

Uppsala, November 10, 2008

EFORWOOD IP Board meeting (32) – Minutes

Time: November 4, 13:00-15:30 (CET)

Place: Telephone conference

Invited

IP Board members:

Gero Becker (GB), M3	Present
Jean-Michel Carnus (JMC), M2	Present
Denis Mc Gowan (DMG), M6	Present
Carl Olsmats (CO), M5	Present
Piotr Paschalis (PP), M0	-
Risto Päivinen (RP), M1	Present
Kaj Rosén (KR), M0	Present, Chairman
Anna von Schenck (AvS), M4	Present
Helena Wessman (HW), M4	Present

Others:

Arie Hooimeijer (AH), M4	-
Janine Fischbach (JF), M3	Present
Marcus Lindner (ML), M1	Present
Gunilla Rodfors (GR), M0	Present, Secretary
Diana Vötter (DV), M3	Present

1.	<p>Opening</p> <p>KR welcomed the participants and especially Helena Wessman, who will replace Anna von Schenck as Module Leader of M4 early next year, to the 32nd EFORWOOD IP Board meeting.</p>	
2.	<p>Minutes from IP Board meeting (31)</p> <p><u>Item 3. EAP-meeting</u></p> <p>Comments:</p> <ul style="list-style-type: none"> - Sawmills in the Baden-Württemberg region are carrying out an internal benchmarking activity. GB to look into the possibilities of getting some SME data from that activity for the collection of indicator values. <p><u>Item 4. Data collection and reporting, consequences for ToSIA analyses for the Case-studies and the EU-FWC</u></p> <p>Comments:</p> <ul style="list-style-type: none"> - Up-coming ToSIA analyses: The final formulation of "research questions" is a matter for the IP Board. This will be discussed at the up-coming IP Board meeting of December 4. - Update of the EFORWOOD Portal: This is in progress. ML has contacted Christian Gamborg. <p><u>Item 6. Total budget (CPF form A3.1) and possible needs for re-allocation</u></p> <p><u>Present status of total budget per partner</u></p>	<p>GB</p> <p>KR, IPB</p> <p>Christian Gamborg, DMG</p>

	<p>KR reported that transfers decided at IP Board 31 had been made and had been documented in the "Log of decided changes in the CPF A3.1 (budget 1-48)".</p> <p><u>Prolongation of EFORWOOD</u></p> <p>Decision:</p> <ul style="list-style-type: none"> - KR to discuss this matter with Astrid Kaemena and to take it up again at next IP Board meeting. <p><u>Item 7. Third Annual Reporting: The Implementation Plan for Months 37-48 and other reporting issues</u> <u>Templates 1 and 3</u></p> <p>GR reported that there is still some material missing from M5 and M6, but one the whole it is starting to look rather good.</p> <p><u>Template 2 on dissemination and IPR issues</u></p> <p>DMG reported that 9 partners have still not delivered Template 2. Deadline was September 25! <i>Please remember that all partners must deliver, even if you have nothing to report!</i></p> <p><u>Item 9. EFORWOOD Scientific Conference, September 16-17, 2009</u> <u>Co-organiser(s)</u></p> <p>CEPI and CEI-Bois had still not replied to KR's request for them being co-organisers of the Conference.</p> <p>The other items had already been taken care of or are covered by Items on the current Agenda.</p>	<p>KR</p> <p>KR</p> <p>M5 and M6, GR</p> <p>All, DMG</p> <p>CEPI, CEI-Bois, KR</p>
<p>3-4.</p>	<p>Third Annual Reporting: The Implementation Plan for Months 37-48 – Planning conditions & Update of the budget for Months 1-48 and consequences for the budget for Months 37-48</p> <p><u>Update of the budget of Months 1-48 and the situation after IP Board 31</u></p> <p>KR had distributed instructions for how to update the DoW and budget. Some partners had already delivered. No problems were expressed by the Module Leaders.</p> <p>GR said that hopefully the financial reporting of EFORWOOD Year 3 by partners will be finalized end of November.</p> <p><u>Consequences for the budget for Months 37-48 and the Implementation Plan</u></p> <p>KR reported that an updated version of the total EFORWOOD budget can be found in the log (Annex 2 to the Agenda of this meeting).</p> <p>As the budget is very tight, KR asked if the IP Board considered that there is a need for a prolongation of the Third Annual Reporting. The answer was no.</p>	<p>KR</p> <p>All, GR</p> <p>KR</p>
<p>5.</p>	<p>Need for new re-allocations of resources?</p> <p>KR listed a number of re-allocations, some already decided in IP Board minutes (31).</p> <p>Decisions:</p> <ul style="list-style-type: none"> - To allocate 3 person-months from "the 5%" of 2nd payment to SLU as Case-study coordinator for Months 37-48. (IP Board 31) - To allocate money to SLU for covering the common costs for the following three EFORWOOD Week meetings to be paid by SLU: a) 	<p>KR</p> <p>KR</p>

	<p>the current EFORWOOD Week meeting in Bordeaux, b) the coming EFORWOOD Week in Freiburg and c) the final EFORWOOD Week in September 2009. The cost of an EFORWOOD Week varies between 15 and 19 MEuro. The money is re-allocated from all partners as a percentage of their original budget. (IP Board 31)</p> <ul style="list-style-type: none"> - To allocate 1 extra man-month to ALUFR for Months 37-48 from "the 5%" of the 2nd payment for their work in the Baden Württemberg Case-study. (IP Board 32) - To allocate 2 extra man-months to FVA for Months 37-48 from "the 5%" of the 2nd payment in their capacity as Case-study coordinator. (IP Board 32) - To allocate 2 extra man-months to FCBA for Months 37-48 from "the 5%" of the 2nd payment in their capacity as Iberian Case-study coordinator. (IP Board 32) - To allocate 2 extra man-months to KCL as M4-Leader for the last 6-8 months' work. <p>As decisions had been made in man-months and, as the man-month cost is likely to differ from partner to partner, KR said some extra money had been accumulated, which could be re-allocated now as there may still be other needs. The following further decisions were made:</p> <p>Decisions:</p> <ul style="list-style-type: none"> - An internal re-allocation within M1 from SFI was agreed by the IP Board to be proposed by M1 for the up-coming budget. - An internal re-allocation of 2 man-months within M2 from KVL to CTEFC was accepted by the IP Board. - An allocation of 1 extra man-month to Skogforsk from "the 5%" of the 2nd payment for the DCP work was accepted by the IP Board. - To allocate EUR 40.000 from "the 5%" of the 2nd payment to the Final EFORWOOD Reporting and Conference as a reserve. - KR to come back regarding how to proceed in cases of under-spending in Year 3. - To assign to KR and CO to re-allocate money from AIDIMA to FCBA for Months 43-48 and to solve the matter in a package solution. <p>Finally KR read aloud the e-mail from Project Officer Astrid Kaemena concerning how late in the project money can be re-allocated between partners. There is obviously good flexibility in that respect.</p>	<p>KR, GB</p> <p>KR, GB</p> <p>KR, CO</p> <p>KR</p> <p>KR, RP</p> <p>KR, JMC</p> <p>KR</p> <p>KR</p> <p>KR</p> <p>KR, CO</p> <p>KR</p>
<p>6.</p>	<p>Third annual evaluation</p> <p>KR reported that Project Officer Astrid Kaemena is planning for 2 evaluation days in Week 4 in Stockholm or Brussels.</p> <p>Decision:</p> <ul style="list-style-type: none"> - For the IP Board members to block Week 4 in their calendars for the evaluation including an IP Board meeting. - So as to help the evaluators, the M-Leaders were asked to select the five most important deliverables (Ds and PDs) of EFORWOOD Year 3 from their own Module and report to KR on December 15 at the very latest. 	<p>KR, IPB</p> <p>M-Leaders</p>
<p>7.</p>	<p>EFORWOOD Scientific Conference, September 16-17, 2009 <u>Planning time table (1st, 2nd, 3rd announcements), Framework programme and content (themes), Plans for the Scientific Committee, Alternative dates</u></p>	

	<p><u>for the Conference</u></p> <p>Decisions:</p> <ul style="list-style-type: none"> - The draft first announcement was accepted after some amendments. - PP to see to it that the Scientific Board starts to work and that the second announcement to be distributed before Christmas 2008. - DMG to come back to the editor of the "European Journal of Forest Research" with information on session titles and if possible indicated presentaitons and well as on the matters of guest editor and of buying copies of the journal issue in advance. According to KR there is room for some 22 oral presentations during the Conference days. - To allocate money to M6 for buying the journal issues. - To make ample room for discussions and coffee breaks. - To make room for a discussion after every session. - To re-locate the Final Conference and the EFORWOOD Week from Stockholm to Uppsala. - To change the Conference dates to September 23-24, 2009. - To change the dates of the EFORWOOD Week in connection with the Final Conference to September 21-22, 2009. 	<p>KR</p> <p>PP</p> <p>DMG, KR</p> <p>KR</p> <p>KR</p> <p>KR</p> <p>KR</p> <p>KR, all to notice</p> <p>KR, all to notice</p>
<p>8.</p>	<p>Next IP Board meetings</p> <p>Decided - 2008:</p> <ul style="list-style-type: none"> - 4 December 13:00 CET (telephone conf.) <p>Decided - 2009:</p> <ul style="list-style-type: none"> - Week 4, January in connection with the Annual evaluation - February 18 at 13:00 CET (telephone conf.) - March 26 at 13:00 CET (telephone conf.) - Week 19 (4-8 May, full day meeting in Freiburg. Main focus on the start of the planning of the content of the final reporting) - June 10 at 13:00 CET (telephone conf.) 	
<p>9.</p>	<p>Feed-back from discussions with the Research Groups of CEPI and CEI-Bois</p> <p>KR reported that he, AvS, Ludovic Guinard and Katie Livesey attended the meeting. All of them considered the meeting to have been good. There is still some hesitation concerning possible misuse of the ToSIA tool and if also the EFI-GTM tool is needed.</p> <p>The latter issue was discussed and ML said that the need of the EFI-GTM tool would depend on the study case, RP that the availability of the EFI-GTM would be decided case by case and that, concerning costs involved, an expert may have to be hired to help with using the tool.</p> <p>AvS concluded that the Research Groups saw that it is a flexible tool and of use to small industries.</p> <p>Decision:</p> <ul style="list-style-type: none"> - To invite the two Reseach Groups to a plenary session at the EFORWOOD Week in Freiburg, May 2009, of the ToSIA application by ML and to WP4.4 specific side-meetings for discussions of the application of ToSIA. 	<p>KR</p>
<p>10.</p>	<p>Definition of priority indicators for the Case-studies and for the European FWC for 2015/2025</p>	

	<p>Background material to this Item had been distributed in the morning of the meeting by ML and the Excel sheets were gone through. ML read out aloud questions at issue, main criteria and input from Task Forces. He had received no input from the Scandinavian and the Iberian Case-study Task Forces.</p> <p>Decisions:</p> <ul style="list-style-type: none"> - ML to ask the Scandinavian and the Iberian Case-studies urgently to comment on this matter, with a deadline to be set by ML, and to delegate to ML and the experts he chooses to decide on the final list. Time is short and action is required swiftly. - ML to finalise the matter and to communicate the result on the EFORWOOD Portal (under the "Data Collection" tab). - DMG to decide on the best place on the Portal to publish the information. 	<p>ML, Scand. & Iberian Case-studies</p> <p>ML DMG</p>
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Date as above.



Gunilla Rodfors



Kaj Rosén

Overview of selected main indicators for demonstration of EFORWOOD SIA approach in different ToSIA applications.
 Not all sub-indicators are to be collected for selected main indicators - see Sheet "Sub-Indicator.in.cases"!!!

Not all

Indicator	BWB case study	Scandinavian case study	Iberian case study	EU-FWC
1. Gross value added	Selected	Selected	Selected	Selected
2. Production cost	Selected	Selected	Selected	Selected
3 Trade balance	Not selected	Not selected	?	Selected
4. Resource use	----- From ToSIA -----			
5. forest sector enterprise structure	Not selected	Not selected	Not selected	Not selected
6. Investment and R&D	Not selected	Selected	Not selected	Not selected
7. Total production	----- From ToSIA -----			
8. Productivity	----- From ToSIA -----			
9. Innovation	Not selected	Not selected	Not selected	Not selected
10. Employment	Selected	Selected	Selected	Selected
11. Wages and salaries	Selected	Selected	Selected	Selected
12. Occupational Safety and Health	Selected	Selected	Selected	Selected
13. Education and Training	Not selected	Not selected	Not selected	Not selected
14. Corporate social responsibility	Not selected	Not selected	Not selected	Not selected
15. Quality of Employment	Selected	?	Not selected	Not selected
16. Provision of Public Forest Services	Selected	?	Not selected	Selected
17. Consumer Behaviour and Attitudes	Not selected	Not selected	Selected	Not selected
18. Energy generation and Use	Selected	Selected	Selected	Selected
19. Greenhouse Gas Emissions and Carbon Stock	Selected	Selected	Selected	Selected
20. Transport	Selected	Selected	Selected	Selected
21. Water use	Selected	Selected	Selected	Not selected
22. Forest Resources	Selected	Selected	Selected	Selected
23. Soil Condition	Selected	Not selected	Not selected	Not selected
24. Emissions to Water and Air	Selected	Selected	Selected	Not selected
25 Biodiversity	Selected	Not selected	Not selected	Selected
26. Forest damage	Selected	???	Not selected	Not selected
27. Generation of Waste	Selected	Selected	Selected	Selected

Legend: Selected or not?

Demonstration Indicators

Not selected for demonstration

Overview of selected sub-indicators for demonstration of EFORWOOD SIA approach in different ToSIA applications

Indicator	BWB case study	Scandinavian case study	Iberian case study	EU-FWC	Legend: Selected or not?	Comments
1.1 - Gross value added (at factor cost) *					Demonstration Indicators	
2.1 - Production cost						
2.1.1 - Average cost - raw materials from FWC					Not selected for demonstration	
2.1.2 - Average cost - raw materials from outside FWC						
2.1.3 - Average cost - labour costs						
2.1.4 - Average cost - energy costs						
2.1.5 - Other productive costs						
2.1.6 - Non-productive costs						
2.2 - Share of cost of wood-based materials						
3.1.1 - Imports of wood and products derived from wood - Volume			?	1)		
3.1.2 - Imports of wood and products derived from wood - Value			?			
3.1.3 - Imports of wood and products derived from wood - Share of imports in total volume consumed			?			
3.2.1 - Exports of wood and products derived from wood - Volume						
3.2.2 - Exports of wood and products derived from wood - Value						
3.2.3 - Exports of wood and products derived from wood - Share of exports in total volume consumed						
3.3.1 - Net trade in wood and products derived from wood - Volume						
3.3.2 - Net trade in wood and products derived from wood - Value						
4.1.1 Wood-based material in total (from ToSIA)	----- From ToSIA -----					
4.1.2 - Other renewable materials in total						
4.1.2.1 - Other renewable materials - virgin origin						
4.1.2.2 - Other renewable materials - recycled origin						
4.2 - Volume of non-renewable materials in total						
4.2.1 - Volume of non-renewable materials - virgin origin						
4.2.2 - Volume of non-renewable materials - recycled origin						
5.1 - Number of forest holdings and forest-based enterprises in total						
5.1.1 - Number of forest holdings and forest-based enterprises - public						

1) DCP needs to be further specified to allow calculating this special indicator

5.1.2 - Number of forest holdings and forest-based enterprises - private				
5.2 - Average forest holding size				
5.2.1 - Average forest holding size - public				
5.2.2 - Average forest holding size - private				
5.3.1 - Micro and small forest based enterprise (0-49 employees),				
5.3.2 - Medium sized forest based enterprise (50-249 employees),				
5.3.3 - Large forest based enterprise (>250 employees)				
6.1 - Investment (gross fixed capital formation) in total				
6.1.1 - machinery and equipment		2)		
6.1.2 - vehicles				
6.1.3 - the value of land improvements				
6.1.4 - buildings				
6.2 - Research & Development expenditure in total				
6.2.1 - Research & Development - private expenditure				
6.2.2 - Research & Development - public expenditure				
7. Total production				From ToSIA
8. Productivity				From ToSIA
9.1 - Share of forest-based enterprises with new or significantly improved goods or services (merged categories)				
9.2 - Share of forest-based enterprises with new or significantly improved production process, distribution method, or support activity for goods o services (merged categories)				
9.3 - Share of turnover from new or significantly improved products as a share of total turnover				
10.1 - Employment - absolute number				
10.2.1 - Employment male - % of total				
10.2.2 - Employment female - % of total				
10.3.1 - Employment on enterprise sites located in rural areas				
10.3.2 - Employment on enterprise sites located in urban areas				
11.1 - Wages and salaries - total				
11.1.1 - Wages and salaries male				
11.1.2 - Wages and salaries female				
11.2.1 - Average wages & salaries per employee relative to country average				From ToSIA

2) fits to the technology scenario and would be good to include in CBA

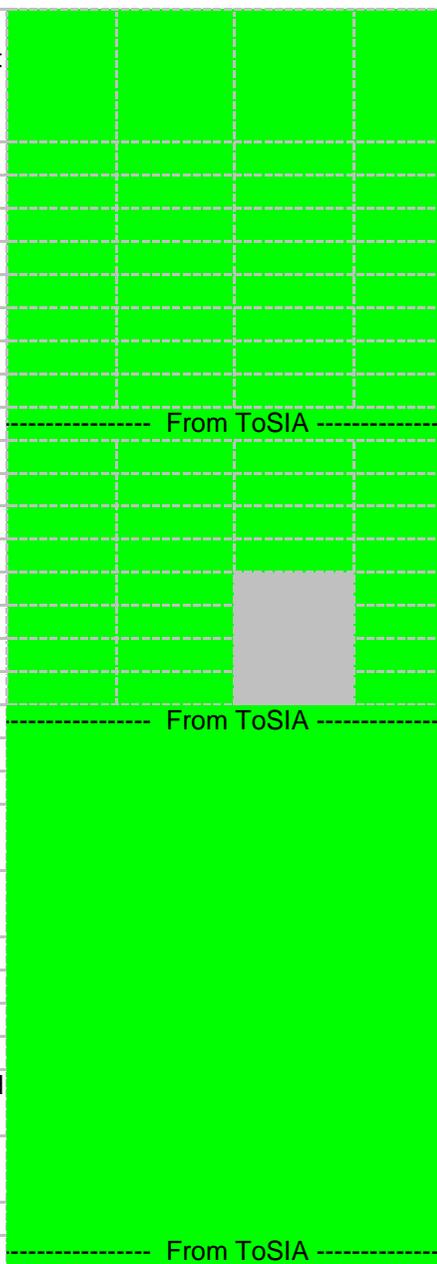
11.2.2 - Average wages & salaries per employee weighted by purchasing power parity	----- From ToSIA -----		
12.1 - Occupational accidents - total			
12.1.1 - Occupational accidents (non-fatal) - absolute numbers			
12.1.2 - Occupational accidents (fatal) - absolute numbers			
12.2 - Occupational diseases - frequency of cases in % per 1000 employees			
13.1.1 - Highest level of education of employees up to lower secondary education			
13.1.2 - Highest level of education of employees - post secondary and tertiary education			
13.2 - Training time per employee			
14.1. - Forest holdings and forest-based enterprises with third party certified management			
14.1.1 - Forest holdings and forest-based enterprises with third party certified management - Forest certification schemes			
14.1.2 - Forest holdings and forest-based enterprises with third party certified management - Environmental management system			
14.2. - Share of wood sourced from third party certified sustainable production			
15.1 - Persons employed part-time and employees with a contract of limited duration (annual average) in total		?	
15.1.1 - Persons employed part-time and employees with a contract of limited duration (annual average) - male		?	
15.1.2 - Persons employed part-time and employees with a contract of limited duration (annual average) - female		?	
15.2 - Self-employed persons		?	
16.1.1 Forest area designated for recreational use		?	
16.1.2 Forest area designated for protective services	3)	?	
16.2. Number of visits to forests		?	

3) WP2.3 to clarify which sub-indicator is feasible to collect data

			4)	
17.1. - Apparent consumption of wood per capita				
17.2.1 - Share of population perceiving forest area				
17.2.2 - Share of population perceiving forest biodiversity				
17.2.3 - Share of population perceiving forest health as stable or increasing				
17.3.1 - Share of population perceiving forest industry to be environmentally friendly				
17.3.2 - Share of population perceiving forest industry to be an attractive employer				
18.1 - On-site energy generation from renewables				
18.1.1.1 - On-site heat generation from renewables - residues from process - inputs				
18.1.1.2 - On-site heat generation from renewables - other wood biomass				
18.1.1.3 - On-site heat generation from renewables - non-wood based renewable heat				
18.1.2.1 - On-site electricity generation from renewables - residues from process				
18.1.2.2 - On-site electricity generation from renewables - other wood biomass				
18.1.2.3 - On-site electricity generation from renewables - non-wood based renewable electricity				
18.1.3.1 - On-site fuel generation from renewables excluding fuel used for mill site heat and electricity generation and excluding fuel that is used as a product further in the FW3 - residues from process				
18.1.3.2 - On-site fuel generation from renewables excluding fuel used for mill site heat and electricity generation and excluding fuel that is used as a product further in the FW3 - other wood biomass				

4) This indicator would fit to the consumption case study and the selected scenario

18.1.3.3 - On-site fuel generation from renewables excluding fuel used for mill site heat and electricity generation and excluding fuel that is used as a product further in the FW3 - Non-wood based renewable fuel production				
18.2 - Energy use				
18.2.1.1 - Energy use - Heat from renewable sources				
18.2.1.2 - Energy use - Heat from fossil sources				
18.2.2.1 - Energy use - Direct fuel use - renewable fuel				
18.2.2.2 - Energy use - Direct fuel use - fossil fuel				
18.2.3.1 - Electricity use - from 100% renewable sources				
18.2.3.2 - Electricity use - from 100% fossil sources				
18.2.3.3 - Electricity use - from the grid				
18.3 Energy self sufficiency				
19.1 - Greenhouse gas emissions				
19.1.1. Greenhouse gas emissions from machinery				
19.1.2. Greenhouse gas emissions from wood combustion				
19.2 - Carbon stock				
19.2.1 - Carbon stock in woody living biomass (above ground)				
19.2.2 - Carbon stock in woody living biomass (below ground)				
19.2.3 - Carbon stock in woody dead wood				
19.2.4 - Carbon stock in soils of forest				
19.2.5 - Carbon stock in wood products				
20.1.1.1 - Distance by mode - road transport - loaded				
20.1.1.2 - Distance by mode - rail transport - loaded				
20.1.1.3 - Distance by mode - water transport (inland waterways) - loaded				
20.1.1.4 - Distance by mode - water transport (maritime - sea-going ships) - loaded				
20.1.1.5 - Distance by mode - air transport - loaded				
20.1.2.1 - Distance by mode - road transport - unloaded				
20.2.1.1 - Freight volume - road transport - loaded capacity				
20.2.1.2 - Freight volume - rail transport - loaded capacity				
20.2.1.3 - Freight volume - water transport (inland waterways) - loaded capacity				
20.2.1.4 - Freight volume - water transport (maritime - sea-going ships) - loaded capacity				
20.2.1.5 - Freight volume - air transport - loaded capacity				
Ton km				



21.1 - Water use (freshwater intake by industry) [relevant for industry]				
21.2 - Water use (of the forest ecosystem)				
21.2.1 - Water use (of the forest ecosystem) - Evapotranspiration from the system				
21.2.2 - Water use (of the forest ecosystem) - Groundwater recharge				
22.1 - Forest and Other Wooded Land Area				
22.2.1 Growing stock classified by forest types				
22.2.2 Growing stock on forests available for wood supply				
				5)
22.4.1 - Balance of increments and fellings: Net annual increment				
22.4. Balance of increments and fellings				From ToSIA
22.5.1.1 - Age distribution: number of classes				
22.5.1.2 - Age distribution: coefficient of variation				
22.5.2.1 - Diameter distribution: number of classes				
22.5.2.2 - Diameter distribution: coefficient of variation				
23.1 - Chemical soil properties related to soil acidity and eutrophication (pH, CEC, C/N, organic C, base saturation), classified by main soil types				
23.1.1 - pH				
23.1.2 - CEC				
23.1.3 - C/N ratio				
23.1.4 - organic C				
23.1.5 - base saturation				
23.1.6 - site nutrient budget averaged over total rotation period (N, P, K, Ca, Mg)				
23.2 - Soil compaction from machine operations				

5) Inconsistency between DCP and Indicator framework needs to be removed. What is needed is growing stock and increment per process in M2

24.1.1 - Water pollution - organic substances (biochemical oxygen demand)				
24.1.2 - Water pollution - nutrients (nitrogen, phosphorus) as Nitrogen or TKN (Total KJELDAHL Nitrogen)				
24.2.1 - Non-greenhouse gas emissions into air - CO				
24.2.2 - Non-greenhouse gas emissions into air - NOx				
24.2.3 - Non-greenhouse gas emissions into air - SO2				
24.2.4 - Non-greenhouse gas emissions into air - NMVOC				
25 Biodiversity				
25.1.1 Area of forest & OWL by number of trees occurring				
25.1.1 Area of forest & OWL by forest type				
25.2.1 Volume of standing deadwood				
25.2.1 Volume of lying deadwood				
25.3. Protection status of area of forest and other wooded land				
26.1.1 - Area with damage classified by damaging agent - biotic				
26.1.1.1 - Area with damage classified by damaging agent - biotic - insects and diseases				
26.1.1.2 - Area with damage classified by damaging agent - biotic - wildlife and grazing				
26.1.2 - Area with damage classified by damaging agent - abiotic				
26.1.2.1 - Area with damage classified by damaging agent - abiotic - fire	6)	???		
26.1.2.2 - Area with damage classified by damaging agent - abiotic - storm, wind		6)		
26.1.2.3 - Area with damage classified by damaging agent - abiotic - snow, drought, mudflow, avalanche and other identifiable abiotic factors				
26.1.3 - Area with damage classified by damaging agent - human induced				
26.2 - Damage-induced wood supply				
27.1 - Generation of waste in total				
27.1.1 - Not classified as hazardous waste				
27.1.2 - Hazardous waste				
27.2.1 - Waste to material recycling				
27.2.2 - Waste to incineration				
27.2.3 - Waste to landfill				

6) WP 2.4 to clarify which sub-indicator to be collected. The DCP needs to be filled in according to standards