

**COFORD NEWSLETTER, DECEMBER 2008**  
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**INNOVAWOOD SUPPLEMENT**

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## 1 EVENTS, CONFERENCES AND COURSES

### *1.1 Events in brief*

Forest Day 2 - UNFCCC COP 14 Parallel Event Shaping the Global Agenda for Forests and Climate Change. Poznan, Poland. 6 December 2008. Visit [http://www.cifor.cgiar.org/Events/COP14-ForestDay/forest\\_day2008.htm](http://www.cifor.cgiar.org/Events/COP14-ForestDay/forest_day2008.htm) for more information.

Climate Change: Global Risks, Challenges and Decisions. 10-12 March 2009. Copenhagen, Denmark. For more information visit <http://climatecongress.ku.dk/>.

19<sup>th</sup> Session of the FAO's Committee on Forestry. Rome, Italy. 16-20 March 2009.

4<sup>th</sup> European Conference on Wood Modification. Stockholm, Sweden. 27-29 April 2009. For more information visit <http://www.ecwm4.com/>.

Shape Your Sustainability Tools (Eforwood Conference). Uppsala, Sweden. 23-24 September 2009. See section 1.2 and visit [www.eforwood.org](http://www.eforwood.org) for more information.

13<sup>th</sup> World Forestry Congress: Forest Development, a Vital Balance. Buenos Aires, Argentina. 18-25 October 2009. Visit <http://www.wfc2009.org/en/index.asp> for more information.

6<sup>th</sup> FTP Conference: From Research to Business. Stockholm, Sweden. 9-10 November 2009. Visit <http://www.forestplatform.org/index.php?mid=181> for more information.

### *1.2 Shape Your Sustainability Tools (Eforwood Conference)*

The final conference of the Eforwood project (FP6), entitled Shape Your Sustainability Tools, will be held in Uppsala, Sweden, on 23-24 September 2009.



### **Conference aim**

The conference will bring together researchers, policy makers and practitioners from all over the world to discuss the issue of sustainability impact assessment in the forest-based sector. Around the globe, tools for analysing sustainability are being

developed to help us make better choices. One of the conference focus areas will be on the main outcome of the Eforwood project, the ToSIA tool. ToSIA is a dynamic sustainability impact assessment model that analyses environmental, economic, and social impacts of changes in forestry-wood production chains, using a consistent and harmonised framework from the forest to the end-of-life of final products.

The conference will also provide an opportunity to combining experiences and expertise with other integrated EU projects (SENSOR, SEAMLESS and PLUREL) that are developing similar tools to support decision making on policies related to various areas of science, such as land use, environmental economics, socio-economics and landscape research.

A call for papers will be issued in late 2008.

### **Key topics**

- Criteria and indicators for Sustainability Impact Assessment of the Forestry-wood chain
- SIA methodology for the Forest-based Sector
- SIA on Case studies
- Scenario analyses
- Carbon footprint

The conference is sponsored by IUFRO and the 6<sup>th</sup> Framework Programme.

### **Background to Eforwood**

Europe's forest-based sector faces major challenges. Globalisation, changing trade relationships, as well as shifts in demography, lifestyles and consumption patterns have led to changing demands for forest products and services. Many of these developments challenge sustainable development.

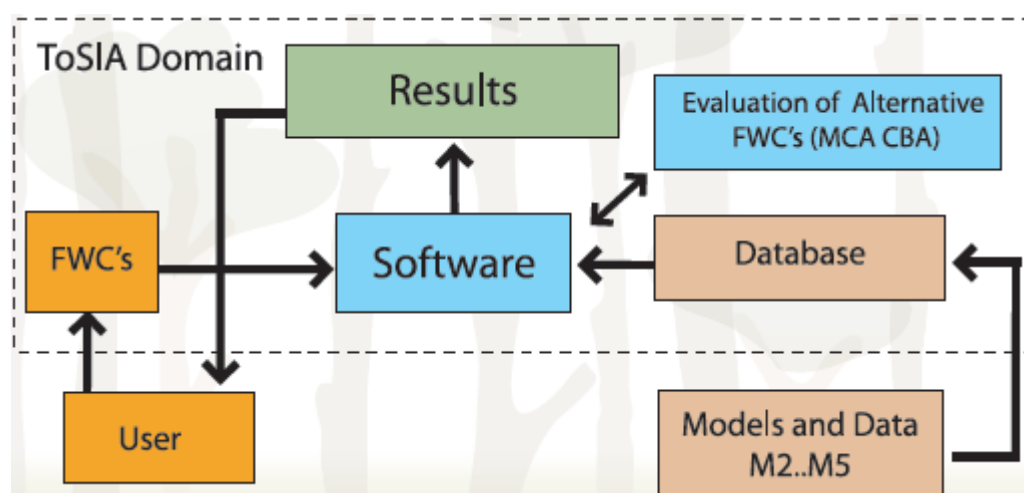
Through current debates about issues such as climate change, renewable energy, biodiversity, competitiveness and people's wellbeing, European forest and forestry issues have once again moved up on the political agenda. Europe's increasing forest resource, for example, supplies a forest products industry which is a global technology leader and which provides employment to millions of Europeans. Forest biomass can contribute to meeting the European Union's goals for more renewable energy.

On the other hand, the supply of raw material to paper, woodworking and other industries needs to be secured. Europe's forests also provide a wide range of essential ecosystem services, such as securing our drinking water, helping to mitigate climate change and providing settings for recreation and tourism.

Stakeholders in the European forest-based sector have one important thing in common, namely forests as a resource base. The sector is unique in providing a wide range of products and services in an environmentally-friendly way. Its raw material is grown in a biodiversity-rich, natural environment.

The forest-based sector is an example to other sectors when it comes to sustainable production processes. However, the fact that it is land-based and at the same time a high-tech industry makes it a very complex sector. It requires a careful balancing act between economic, social and environmental sustainability.

A decision support tool called ToSIA (Tool for Sustainability Impact Assessment) is the predominant product of the Eforwood project. It represents a dynamic sustainability impact assessment model for the analysis of the environmental, economic, and social impacts of changes in forestry-wood production chains, using a consistent and harmonised framework from the forest to the end-of-life of final products.



ToSIA will allow various end-users, such as forest-based industry, national and international policy makers and researchers to analyse the effects of changes due to deliberate actions (e.g., in policies or business activities) or due to external forces (e.g., climate change, global markets).

Some specific examples of situations in which ToSIA could be used are in the projection of the impacts of restrictions placed on timber harvesting, restrictions on the size of clear cuts or the setting of limits for the amount of toxic wastes released by the industry. The user may also wish to use this tool to study the impacts of the external trends such as changes in the concentrations of greenhouse gases in the atmosphere.

The difference between ToSIA and other existing tools is that it will be the first to address all three sustainability dimensions (environmental, economic and social) along the whole forest-wood chain in a balanced way.

## 2 EUROPEAN RESEARCH OPPORTUNITIES

### 2.1 Calls for proposals

The details of a number of calls under the People, Cooperation and Ideas Specific Programmes of FP7 and other EU programmes were presented in recent issues of the InnovaWood supplement to the COFORD newsletter. The deadlines for the submission of proposals in response to a number of these calls have passed. Other

calls remain open, however, including the ‘Nanosciences, Materials and New Production Technologies’ (NMP) working programme, which was published in November.

The closing dates for the submission of proposals are presented in table 1 below. Please refer to the InnovaWood supplement to the COFORD newsletter cited in the right hand column of the table below for more information about the programme in question. The links to the relevant newsletters can be found below the table.

**Table 1: Calls for EU-funded research under FP7 and other programmes.**

PROGRAMME	THEME / GRANT SCHEME	CLOSING DATE	COFORD NEWSLETTER
Cooperation	Biorefinery (joint call) (BIOREF)	02.12.08	June '08
Cooperation	Space (includes land cover related themes)	04.12.08	June '08
Ideas	ERC Starting Independent Researcher Grant	10.12.08	September '08
Capacities	Research for the benefit of SMEs	18.12.08	
People	European Reintegration Grants (ERG)	31.12.08	April '08
People	International Reintegration Grants (IRG)	31.12.08	April '08
Cooperation	Environment (incl. climate change) (ENV)	08.01.09	June '08
Cooperation	Food, agriculture, fisheries and biotechnology (KBBE)	15.01.09	June '08
Cooperation	Nanosciences, nanotechnologies, materials and new production technologies (NMP)	17.02.09	June '08
Cooperation	Energy (call part 2)	29.04.09	June '08

April: <http://www.coford.ie/iopen24/pub/pub/iwapril.pdf>

June: [http://www.coford.ie/iopen24/pub/pub/iwscoford\\_newsletter\\_june08.pdf](http://www.coford.ie/iopen24/pub/pub/iwscoford_newsletter_june08.pdf)

September: <http://www.coford.ie/iopen24/pub/pub/iws-september08.pdf>

## 2.2 FP7 Research topics with relevance for the forestry–wood chain (FWC)

In table 2 the research topics contained in the various FP7 work programmes for 2009 with relevance to various parts of the forestry sector are outlined.

**Table 2: Research topics of relevance to researchers in the FWC under FP7.**

WORK PROG.	PAGE NO.	TOPIC NO.	Topic	CLOSING DATE
ENV	12	1.1.3.1	Quantification and attribution of annual-to-decadal changes of carbon and GHG budgets in European terrestrial ecosystems to human and natural drivers and associated climate-carbon feedbacks	08.01.09
ENV	14	1.1.6.1	Integrated methodology providing a common platform for an improved assessment of climate change impacts, vulnerability and related cost effective adaptation measures	08.01.09
ENV	14	1.1.6.2	Options for adaptation strategies integrating sectoral and cross-sectoral measures in view of post-2012 climate initiatives	08.01.09
ENV	19	1.3.1.1	Forest fires in the context of climate and social changes	08.01.09
ENV	19	1.3.2.1	Costs of natural hazards	08.01.09
ENV	25	2.1.6.1	Sustainable forest management as a tool to prevent unwanted forest fires	08.01.09

ENV	25	2.1.6.2	Forest ecosystem genomics	08.01.09
ENV	32	3.1.3.1	Supporting sustainable nationwide and local wastes processing industry in ACP countries: legal framework, economical incentives, business/ organisational know-how	08.01.09
ENV	33	3.1.5.2	Benchmarking and labelling of the sustainability performance of buildings	08.01.09
ENV	38	3.3.2.1	Improved Life Cycle Impact Assessment methods (LCIA) for better sustainability assessment of technologies	08.01.09
ENV	47	4.2.3.1	Assessment of economic instruments to enhance the conservation and sustainable use of biodiversity	08.01.09
ENV	47	4.2.3.2	Enhancing connectivity between research and policymaking in sustainable development	08.01.09
KBBE	16	1-2-06	Developing new methods for valuing and marketing currently non-marketable forest functions, goods and services	15.01.09
KBBE	16	1-2-07	Meeting industrial requirements on wood raw-materials quality and quantity	15.01.09
KBBE	17	1-2-08	Assessing and reducing vulnerability of European forests to climate change and the consequences for industrial and societal needs – SICA (Russia)	15.01.09
KBBE	25	1-4-01	Development of detection methods for quarantine plant pests and pathogens for use by Plant Health Inspection Services	15.01.09
KBBE	26	1-4-02	Spatial analysis of rural development measures for effective targeting of rural development policies	15.01.09
KBBE	27	1-4-05	Policy and institutional aspects of sustainable agriculture, forestry and rural development in the Mediterranean partner countries – SICA (Mediterranean Partner Countries)	15.01.09
KBBE	43	3-1-01	Optimisation of secondary metabolite production in plants: localisation, transport and stability	15.01.09
KBBE	44	3-1-02	<i>Jatropha curcas</i> – breeding strategy – towards a sustainable crop for biomaterial and biofuels (SICA – India, Africa, Latin America)	15.01.09
KBBE	45	3-1-04	Prospecting for novel plant-produced compounds	15.01.09
KBBE	49	3-4-01	Biomass and bioproducts: sustainability certification and socioeconomic implications – Mandatory ICPC (Latin America and/or African ACP and/or Asia)	
KBBE	49	3-4-02	Biomass pre-treatment for optimised biomass deconstruction and analytical characterisation – SICA (Brazil)	15.01.09
SPACE	17	1.1.01	Stimulating the development of downstream GMES services	04.12.08
SPACE	20	1.1.02	Monitoring of climate change issues (extending core service activities)	04.12.08
ENERGY (call pt.2)	8	2.2.1	Biomass to electricity from energy crops and recovered fuels	29.04.09
ENERGY (call pt.1)	13	3.2.2	Biowaste as feedstock for 2 <sup>nd</sup> generation	25.11.08
ENERGY (call pt.3)	15	3.7.1	Support to the coordination of stakeholders' activities in the field of biofuels	25.11.08
ENERGY (call pt.2)	24	8.1.1	Energy efficiency in energy intensive industry	29.04.08
BIOREF- INERY	14 (of Energy work prog.)	3.3.1 (of Energy work prog.)	Sustainable biorefineries	02.12.08

BIOREF-INERY	14 (of Energy work prog.)	3.3.2 (of Energy work prog.)	Enhancing exchange of information, synergies and cross-fertilisation between projects in the field of biorefineries	02.12.08
NMP	18	2.4-1	New biomass-based composite materials and their processing	17.02.09
NMP	19	2.5-1	Light high-performance composites	17.02.09
NMP	22	3.2-1	Innovative pathways for sustainable chemical production	17.02.09
NMP	25	3.4-1	Automation and robotics for sustainable crop and forestry management	17.02.09
NMP	31	4.0-4	Reducing environmental footprint of energy intensive industries	17.02.09

The work programmes for all of the published calls can be found on the Cordis website ([http://cordis.europa.eu/fp7/home\\_en.html](http://cordis.europa.eu/fp7/home_en.html)). For more information about the topics of relevance to those in the forestry sector within each of the work programmes and for help finding potential partners contact InnovaWood at (01) 676 3181 or email [office@innovawood.com](mailto:office@innovawood.com).

### 3 INNOVAWOOD INFORMATION SERVICE

#### 3.1 InnovaWood projects

One of InnovaWood's main tasks is the dissemination of the knowledge derived from research projects carried out throughout the forest-based sector in Europe. To this end, we are actively involved in a number of EU-financed projects as the partner responsible for dissemination and knowledge transfer. We produce and distribute a wide variety of brochures, booklets and posters outlining the various aspects of the projects we are involved in. To receive an information pack detailing our current projects just send an email to [office@innovawood.com](mailto:office@innovawood.com). Our current projects are listed in the table below.

TITLE	TOPIC	WEBSITE
EFORWOOD	Sustainability Impact Assessment for the forest-based sector	<a href="http://www.eforwood.com">www.eforwood.com</a>
DIPP	Innovative particleboard	<a href="http://www.dipp-project.net">www.dipp-project.net</a>
ModelPACK	Modelling for improved packaging performance	<a href="http://www.modelpack.org">www.modelpack.org</a>
InnovaWood EDU	Best practice vocational education and training	<a href="http://www.innovawood.com">www.innovawood.com</a>
InnovaWood SSA	An innovation strategy to integrate industry needs and research capability in the forestry/wood chain	<a href="http://www.innovawood-ssa.net">www.innovawood-ssa.net</a>
WoodEMC <sup>2</sup>	Middle manager education in the timber frame construction sector	<a href="http://www.leonardo-woodemc2.eu/">http://www.leonardo-woodemc2.eu/</a>
Change-Up	Change management in the upholstered furniture sector	<a href="http://www.change-up.org">www.change-up.org</a>

### *3.2 Forest-Based Sector Technology Platform: the first years*

To coincide with the 5<sup>th</sup> Conference of the FTP held in May of this year, the organisation has just published a glossy 18 page document summarising the progress that has been made since its inception in 2004. InnovaWood has a limited number of these brochures, which may be obtained by sending an email to [office@innovawood.com](mailto:office@innovawood.com).

### *3.3 Management of recovered wood: proceedings of the 3<sup>rd</sup> European COST E31 conference*

InnovaWood has a number of copies of the proceedings of last year's 3<sup>rd</sup> European COST E31 conference entitled 'Management of recovered wood – Reaching a higher technical, economic and environmental standard in Europe.' Edited by Dr. Christos Gallis, the 319 page book contains outlines of all 18 presentations held at the conference in Klagenfurt in May of last year, as well as four posters. To obtain a copy simply send an email to [office@innovawood.com](mailto:office@innovawood.com).

**FOR MORE INFORMATION PLEASE VISIT OUR WEBSITE AT  
[WWW.INNOVAWOOD.COM](http://WWW.INNOVAWOOD.COM)**