Wishes of the WGE towards the ICPs include the harmonization of land cover and ecosystem classification, common work on critical loads calculation and use of dynamic models, the use of common drivers (S and N deposition and O₃ concentration), the documentation of the robustness of the results and quality assurance, as well as the synthesis of the knowledge gained by the different ICPs as a contribution to the review of the protocols.

11. Mr. H.-D. Gregor (Chairman of the WGE) reported on the outcomes of the 22nd session of the WGE (EB.AIR/WG.1/2003/2). At this session the ICP Forests' reports and plans were appreciated, as was the work in the fields of ozone assessment, biodiversity and carbon sequestration. He acknowledged the progress made within the programme and the future cooperation of the ICP Forests with the EC. He

stressed the need of further cooperation between the ICPs and introduced the medium term work plan of the WGE.

12. The Task Force of ICP Forests took note on the report by the Chairman and the secretary to the WGE and welcomed the elaboration of the Substantive Report on Trends 2004. The printed report will be circulated to all ICP Forests bodies. The Task Force also took note of the medium term work plan and reiterated the importance of the cooperation between the ICPs.

13. Mr. L. Lundin (Sweden), chairman of the ICP Integrated Monitoring, presented the programme's recent activities carried out in the fields of heavy metals, dynamic modelling, nitrogen cycling, biodiversity, and carbon balances. In particular in the field of ground vegetation assessments and biodiversity indicators cooperation with the ICP Forests is ongoing.

14. Mr. P.E. Karlsson (Sweden), on behalf of the ICP Vegetation, reported on recent activities of the programme. In the past year, the programme mainly focused on the monitoring of heavy metals and on ground level ozone, including a new approach for the calculation of thresholds for stomatal fluxes. The need for further cooperation with the ICP Forests in the latter field was underlined.

15. Mr. R. Volz (Switzerland) presented latest results of critical loads dynamic modelling based on Swiss Level II plots under different deposition long-term scenarios. Models fit quite well for upper soil layers and BC/Al ratios. The Task Force appreciated this contribution and reinforced its decision to put emphasis on this kind of evaluations.

Item 4: Reports by the European Commission and the Joint Research Centre

16. Mr. B. Winkler (European Commission), reported on the latest developments under the Forest Focus regulation. He stressed in particular that the elaboration and adoption of the implementation regulation were at present of highest importance. The draft Regulation is presently discussed with the Member States and checked by the Legal Service. Contracts with the JRC and PCC of ICP Forests are currently under preparation. In parallel, the review of the National Programmes 2003/2004 are of high priority, and the review of the existing regulation and the preparations for Forest Focus II need to be started soon. Several delegates stressed the need for better coordination of the studies for the 2005/2006 National Programmes and suggested to organize a workshop in autumn 2004 for this. Mr. Winkler took note of this idea. Non EU countries were invited to nominate a contact address to the EC for information transfer.

Item 5: Cooperation with the EU scheme "Forest Focus"

17. Mr. T. Haußmann reported on the current state of the cooperation between the European Commission including its Joint Research Centre and the ICP Forests. The Task Force thanked its chairman for his efforts and engagement in the negotiations

during the past year. The Task Force confirmed the agreement reached between its chairman and the Commission (DG ENV) (see minutes of the meeting of 15 December 2003). In implementing this agreement, the Task Force welcomed the planned signing of a grant agreement and thanked the EC for the financial support of the work. The Task Force accepted a proposal by its chairman to split the related funding as follows (per year):

- 100.000 € for the work of PCC (mainly staff costs, printing costs)
- 60.000 € for travel costs by the NFCs (about 2000 € per NFC, details to be agreed between the NFC and PCC. The PCG was invited to prepare complete list of the ICP Forests meetings at the beginning of each year to facilitate the planning of trips by the countries.)
- 90.000 € direct subvention for the work of the Expert Panels.

18. The Task Force accepted the proposal by its Chairman that Mr. Martin Lorenz should represent ICP Forests as an observer in the SAG.

19. The Task Force is also in line with the proposal that its chairman and PCC should participate at the biannual coordinating meetings of ICP Forests and EU. The first meeting will take place in summer 2004 and will help to clarify details of the cooperation including data submission and exchange and discussion of an evaluation strategy.

Item 6: Cooperation of ICP Forests with other International Organisations

20. Mr. H. Sase (Japan), on behalf of the Acid Deposition Monitoring Network in East Asia (EANET), informed the Task Force on the latest development within EANET, highlighting the results of the third session of the Scientific Advisory Committee (SAC3) and the fifth session of the Intergovernmental Meeting, both held in Pattaya, Thailand, in November 2003. He invited the ICP Forests experts to a workshop in spring/summer 2005 to Japan at which the draft of the EANET submanual on forest monitoring will be reviewed. The ICP Forests expressed its willingness to work in close collaboration with the experts in East Asia responsible for the related subchapters.

21. Mr. G. Ståhl (Sweden) presented the outline and main objectives of the European National Forest Inventory Network (ENFIN) stressing its role in the strengthening of national inventories, the harmonisation of methods, the exchange of ideas, and the harmonising information on forests within Europe. The Task Force took note of the report and discussed ways of cooperation with ENFIN; it was stressed that several persons represented in the Task Force are represented in ENFIN. Therefore an official representation of ICP Forests is desirable. Both sides expressed an interest in a participation of ICP Forests at the starting meeting of the ENFIN COST action. The particular need for harmonisation of future biodiversity assessments in many National Forest Inventories was expressed.

22. Mr. M. Ferretti (Italy), on behalf of the IUFRO, invited the participating countries of ICP Forests to the IUFRO conference 'Forests under changing climate, enhanced UV and air pollution' in Oulu, Finland (27-30 August 2004) and to the IUFRO World Congress 2005 in Brisbane.

23. Mr. Al Riebau (USA), while not present at the meeting, submitted information on concrete steps for future cooperation between monitoring activities in Northern America and in Europe.

Item 7: Activities of ICP Forests in relation to growth trend studies

24. Mr. M. Dobbertin (Switzerland), chairman of the Expert Panel Forest Growth, presented the outcomes of the DEFOGRO, PROGNEU and RECOGNITION projects which all were based on Level II data. He mentioned in particular that close relations between defoliation and forest growth were observed, that in general an increase in forest growth was observed within the last 40 years and that the influence of deposition in this respect needs further investigations. The Task Force congratulated the experts, the Expert Panel on Forest Growth and its Chairman to the work and stressed the need to further continue the evaluations in an integrated way and with the participation of several Expert Panels. The results will also be reported to the WGE.

Item 8: Activities of ICP Forests in relation to assessment of ozone concentrations

25. Mr. G. Krause (Germany) Chairman of the Working Group on Ambient Air Quality, reported on the latest activities of the group mainly focussing on the training course in Lattecaldo (Switzerland) and on the further development of the manual. Mrs. M. Sanz (Spain) offered to conduct the data evaluation of the remaining test phase until 2005. The Task Force thanked Mrs. M. Sanz for this offer. Together with PCC it will be clarified whether data available at PCC are sufficient or whether an extra data submission from the NFCs will become necessary. The Task Force also thanked the Working Group for the valuable work and reinforced the importance of the Validation Centres (WSL/Switzerland, CEAM/Spain and DK/Finland). The working group was invited to present the results of the second part of the test phase and a proposal for future monitoring at the 21st Task Force Meeting.

26. The Task Force adopted the updated Submanual for the Assessment of Ozone Injury on European Forest Ecosystems, thanked the experts for their valuable work and asked the PCC to circulate it and upload it on the programme's webpage.

27. Mr. M. Ferretti presented the results of the EU co-financed project "Ozone at the Intensive Monitoring Plots in South-Western European Forests". Main results are the successful modelling of AOT 40 values based on passive samplers on Level II plots and the calculation of exceedances. The Task Force with appreciation took note of the results.

28. Mr. P.E. Karlsson presented the results of an evaluation by the ICP Vegetation on the derivation of new critical levels for stomatal uptake of ozone.

29. The Task Force acknowledged the importance of ozone related activities within ICP Forests and encouraged the further co-operation with other bodies under the Convention (in particular ICP Vegetation, ICP Modelling and Mapping, EMEP).

Item 9: Activities of ICP Forests in the field of biodiversity

30. Mr. T.B. Larsson (Denmark) of the European Environment Agency gave an overview on the global and European policy context in the field of biodiversity focussing in particular on the activities of his agency. He stressed the important role of ICP Forests in this field.

31. Mr. P. Neville (Ireland), Chairman of the Working Group on Biodiversity, presented the latest developments within the Working Group. Mr. R. Fischer (Germany) introduced the present state of the ForestBIOTA project.

32. The Task Force, while reiterating its decision at its 19th Task Force meeting on the importance of the test phase (2003 – 2005), took note of the elaboration of the project proposal "ForestBIOTA".

33. The Task Force also invited its Working Group on Biodiversity to further develop proper data evaluation in this field and to co-operate closely with international bodies dealing with forest monitoring and biodiversity (e.g. EU Forest Focus scheme, International Working Group on Biodiversity Indicators and Monitoring (IWG BioMIN), MCPFE process, ENFIN). It was agreed that the Chairman of the ICP Forests will officially contact the ALTERNET and propose a participation of the ICP Forests at the forthcoming ALTERNET workshop in London, U.K.

34. The Chairman of the Working Group on Biodiversity was invited to present to the 21th session of the Task Force the results of the test phase and a proposal on the future contribution of ICP Forests in this field taking into account the latest developments with the EU Regulation Forest Focus and other forest monitoring initiatives.

35. Mr. P. Neville informed the Task Force about a request from Germany (Mr. F. Scholz), Austria, Italy, and France to carry out genetic monitoring on Level II plots. The Task Force concluded that cooperation would be in principal welcomed, but asked the chairman of the WG on Biodiversity to demand more detailed information from the experts. An invitation of Mr. F. Scholz to the forthcoming PCG meeting will be taken into consideration. Experts interested are asked to take contact Mr. F. Scholz via PCC.

Item 10: Results of the Programme Coordinating Group and follow-up work

36. Mr. M. Lorenz presented the main outcomes of the latest PCG meeting (3-4 December 2003, Hamburg). The Task Force took note of the minutes of the meeting.

37. The Task Force supported the following fields of work of the PCG
- development of an evaluation strategy for ICP Forests
 - dissemination of EP information via the ICP Forests homepage
 - steering of further improvement of the QA aspects (e.g. by drafting a QA report, developing indicators concerning QA)
 - improvement of the sampling strategy of ICP Forests
38. To reach these aims the PCG should meet annually. The Task Force is in line with the priorities of work 2004/05 as prepared by the PCG.

Item 11: Implementation of the Level II monitoring

39. Mr. P. Roskams (Belgium), chairman of the WG on Biotic Agents, presented an improved approach for the assessment of biotic agents. The Task Force adopted the approach, including the time table foreseen. Technical improvements as well as the development of forms will still be carried out during the Orléans workshop in June 2004. Taking into account that the Task Force at its 19th session has already agreed on the updated version of the submanual crown condition (without the annex 1) the Chairmen of the Expert Panel Crown Condition, of the ad hoc group Biotic Agents and the PCC are mandated to incorporate the updated biotic agents assessment methodology into the crown condition manual in its version produced at the Helsingøre meeting.
40. Mrs. A. Bastrup-Birk (Denmark), Chairperson of the Working Group on Litterfall, presented the new submanual on litterfall. The Task Force adopted the new submanual as presented and amended. It was decided that the future work of the working group will be carried out within the Expert Panel of Meteorology and Phenology in order to ensure an integration of the multifunctional assessments.
41. Mr. Teja Preuhsler (Germany), Mrs. A. Bastrup-Birk (Denmark) and Mr. Egbert Beuker (Finland) presented the latest updates of the submanuals on meteorology and phenology. The Task Force gratefully acknowledged the work of the experts and the Expert Panel and adopted the updates. The Task Force took note of the work programme of the Expert Panel.
42. Mr. D. Aamlid (Norway), Chairman of the Expert Panel on Ground Vegetation, presented the results of the recent Expert Panel Meeting which was held back to back with the WG Biodiversity in Lüneburg, Germany, on 12-14 May 2004. He informed on several planned quality assurance measures.
43. Mr. M. Dobbartin presented the updated submanual forest growth. The Task Force adopted the update.
44. Mr. N. Clarke (Norway), co-chairman of the Expert Panel Deposition, introduced an updated submanual for deposition surveys. As the present manual is not stringent enough and as ringtest results had revealed a need of further efforts in

quality assurance this update is necessary. This update includes several steps until the end of 2006, including help to laboratories by guidelines and other laboratories especially experienced. The Task Force adopted the update.

45. PCC is asked to circulate all updated versions including an overall keyword list of the ICP Forests manual to all NFCs and to provide also the European Commission with this information. Mr. Winkler stressed the need to receive this update as soon as possible as the Commission has to finalise its EU manual.

46. The Task Force accepts the proposal made by the PCG to keep the manual of ICP Forests in the way as adopted at the 20th session until end of 2006.

47. The Task Force adopted the following mandate for the ad hoc group soil solution (2004-2006):

- participation in the next Deposition and Soil Solution Working Ring Test (planned in 2004),
- the continuation of QA/QC development for soil solution analysis for possible inclusion in the next update of the manual, and
- the organization of a workshop/expert panel soil solution meeting in Finland 2005. This would be a back-to-back meeting with the EP Deposition covering the results of the 2004 working ring test.
- The group will be chaired by Mr. J. Derome (Finland).

48. The Task Force invited all NFCs to submit their Level II data of 2003 to the Joint Research Centre of EU and a copy to PCC using the agreed data submission format before 31 December 2004. The Joint Research Centre was asked for more concrete instructions related to Level II data formats and check programmes in time. Validated data will be mutually exchanged between PCC and JRC.

49. The Task Force accepted the following changes in the Expert Panel chairmanships

50. Mr. P. Rautio (Finland) will become the new chairman of the Expert Panel on Foliar Analyses

51. Mrs. A. Bastrup-Birk (Denmark) will chair the combined Expert Panel on Meteorology, Phenology, and Litterfall. Mr. E. Beuker (Finland) will remain to be the co-chairman with special emphasis on phenology.

52. Mr. M. Neumann (Austria) will support the co-chairman of the Expert Panel on Forest Growth, Mr. S. Evans (U.K.), during the absence of the chairman, Mr. M. Dobbertin until 2005.

53. The Task Force thanks both, Mr. T. Preuhsler as Chairman of the EP Meteorology and Phenology and Mr. H. Raitio (Finland) as Chairman of the EP Foliage and Head of the NFC Finland for their outstanding work over many years.

Item 12: Level I activities

54. Mr. J. Eichhorn (Germany), Chairman of the Expert Panel Crown Condition Assessment, presented the latest developments within the Expert Panel. The Task Force took note of the activities with appreciation and supported the planned activities, specifically the elaboration of options how to continue with crown condition assessments after 2006. Mr. V. Mues (Germany) reported in greater detail on the results of the International Cross Calibration courses in 2002 and 2003 as well as on the general set-up of the photo crown condition assessments planned for 2004. Mr. D. Durrant (United Kingdom), Chairman of the Working Group Quality Assurance, presented the planned details and time schedule for the Photo QA work. The Task Force took note of the results of the International Cross-calibration Courses of 2003, supported the organisation of the Photo QA exercise in 2004, asked all countries to take part, and welcomed the preparation of the ICC courses 2005 by PCC and the EP on Crown Condition.

55. The Task Force adopted the Technical Report 2004 as amended and asked PCC to publish the report on its internet page and to produce a limited number of hardcopies for distribution to the NFCs and EP Chairmen.

56. The Task Force invited all NFCs to submit their crown condition data (Level I) of 2004 to PCC and for EU Member States a copy of the data to the European Commission using the agreed data submission format before 15 November 2004.

57. Mr. E. Van Ranst (Belgium), chairman of the Expert Panel Soil, reported on the situation of the Forest Soil Coordination Center (FSCC) and on the preparations for the second Level I soil survey. He informed about planned ringtests as a further development of quality assurance. Moreover, Mr. Van Ranst informed about the European Soil Thematic Strategy. He made special mention of the Soil Monitoring Directive as well as of a coordination group of which he is a member and which is giving advice to EC. He stressed that it was premature to prepare for the second soil survey already now as discussions under the European Soil Thematic Strategy were still far from operational recommendations. The Chairman stressed that ICP Forests at its next Task Force Meeting will have to decide if it should strive for a faster implementation of a repetition of the soil survey. The Task Force supported the activities of FSCC in particular related to the preparation of the repetition of the soil survey and thanked Belgium (Flanders) for the willingness to continue this important work. The Task Force took note on progress made with the EU Soil Strategy. Also Mr. Winkler confirmed the importance of the further work of the FSCC.

58. The Task Force took note of the important progress reached by the Expert Panels and Working Groups of ICP Forests and underlined the importance of the expert work carried out. In specific in the field of data evaluation the Expert Panels are encouraged to steer and initiate proper evaluation of the data. The Task Force thanked all Chairpersons and members of the Expert Panels/Working Groups for their valuable work.

Item 13: Executive Report 2004

59. Mr. R. Fischer presented the draft of the 2004 Executive Report of the ICP Forests making reference to earlier discussions and revisions and thanked in particular the authors and National Focal Centres for their valuable contributions. Mr. T. Preuhsler outlined the draft chapter on climatic extremes and gave examples of data evaluation in Germany (Bavaria). Mr. M. Dobbertin introduced into the draft chapter on storm damages. Mr. P. Schall (Germany) presented the final report of a project on the up-scaling of Level II relationships to the large scale using Level I data. Because of several restrictions of the modelling approach, the Task Force decided not to present the results in this year's Executive Report but to distribute the technical paper among the NFCs. It was stressed, however, that the issue is of high importance for the programme and that also in the future it should be on the agenda of ICP Forests meetings. The Task Force adopted the Executive Report as amended and thanked Mr. R. Fischer for his excellent work in preparing the draft. PCC was asked to produce the printed version in time before the 23rd session of the WGE. No press release should be made before de-restriction of the report by the Working Group on Effects (3 September 2004).

60. Translated versions of the report will not be produced by PCC in 2004, however, the digital formats (ADOBE InDesign2.0) will be made available upon request to those countries who wish to translate and print the report on their own costs.

Item 14: Organisational matters

61. The Task Force took note of the financial statements given by PCC for 2004 (Annex 3). The Task Force agreed on the revised budget of ICP Forests for 2004/2005 (Annex 4).

62. The Task Force reiterated its invitation to all participating countries to provide their voluntary contributions through the UNECE secretariat as early as possible in the year. Contributions should be made by bank transfer. The payments by cheques are not encouraged. Some bank transfer costs can be avoided by making use of the correct currency account:

Account number:	485-001802
Account currency:	USD
Account title:	UN Geneva General Fund
Bank name and address:	JP Morgan Chase Bank, New York International Agencies Banking 1166, Avenue of the Americas, 17 th Floor New York, N.Y. 10036-2708, USA
ABA (US Bank Code):	021000021 (Specific for US use)
Swift Code:	CHAS US 33
Reference:	"Credit LUA Trust Fund-ECE/EOA, Allotment account: LUC-25-270"

63. The Task Force urged countries to clearly state in the transfer documents that the contribution is made towards financing the ICP Forests of UNECE and indicate the year for which it is made.

64. Whatever the method of payment, a separate communication should be sent to UNECE secretariat specifying the amount contributed, the currency, the date and the purpose of the payment (including the year for which it is made).

65. The Task Force expressed its gratitude to the host authorities and the Swedish Government for their perfect meeting arrangements and their hospitality, as well as for organising the excellent excursion.

66. Mr. B. Petriccione (Italy) on behalf of the Italian Government invited the Task Force of ICP Forests to hold its 21st annual meeting from 23 – 26 May 2004 in Italy. The Task Force agreed to shorten the formal parts of the meeting to one and a half days as it will be organized back to back with celebrations of the 20th anniversary of the ICP Forests and the 10th anniversary of the CONECOFOR Service on Monday, 23 May 2005. On Tuesday, 24 May 2005 an excursion will be organised. The Task Force thanked Italy for the invitation.

Annex 1: List of participants

	Last name	First name	Country	Address
1	Kristöfel	Ferdinand	Austria	1131 Wien, Seckendorff-Gudentweg 8, Austria (ferdinand.kristoefel@bfw.gv.at)
2	Themessl	Rudolf	Austria	A 1030 Marxer Gasse 2 Vienna Austria (rudolf.themessl@bmlfuw.gv.at) Institute for Forestry and Game Management Gaverstraat 4 B – 9500 Geraardsbergen
3	Roskams	Peter	Belgium	Belgium (Peter.Roskams@lin.vlaanderen.be) 136, Tzar Boris III Blvd. P.O. Box 251 1618 SOFIA Executive Environmental Agency, Bulgaria
4	Stoichkova	Penka	Bulgaria	(forest@nfp-bg.eionet.eu.int)
5	Haußmann	Thomas	Chairman	BMVEL, unit 533, Rochusstr. 1, D – 53123 Bonn (Thomas.haussmann@bmvel.bund.de)
6	Potocic	Nenad	Croatia	Cvjetno naselje 41, 10450 Jastrebarsko, Croatia
7	Andreas	Christou	Cyprus	1414 Nicosia, Cyprus (publicity@cytanet.com.cy) Forestry and Game Management Research Institute Prague, 156 04 Prague 5, Tjeck Republic
8	Lomsky	Bohumir	Czech Republic	(lomsky@vulhm.cz)
9	Bastrup-Birk	Anne-Marie	Denmark	Hursholm Kongvej 11, Dk 2970 Hursholm, Denmark (ab@kvl.dk)
10	Jørgensen	Kaj	Denmark	Haraldsgade 53, Denmark (kjo@sns.dk)
11	Sase	Hiroyuki	EANET	Sowa 1182, Niigata City, Niigata Prefecture, 950-2144, JAPAN (sase@adorc.gr.jp)
12	Larsson	Torbjörn	EEA	European Environment Agency, Kongens Nytorv 6, DK1050 Copenhagen, Denmark
13	Lindner	Marcus	EFI	European Forest Institute, Torikatu 34, 80100 Joensuu, Finland
14	Ståhl	Göran	ENFIN	SLU, 901 83 Umeå, Sweden
15	Eichhorn	Johannes	EP Crown Condition	34346 Hann Münden Prof. Oelersstr. 6 Norwegian Forest Research Institute, Høgskoleveien 12, N-1432 Ås, Norway
16	Clarke	Nicholas	EP Deposition	(Nicholas.clarke@skogforsk.no) Swiss Federeal Institute for Forest, Snow and Landscape Research WSL CH-8903
17	Dobbertin	Matthias	EP Growth	Birmensdorf (kraeuchi@wsl.ch) Bavarian State Institute of Forestry Am Hochanger 13 D-85354 Freising Germany
18	Preuhsler	Teja	EP Meteo/Pheno	(pre@lwf.uni-muenchen.de) Finnish Forest Research Institute, Punkaharju Research Station Finlandiantie 18, FIN-58450
19	Beuker	Egbert	EP Phenology	Punkaharju, Finland (egbert.beuker@metla.fi)
20	Aamlid	Dan	EP Vegetation/Norway	Skogforsk, Høgskolevn 12, N-1432 Ås, Norway (dan.aamlid@skogforsk.no)
21	Asi	Endla	Estonia	Röömu tee 2, 51013 Tartu Estonia (endla.asi@metsad.ee)
22	Karoles	Kalle	Estonia	Röömu tee 2 Tartu Estonia (kalle.karoles@metsad.ee)
23	Reinberg	Rauno	Estonia	Toompuiestee 24, 15172 Tallinn, Estonia (rauno.reinberg@ekm.envir.ee)
24	Terasmaa	Tonu	Estonia	Röömu tee 2, 51013 Tartu Estonia (tonu.terasmaa@metsad.ee)
25	Öunap	Heino	Estonia	Röömu tee 2 Tartu Estonia (heino.ounap@metsad.ee)

26	Winkler	Bernd	European Commission	EC, DG ENV, B.3, B-1049 Bruxelles, Belgium (bernd.winkler@cec.eu.int)
27	Schall	Peter	Expert	Hochschule Nürtingen, Schelmenwasen 4-8, D-72622 Nürtungen (schall@fh-nuertingen.de) Ministry of Agriculture and Forestry, Department of Forestry, Mrs. Anne Vehvilainen, P.O. Box 30, FIN-00230 Valtioneuvosto (anne.vehvilainen@mmm.fi)
28	Vehviläinen	Anne	Finland	
29	Rautio	Pasi	Finland/ EP Foliar Finland/ WG Soil	Kainoniemetie 39700 Pankano Finland (pasi.rautio@oulu.fi)
30	Derome	John	Solution	Finnish Forest institute P.O Box 16, FIN-96301 Rovaniemi Finland (john.derome@metla.fi) Ministère de l'agriculture, 19 avenue du Maine 75732 Paris Cedex 15, France (jean-luc.flot@agriculture.gouv.fr)
31	Flot	Jean-Luc	France	Ghent university, soil science, Krijgspaan 281 (S8), B-9000 Gent Belgium (eric.vanranstUGent.be)
32	Van Ranst	Eric	FSCC	
33	Michopoulos	Panagiotis	Greece	Forest Research Institute of Athens, Terma Alkmanos, Athens 115 28, Greece (mipa@fria.gr) Ministry of Agriculture and Rural Development H-1055 Budapest, Kossuth Lajos ter 11 (holdampf@posta.fvm.hu)
34	Holdampf	Gyula	Hungary	
35	Szepesi	András	Hungary ICP Integrated Monitoring	H-1054 Budapest, Széchenyi u. 14, Hungary
36	Lundin	Lars		SLU Box 7050 SE-750 07 Uppsala, Sweden (lars.lundin@ma.slu.se) IVL Svenska Miljöinstitutet AB, Box 47086, 402 58 Göteborg, Sweden (pererik.karlsson@ivl.se)
37	Karlsson	Per-Erik	ICP Vegetation	
38	Neville	Pat	Ireland	Coillte, Newtownmountkennedy, County Wicklow, Ireland (pat.neville@coillte.ie) National Forest Service Via Sallustiana 10 00184 ROMA (ITALY) (conecofor@corpoforestale.it)
39	Petriccione	Bruno	Italy	
40	Ferretti	Marco	Italy/ IUFRO	Linnaeambiente Ricerca Applicata, Italy (m.ferretti@linnaea.it)
41	Kasperavičius	Albertas	Lithuania	Naujakiurių 82-10, Kaunas, LITHUANIA (alber_k@lvmi.lt)
42	Grimberg	Gerard T.M	Netherlands	P.O Box 482, 6710 BL EDE The Netherlands
43	Hylen	Gro	Norway	Norwegian Institute of Land Inventory, Pb. 115, N-1431 Aas, Norway Institute for World Forestry, Leuschnerstrasse 91, 21031 Hamburg, Germany (fischer@holz.uni-hamburg.de)
44	Fischer	Richard	PCC	Institute for World Forestry, Leuschnerstrasse 91, 21031 Hamburg, Germany (lorenz@holz.uni-hamburg.de)
45	Lorenz	Martin	PCC	Institute for World Forestry, Leuschnerstrasse 91, 21031 Hamburg, Germany (mues@holz.uni-hamburg.de)
46	Mues	Volker	PCC	00-922 Warsaw, Wawelska 52/54 str., Poland Ministry of Environment (edward.lenart@mos.gov.pl)
47	Lenart	Edward	Poland	00-973 WARSAW, Bitwy Warszawskiej 3 Str. POLAND Forest Research Institute (j.wawrzoniak@ibles.waw.pl)
48	Wawrzoniak	Jerzy	Poland	

49	Barros	Maria	Portugal	Av. João Crisóstomo, 28 – 1069-040 Lisboa - Portugal
50	Tanase	Mihai	Romania	Sos Stefanesti 128, Ilfov, Romania
51	Nevenic	Radovan	Serbia and Montenegro	Institute for Forestry, Kneza Viseslava st. No. 3 ; 11000 Belgrade (SCG), Serbia (nevenic@eunet.yu)
52	Pavlenda	Pavel	Slovakia	Forest Research Institute, T.G.Masaryka 22, SK-960 92 Zvolen, Slovakia (pavlenda@fris.sk)
53	Kovac	Marko	Slovenia	Vecna pot 2, 1000 Ljubljana, Slovenia (marko.kovac@gozdis.si)
54	Primož	Simoncic	Slovenia	Slovenian Forest Institute
55	Enriquez	Elsa	Spain	C/ GRAN VÍA DE SAN FRANCISCO, 4, 3ª pl. / ES - 28005 MADRID (SPAIN) (eenriquez@mma.es)
56	Fernández	Paloma García	Spain	C/ GRAN VÍA DE SAN FRANCISCO, 4, 3ª pl. / ES - 28005 MADRID (SPAIN) (sanfor02@mma.es)
57	Sánchez	Gerardo	Spain	C/ GRAN VÍA DE SAN FRANCISCO, 4, 3ª pl. / ES – 28005 MADRID (SPAIN) (gsanchez@mma.es)
58	Anderson	Stefan	Sweden	Ryttareväge 8 30260 Halmstad, Sweden
59	Hedlund	Linda	Sweden	Näringsdepartementet, 103 33 STOCKHOLM, Sweden
60	Hildingsson	Anders	Sweden	skogsstyrelsen, 55183 Jönköping, Sweden
61	Wijk	Sture	Sweden	skogsstyrelsen, 55183 Jönköping, Sweden
62	Wulff	Sören	Sweden	SLU, Dept. of Forest Resource Management and Geomatics, S-901 83 Umeå (Soren.Wulff@resgeom.slu.se)
63	Kräuchi	Norbert	Switzerland	Swiss Federeal Institute for Forest, Snow and Landscape Research WSL CH-8903 Birmensdorf (kraeuchi@wsl.ch)
64	Volz	Richard	Switzerland	Swiss Forest Agency, CH-3003 Bern, Switzerland (richard.volzbuwal.admin.ch) (UNECE), Bureau 350, Palais des Nations, CH-1211 Geneva 10, Switzerland
65	Johansson	Matti	UN/ECE	(Matti.Johansosn@unece.org)
66	Zhang	Jinhua	UNEP	P.O. Box 30552, UNEP, Nairobi, Kenya
67	Barsoum	Nadia	United Kingdom	Forest Research, Alice Holt Lodge, Wrecclesham, Surrey, GU 104LH U.K (nadiabarsoum@kep.mh.se)
68	Durrant	David	United Kingdom	Forest Research, Alice Holt Lodge, Wrecclesham, Farnham, Surrey. GU10 4LH. UK (david.durrant@forestry.gsi.gov.uk)
69	Moffat	Andy	United Kingdom	Forest Research, Alice Holt Lodge, Farnham, Surrey, GU10 4LH, UK (andy.moffat@forestry.gsi.gov.uk)
70	Krause	Georg	WG Ambient Air Quality	Landesumweltamt NRW. Wallneyer str 6 45133 Essen (georg.krauselua.nrw.de)
71	Sanz	Maria	WG Ambient Air Quality Working Group on Effects	Fundacion ceam. Parque tecnologico, C/Charles R. Darwin, 14,46980 Paterna, Valencia ESPAÑA (mjose@ceam.es)
72	Gregor	Heinz-Detlef	Effects	Marine Steig 42, 14129 Berlin (heinz-detlef.gregor@uba.de)

Annex 2

Agenda

Opening, welcome by the host country, technical announcements

- Item 1: Adoption of the agenda and of the minutes of the 19th Task Force Meeting
- Item 2: Reports by the Chairman and the Programme Coordinating Centre
- Item 3: Reports by the Chairman of the Working Group on Effects (WGE) and the Chairpersons of other ICPs of the WGE
- Item 4: Reports by the European Commission
- Item 5: Cooperation with the EU scheme "Forest Focus"
- Item 6: Cooperation of ICP Forests with other International Organisations
- Item 7: Activities of ICP Forests in relation to growth trend studies
- Item 8: Activities of ICP Forests in relation to assessment of ozone
- Item 9: Activities of ICP Forests in the field of biodiversity
- Item 10: Results of the Programme Coordinating Group and follow-up work
- Item 11: Implementation of the Level II monitoring
- Item 12: Level I activities
- Item 13: Executive Report 2004
- Item 14: Organisational matters
- Item 15: Any other business

Annex 3

**Financial Statement of PCC for the period from
1 January to 31 December 2003**

	US\$
Balance per 01.01.2003 (debit)	394 533
Expenses	105 000
Funds received	172 200
Balance per 31.12.2003 (debit)	327 333

Expenses	US\$
Consultants	0
Scientific staff/Administrative support personnel	55 585
Assistance to NFCs and CINT	13 963
Travel on official business	18 244
Expendable equipment	0
Operation and maintenance of equipment	0
Group training and meeting costs	0
Miscellaneous	4 134
Printing costs	13 074
Total	105 000

Annex 4

Revised Basic Budget of PCC

Period from 1 January to 31 December 2005

Item	US\$
Consultants	0
Scientific staff and administrative support personnel	85.000
Travel on official business	5.000
Expendable equipment	5.000
Operation and maintenance of equipment	5.000
Group training and meeting costs	0
Assistance to NFCs of ICP Forests	45.000
Printing costs	0
Miscellaneous	5.000
Total	150.000