

**27th Task Force Meeting of the
International Co-operative Programme
on Assessment and Monitoring of Air Pollution Effects on Forests
(ICP Forests)**

Copenhagen, Denmark, 15 - 19 May 2011

Minutes

Opening

1. The meeting was attended by 69 experts from the following 27 countries: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Ireland, Italy, Japan, Latvia, Lithuania, Norway, Poland Romania, Russia, Slovenia, Slovakia, Spain, Sweden, Switzerland, Turkey. The list of participants is attached as Annex 1.

2. Mr Niels Elers Koch, Managing Director, Forest & Landscape, Denmark, welcomed the participants. He emphasized that decisions in the field of environmental policy need to rely on a sound data base and he stressed the need of long-term commitments and secured financing for forest monitoring. He anticipated that questions of climate change would increase the demand for the ICP Forests data base in the near future.

3. Ms Agnete Thomsen, Deputy Director General, welcomed the participants on behalf of the Danish Nature Agency. She introduced the audience to forests and forest administration in Denmark and pointed to the need for long-term monitoring data, mentioning as well the challenge of more flexible monitoring systems at reduced costs.

4. On behalf of the Task Force, Mr Martin Lorenz, Head of the Programme Coordinating Centre (PCC) of ICP Forests, thanked Mr. Koch and Ms Thomsen for their encouraging words. He opened and chaired the meeting.

Item 1: Adoption of the agenda

5. Mr Lorenz gave an overview on the meeting documents and presented the agenda. He stressed that the meeting would have to focus on the initiation of a follow-up project of FutMon and on lobbying activities to secure financing of forest monitoring. The agenda was adopted by the Task Force (Annex 2). Also adopted were the minutes of the 26th Task Force Meeting.

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

6. Mr Lorenz presented the progress of the Programme Coordinating Centre and its main activities since the 26th Task Force Meeting, mentioning that main results of ICP Forests had been presented to WGE during the 29th Session of the Working Group on Effects, 22-24 September 2010. He reported on the meeting of the Programme Coordinating Group (PCG) in Vienna, Austria, which had focussed on ensuring the monitoring activities based on national budgets in an interim period after termination of FutMon. The PCG had decided to open the webGIS of the FutMon/ICP Forests database for internal use. Mr Lorenz also referred to the lobbying activities of PCC and mentioned the revision of the Manual.

7. Reports and publications by PCC included the Technical and Executive Report, the updated Manual and the Jubilee Brochure on the occasion of the 25th anniversary of ICP Forests, as well as scientific publications. Mr Lorenz thanked the NFC of Estonia for having organised a combined expert meeting on very short notice in March 2011.

Item 3: Reports by other ICPs

8. Connected via telephone, Ms Anne-Christine Le-Gall, France, presented main achievements and results of ICP on Modelling and Mapping focussing specifically on the “ex-post analysis”. Under this analysis the ICPs under CLRTAP had contributed results of scenario analyses on impact of deposition on various ecosystems. Results show that areas affected from acidification will be reduced by 2020 to between 2% and 4% depending on the scenario applied and that nitrogen inputs will constitute the main acidifying compounds. Between 24% and 61% of the EU 27 area are expected to be under risk of eutrophication by 2020 depending on the scenario applied.

9. Mr Lars Lundin, Sweden, reported on progress of the ICP on Integrated Monitoring and presented results from main activities including heavy metals, dynamic modelling, nitrogen critical loads and effects, biodiversity indicators, budgets and trends in S, N, H and BC, as well as air pollution and climate change interactions.

10. Ms Sabine Braun, Switzerland, presented main findings and achievements of the ICP Vegetation, mentioning specifically the results of the ex-post analysis for WGE. She presented results related to ozone impacts on food security and updated the ICP Forests Task Force on the present state of the on-going moss survey. Planned activities of the ICP Vegetation will focus on impacts of ozone on carbon sequestration and biodiversity and ecosystem services and on ozone flux based critical levels for different types of vegetation.

Item 4: Obligations towards WGE of CLRTAP

Mr Lorenz informed on the 2011 Workplan of WGE. Main activities of ICP Forests in 2011 under the Workplan include a report on forest soil condition at the European scale, a report on relationships between the exceedance of critical limits and forest vegetation response as well as a report on the development of forest biodiversity under different deposition scenarios. Mr Fischer, PCC of ICP Forests, presented the draft Executive Summary and informed that the draft glossy brochure would only be prepared after the Task Force Meeting.

Item 5: Further development of the programme

11. Mr Fischer presented the results of an inquiry among NFCs exploring the envisaged monitoring activities in 2011/12. Results show that Intensive Monitoring Plot numbers will be reduced due to the lack of co-financing after the FutMon project. Only one country indicated a complete stop of the programme. Financing is uncertain on 20% of the Level II plots in 2011 and on nearly 60% of these plots in 2012. The lack of co-financing will make it harder to operate a harmonized programme. National preferences will dominate. Most countries regard the national financing in 2011 and 2012 as a painful interim solution and will further reduce the activities without future co-financing after 2012. Crown condition surveys will be continued in nearly all countries. Full benefit from the network providing a basis for upscaling intensive monitoring results, and providing information on aspects of biological diversity or carbon issues would be based on additional assessments which can only be implemented through additional financing and projects. PCC will finalize the presented document and send a formal request to the NFCs reiterating the importance of continued monitoring after FutMon.

12. The institutions responsible for the BioSoil soil and biodiversity data present at the Task Force Meeting declared that the BioSoil data (i.e. soil and biodiversity modules) collected during the survey period 2004-2008 under Forest Focus (EC) No 2152/203 on the national/federal Level I and Level II plots may be integrally stored in the ICP Forests database, hosted by PCC. The BioSoil data should be used for transnational studies only. Access to these data by third parties is subject to ICP Forests data policy. The NFC's of the respective countries are responsible for the national/federal data. Countries that disapprove or are legally bound to impose specific restrictions or conditions for the transfer of BioSoil data to the ICP Forests database are kindly asked to send an official letter to the PCC until end of June 2011. PCC will inform the providers of the BioSoil soil and biodiversity data that were not represented at the meeting on this decision. These countries are asked to reply within three weeks after receipt of that letter in case that they disapprove the data transfer to the ICP Forests data base.

13. An update of the Intellectual Property Policy of ICP Forests was adopted as amended. Bodies under CLRTAP may now receive data without further consultation of the data providers through PCC. Within these so-called internal evaluations discussions and decisions on co-authorship are under the responsibility of the Expert Panels and bodies under the Convention. PCC will inform data providers on ongoing internal evaluations. PCC will inform data providers on evaluations carried out by PCC and offer the possibility to discuss results.

14. Mr Marco Ferretti (Chairman of the Quality Assurance Committee of PCG) presented the outline of a future data evaluation strategy for the ICP Forests. The Task Force decided to install an evaluation group within the PCG led by Mr. Ferretti. Interested participants are invited to take contact. Participants do not need to be members of the PCG. An operational evaluation strategy will be drafted and a possible back to back meeting with the PCG will be organized until October 2011. A first manuscript on the importance and requirements of a large-scale, harmonized forest monitoring programme is planned to be submitted to a scientific journal until March 2012. PCC and the host country of the 28th Task Force meeting will organize a scientific workshop in order to present results of scientific evaluations to be carried out by the Expert Panels and other groups. Expert Panels agreed to carry out at least descriptive data analyses until then. Marco Ferretti and Marcus Schaub (Chairmann of the

Working Group on Ambient Air Quality) agreed to explore possibilities for a Special Issue in a scientific journal to publish these evaluations.

15. NFCs and Expert Panels are again invited to regularly inform PCC on published articles with results based on Level I or Level II data. PCC will make this information available on the internet page and routinely inform NFCs on recently published articles.

16. Mr Lorenz and Mr Nils König (Chairman of the Working Group on Quality in Laboratories) informed that PCC with support from the North West German Forest Research Institute would be willing to prepare a LIFE+ project proposal (“Environmental Forest Monitoring -EnForMon”) as follow-up to the FutMon project. The Task Force welcomed this initiative and decided that such a proposal should strongly focus on an implementation of the monitoring system as revised under FutMon and not on the development of new monitoring components and surveys. A specific biodiversity related proposal should be submitted under LIFE+ in 2012. The offer of METLA to take the lead in such a proposal was greatly appreciated.

17. Mr Lorenz informed the Task Force on on-going discussions in the Standing Forestry Committee (SFC) of the European Commission on future forest information systems and on the drafts prepared by a dedicated Expert Group within the SFC. He reported that EC interprets forest monitoring solely as large-scale representative assessments, wants to rest it on national forest inventories (NFIs), and doubts the political relevance of the Level II data assessed by ICP Forests. Mr. Lorenz described his participation in the ad hoc Working Group on Forest Information of the SFC and explained his efforts in convincing EC of the value of Level II. He announced to propose to the members of the SFC items for discussion, approval, or rejection prior to each meeting. The Task Force reiterated the support for Mr Lorenz representing ICP Forests in ad hoc Working Group.

18. Mr Arnould Brizay on behalf of FAO/UNECE and the FE Liaison Unit presented the draft State of Europe’s Forests Ministerial Report and thanked the ICP Forests for the valuable contributions.

Item 6: Results and reports of ICP Forests in 2011

19. Mr Fischer and Mr Lorenz presented an overview on the contents of the ICP Forests Technical Report 2011 as well as on the numbers of plots with data submission as a basis for the current evaluations.

20. Mr Stefan Meining (Germany) presented current tree crown condition on Level I and the state of damage causes on Level I plots.

21. Ms Tiina Nieminen (Finland) presented results of the BioSoil+ soil evaluation as carried out by Bruno de Vos and Nathalie Cools.

22. Mr Pasi Rautio (Chairman of the Expert Panel on Foliage and Litterfall) presented results of evaluations targeted at determining critical limit exceedances as carried out by PCC.

23. Mr Hans-Dieter Nagel (Germany) and Mr Thomas Scheuschner (Germany) presented results on critical load exceedances and dynamic soil solution modelling based on Level II data.

24. Ms Angela Schlutow (Germany) presented results of applications of the BERN model. The Task Force stressed that there was need to discuss these results with national experts. A respective workshop will be organized by PCC. The results will only be published in the Executive Report after such a workshop. In the Technical Report it will be emphasized that model results are not a prediction of future conditions on the plots.

25. Mr Matthias Dobbertin (Switzerland) presented growth evaluations that had been carried out in cooperation with Mr Markus Neumann (Austria) and Mr Georg Kindermann (Austria).

26. Mr Konstantin Olschofsky (Germany) presented the currently applied approach for the regionalization of meteorological data.

27. Mr. Jochheim (Germany) and Mr Janott (Germany) presented results of the application of the BIOME-BGC model based on Level II data.

28. Mr Paolo Giordani (Italy) presented results of a new evaluation of ForestBIOTA epiphytic lichen data in relation to nitrogen deposition data.

Item 7: Monitoring activities of ICP Forests

29. Mr Ferretti and Mr König informed on the current status of quality assurance and control within the programme. Mr Ferretti informed that a proposal for a scientific book had been submitted to Elsevier aiming to publish the ICP Forests monitoring methods based on the revised manual. The Task Force decided to continue with a reduced laboratory ringtest programme in case that no continuation of a co-financing through the European Commission was possible.

30. Mr Johannes Eichhorn (Chairman of the Expert Panel on Crown Condition) presented first results from a comparison of leaf area index measurement methods (terrestrial laserscanning, airborne laserscanning, Plant Canopy Analyzer, litter traps). The Task Force acknowledged the importance of the comparison as a basis for the development of a LAI manual part. Mr Eichhorn confirmed that his institute would take the lead in developing a draft for such a Manual part until 2012.

31. Mr Eichhorn presented results of the photo intercalibration course for tree crown assessments. The Task Force agreed to continue annual field ICCs for northern, central and southern Europe and to combine these with photo ICCs every second year. Mr Eichhorn resigned from his position as chair of the Expert Panel on Crown Condition. The Task Force acknowledged his engagement in this Expert Panel and thanked him for his excellent work over so many years. Mr Peter Roskams (Belgium) was nominated as his successor. The Expert Panel was renamed as Expert Panel for Crown Condition and Damage Causes. The Working Group on Damage Causes was closed.

32. Mr Peter Roskams (Chairman of the Expert Panel on Crown Condition and Damage Causes) presented results from the Assessment Course of Damage Causes.

33. Ms Karin Hansen (Chairperson of the Expert Panel on Deposition) informed on recent achievements of the Expert Panel.

34. Mr Daniel Zlindra (Co-chairman of the Expert Panel on Deposition) presented the results of a comparison between different national throughfall samplers and a standardized sampler.

35. Mr Schaub informed on recent achievements of the Working Group on Ambient Air Quality, including ringtest results for passive samplers and training course for visible ozone injury. The Task Force followed his proposal to turn the Working Group into an Expert Panel on Ambient Air Quality.

36. Mr Pat Neville (Chairman of the Expert Panel on Ground Vegetation and Biodiversity) presented an update of the Manual part on Ground Vegetation Assessments which was adopted. Also presented was a new part on epiphytic lichen assessments. The Task Force expressed its concern that there had been not enough time for expert discussions before the Task Force Meeting and asked the Expert Panel to discuss and further elaborate this part and to resubmit the draft together with a part on deadwood assessments for adoption in 2012.

37. Ms Tiina Nieminen presented the update of the soil solution manual. The Task Force adopted the new manual part.

38. Mr Pasi Rautio informed on ongoing data checks and evaluations in the Expert Panel on Foliage and Litterfall. He confirmed that a new manual part on the determination of nutrient budgets of ground vegetation was planned to be ready for adoption by the Task Force in 2012. He informed that Ms Rona Pitman had wished to resign as Co-Chair for Litterfall. The Task Force asked him to deliver the thanks of ICP Forests to Ms Pitman and agreed to nominate Ms Liisa Ukonmaanaho (Finland) as her successor.

39. Mr Stephan Raspe (Chairman of the Expert Panel on Meteorology and Phenology) informed on recent achievements and results of the Expert Panel including a comparison of water budget models and on planned future activities like upscaling the models from Level II to Level I.

40. Mr Egbert Beuker (Co-Chairman of the Expert Panel on Meteorology and Phenology) presented experiences with the camera based monitoring of forest tree phenology. Mr Beuker resigned from the function of the Co-Chairman. The Task Force thanked him for his competent work in the field of phenological assessments. Ms Ursa Vilhar (Slovenia) was nominated as his successor.

41. Mr Fischer presented the following summarizing list of on-going internal evaluations and invited interested experts to get in contact with the responsible lead authors

- Effects of critical limit exceedance in soil solution (Peter Waldner)
- Results of modelling soil solution chemistry (VSD+) and plant diversity (BERN) (Hans-Dieter Nagel, Richard Fischer)
- Analysis of forest growth data on intensive monitoring plots (Matthias Dobbertin)
- Carbon budget models BIOME BGC (Hubert Jochheim, Richard Fischer)
- Regionalisation of meteorological data (Konstantin Olschofsky)
- Deposition trends (Peter Waldner)
- Epiphytic lichen diversity in relation to atmospheric deposition (Paolo Giordani)

Item 8: Cooperation with international organisations

42. Mr Hiroyuki Sase (Japan) reported on the latest developments and results of the Acid Deposition Monitoring Network in East Asia (EANET). The Network Center for EANET has been renamed to Asia Center for Air Pollution Research (ACAP, www.acap.asia).

43. Ms Annemarie Bastrup-Birk (Denmark) reported on the work of a new COST Action FP 1001 USEWOOD, aiming at improving data and information on potential supply of wood resources.

44. Mr Lorenz informed on progress within the FutMon project and invited to the Final FutMon Workshop to take part on 21 June 2011 in Brussels.

45. On behalf of Ms Elena Paoletti (Italy), Mr Fischer reported on the latest developments and work within COST Action FP 0903 “Climate Change and Forest Mitigation and Adaptation in a Polluted Environment (MAFor)”.

46. On behalf of Mr Michael Mirtl (Austria), Mr Fischer reported on cooperation with LTER Europe. LTER Europe maintains a meta data base on terrestrial and aquatic monitoring and research sites. At present 57 ICP Forests Level II sites are registered. PCC encouraged National Focal Centres of ICP Forests to collaborate with National Focal Points of LTER Europe and to register Level II sites in order to take benefit from the wider LTER Network. Several Task Force Members reported on positive national experience in this context.

47. Mr Schaub reported on latest activities within IUFRO section 7.01.00 – Impacts of air pollution and climate change on forest ecosystems.

Item 9: Organisational issues

48. The Task Force adopted the Executive Summary as amended for presentation to the Working Group on Effects.

49. The Task Force took note of the list of activities and tasks of ICP Forests (Annex 3).

50. The Task Force took note of the financial statement given by PCC for 2010 (Annex 4) and agreed on the revised budget of ICP Forests for 2012 (Annex 5).

51. The Task Force took note of the list of voluntary contributions towards financing of ICP Forests. It reiterated its invitation to all participating countries to provide their voluntary contributions through the UNECE secretariat as early as possible in the year. Banking details will be circulated by PCC.

Item 10: Other business

52. Mr Fischer presented a new version of the www.icp-forests.org webpage and invited all Task Force Members to register.

Mr Pawel Lech invited the Task Force to hold its 28th meeting in Poland in May 2012. The Task Force thanked Poland for the kind invitation.

Closing

53. Mr Lorenz on behalf of the Task Force thanked the Danish organisers for their hospitality and the professional arrangements of the 27th Task Force Meeting and closed the meeting.

Annex 1:

List of participants

Last name	First name	Institution	Country
Aristarchou	Aristarchos	Cyprus Forestry Department	Cyprus
Asi	Endla	Estonian Environment Information Centre	Estonia
Augustin, Dr.	Sabine	Federal Office for the Environment FOEN	Switzerland
Badea	Ovidiu	Forest Research and Management Institute (ICAS)	Romania
Bastrup-Birk	Annemarie	Forest & Landscape, University of Copenhagen	Denmark
Beniusis	Ricardas	Lithuanian State Forest Service	Lithuania
Beuker	Egbert	Finnish Forest Research Institute Metla	Finland
Braun	Sabine	Institute for Applied Plant Biology	Switzerland
Clarke	Nicholas	Norwegian Forest and Landscape Institute	Norway
Dobbertin	Matthias	WSL	Switzerland
Ferretti	Marco	TerraData environmetrics	Italy
Fischer	Richard	vTI - Institute for World Forestry	Germany
Flot	Jean-Luc	Ministère de l'agriculture	France
Garcia	Paloma	Forest Health Unit (DG Nature and Forest Policy)	Spain
Giordani	Paolo	University of Genova	Italy
Glebov	Roman	Russian centre of forest health	Russia
Granke	Oliver	vTI	Germany
Hansen	Karin	Forest & Landscape, University of Copenhagen	Denmark
Harrington	Fiona	Coillte	Ireland
Ingerslev	Morten	Forest & Landscape, University of Copenhagen	Denmark
Jakovljević	Tamara	Croatian Forest Research Institute	Croatia
Janott	Michael	Leibniz Centre (ZALF)	Germany
Jochheim	Hubert	Leibniz Centre (ZALF)	Germany
Karabiyik	Sureyya Banu	General Directorate of Forestry	Turkey
Karoles	Kalle	Estonian Environment Information Centre	Estonia
Kocyyigit	Mehmet	Ministry of Environment and Forestry	Turkey
Koenig	Nils	Northwestern Forest Research Station	Germany
Kovač	Marko	Slovenian Forestry Institute	Slovenia
Kramer	Peter	Representation: State of Baden-Württemberg	Belgien
Kristöfel	Ferdinand	Federal Research and Training Centre (BFW)	Austria
Lech	Pawel	Forest Research Institute	Poland
Libiete-Zalite	Zane	Latvia State Forest Reserach Institute "Silava"	Latvia
Lomsky	Bohumir	Forestry and Game Management Research Institute	Czech Republic
Lorenz	Martin	Institute for World Forestry	Germany
Lukina	Natalia	Centre for Forest Ecology and Productivity RAS	Russia
Lundin	Lars	Swedish University of Agricultural Sciences	Sweden
Meining	Stefan	Büro für Umweltüberwachung	Germany
Merilä	Päivi	Finnish Forest Research Institute (Metla)	Finland
Nagel	Hans-Dieter	OEKO-DATA	Germany
Napa	Ülle	Estonian Environment Information Centre	Estonia
Neagu	Stefan	Forest Research and Management Institute (ICAS)	Romania
Neville	Pat	Coillte	Ireland

Last name	First name	Institution	Country
Nicolas	Manuel	Office National des Forêts	France
Nieminen	Tiina M	Metla, the Finnish Forest Research Institute	Finland
Petrova	Lora	Executive Environment Agency	Bulgaria
Pompei	Enrico	Corpo forestale dello Stato	Italy
Popova	Genoveva	Executive Environment Agency	Bulgaria
Priwitzer	Tibor	National Forest Centre	Slovakia
Raspe	Stephan	Bavarian State Institute of Forestry	Germany
Rautio	Pasi	Finnish Forest Research Institute	Finland
Roskams	Peter	Research Institute for Nature and Forest	Belgium
Sanchez	Gerardo	Forest Health Unit (DG Nature and Forest Policy)	Spain
Sase	Hiroyuki	Asia Center for Air Pollution Research	Japan
Schaub	Marcus	WSL	Switzerland
Scheuschner	Thomas	OEKO-DATA	Germany
Schlutow	Angela	OEKO-DATA	Germany
Seletković	Ivan	Croatian Forest Research Institute	Croatia
Šrámek	Vit	Forestry and Game Management Research Institute	Czech Republic
Stoichkova	Penka	Ministry of Environment and Water	Bulgaria
Strich	Sigrid	Federal Ministry of Food, Agriculture and Consumer Protection	Germany
Stupak	Inge	Forest & Landscape, University of Copenhagen	Denmark
Szepesi	András	Ministry of Rural Development	Hungary
Temerit	Ali	General Directorate of Forestry	Turkey
Thomsen	Iben Margrete	Forest & Landscape, University of Copenhagen	Denmark
Vesterdal	Lars	Forest & Landscape, University of Copenhagen	Denmark
Waldner	Peter	WSL	Switzerland
Wulff	Sören	Swedish University of Agricultural Sciences	Sweden
Yamamoto	Hidemasa	Ministry of the Environment	Japan
Žlindra	Daniel	Slovenian Forestry Institute	Slovenia

Annex 2:

**27th Task Force Meeting of the
International Co-operative Programme
on Assessment and Monitoring of Air Pollution Effects on Forests
(ICP Forests)**

Copenhagen, Denmark, 15 - 19 May 2011

Agenda

15 May: Arrival, evening reception

16 May: Excursion

17/18/19(half day) May: Conference

Opening

Item 1: Adoption of the agenda

Item 2: Reports by the Programme Coordinating Centre (PCC)

Item 3: Reports by other ICPs

Item 4: Obligations towards WGE of CLRTAP

Item 5: Further development of the programme

Item 6: Results and reports of ICP Forests in 2010

Item 7: Monitoring activities

Item 8: Cooperation with international organisations

Item 9: Organisational issues

Item 10: Other business

Closing of the meeting

Activities and Tasks of ICP Forests June 2011 – May 2012

Implementation of the medium term strategy 2007-2015

- (a) Continuation of Level I and Level II forest monitoring
- (b) Further development of the ICP Forests data base
- (c) Fostering of scientific analyses of the monitoring data
- (d) Strive for further EU-cofinancing from 2012 onwards

Assessments of air pollution effects

- (e) Calculation of trends in nitrogen and sulphur total deposition and comparisons with respective data calculated by means of an EMEP model (update)
- (f) Assessments of vegetation response to exceedances of critical limits
- (g) Assessments of the development of forest soils and vegetation under various scenarios of air pollution and climate change

Quality assurance and control

- (h) Further implementation of the overall QA/QC concept, including the development of quality indicators and definition of data quality requirements
- (i) Implementation of ringtests and field intercomparisons

Database management

- (j) Continuation and maintenance of the data submission and validation module for Level I and Level II data
- (k) Submission of Level I (2011) and Level II (2010) data by NFCs to PCC
- (l) Continuous update of data formats for Level I and Level II monitoring
- (m) Further development of data validation routines
- (n) Reorganization of data dissemination

Reports

- (o) Publication of the 2011 Executive and Technical Reports
- (p) Submission of the 2011 Executive Summary to WGE
- (q) Drafting of the 2021 Executive and Technical Reports

Meetings

- (r) ICP Forests International Cross Calibration Course for the Assessment of Tree Crown Condition - Central Europe: 11-14 June 2011, Zvolen, Slovak Republic
- (s) ICP Forests International Cross Calibration Course for the Assessment of Tree Crown Condition - Northern Europe: 14-16 June 2011, Oslo, Norway
- (t) COST meeting “Ozone, climate change and forests”: 14-16 June 2011, Prague, Czech Republic
- (u) ICP Forests/FutMon Heads of the Labs meeting: 16-17 June 2011, Arcachon, France
- (v) Final FutMon Workshop: 21 June 2011, Brussels, Belgium
- (w) ICP Forests International Cross Calibration Course for the Assessment of Tree Crown Condition - Mediterranean Europe: end June 2011, Madrid, Spain

Annex 4**Programme Coordinating Centre (PCC)
Financial Statement**

Period from 1 January to 31 December 2010

	US\$	€
Balance per 01.01.2010 (debit)	608 592	494 790
Expenses		92 015
Funds received	120 000	88 659
Balance per 31.12.2010 (debit)	665 622	498 146

Expenses

Consultants		0
Scientific staff/Administrative support personnel		83 272
Assistance to NFCs and CINT		0
Travel on official business		8 144
Expendable equipment		599
Operation and maintenance of equipment		0
Group training and meeting costs		0
Miscellaneous		0
Printing costs		0
Total		92 015

Annex 5:**Programme Coordinating Centre (PCC)
Revised Basic Budget**

Period from 1 January to 31 December 2012

Item	US\$
Consultants	0
Scientific staff and administrative support personnel	125.000
Travel on official business	10.000
Expendable equipment	5.000
Operation and maintenance of equipment	0
Group training and meeting costs	0
Assistance to NFCs of ICP Forests	0
Printing costs	5.000
Miscellaneous	5.000
Total	150.000