

Disclaimer:

Forest-Based Sector
Technology Platform



Dear Reader,

you will find an overview of relevant topics for the European forest-based sector within the current calls of Framework Programme 7 (FP7) from the European Commission Services as published on 20 July 2010.

PLEASE NOTE THAT THIS LIST DOES NOT CLAIM COMPLETENESS NOR DOES IT GUARANTEE FUTURE FINANCING.

Opportunities for support could be found under other areas within FP7 too.

**Brussels, JULY 2010,
FTP Management**

It is strongly advised to have a look at the official Call text published at http://cordis.europa.eu/fp7/home_en.html

COOPERATION, THEME 2: FOOD, AGRICULTURE AND FISHERIES, AND BIOTECHNOLOGY (KBBE)

General Information

Call: FP7-KBBE-2011-5

Publication: 20th July 2010

Budget: ~240 M€

Deadline: 25th January 2011

Evaluation Procedure: one stage submission procedure

Remark: General only 1 project per topic will be funded, but exceptions!

Call Topics related to the FTP Sector:

KBBE 1.1-01 Promoting conifer genomic resources

Funding scheme: Large Collaborative Project

Max. EC- Contribution: 6 M€

Content: The project should generate genomic and genetic resources and develop novel strategies for conifer tree breeding and forest management taking into account current and future environmental conditions.

Remark: US and CA participation encouraged, should build on former projects like Forestrac, Noveltree, Swedisch Picea Project, etc.

KBBE 1.1-04 Sustaining and managing forest tree genetic resources

Funding scheme: Small or medium-scale focused research project

Max. EC- Contribution: 3 M€

Content: Knowledge and information resources that provide the forest sector with adequate tools to continue adapting forests to changing environmental conditions should be created.

KBBE 1.2-05 Root signaling, growth and development under abiotic stress conditions

Funding scheme: Small or medium-scale focused research project

Max. EC- Contribution: 3 M€, thereof at least 10% have to be dedicated to SMEs

Content: Knowledge and tools should be generated that improve the understanding of root development under abiotic stresses.

Remark: Up to 2 projects will be funded

KBBE 1.2-07 Preserving the multifunctionality of European Mountain forests

Funding scheme: Small or medium-scale focused research project

Max. EC- Contribution: 3 M€, thereof at least 15% have to be dedicated to SMEs

Content: The aim is to foster economic activities and employment in marginal mountain regions and to help preserve important environmental functions.

KBBE 1.2-08 Forest Research in the Mediterranean Region – ERA-Net, mandatory ICPC

Funding scheme: ERA NET, Coordination Action

Max. EC- Contribution: 2 M€

Content: Reinforcement of scientific cooperation on forests throughout the Mediterranean Region.

Minimum requirement: 3 partners from member/associated countries and 3 partners from Mediterranean partner countries

Remark: Separate ERA NET call! Deadline: 22nd February 2011

KBBE 1-4-06 Towards land management of tomorrow – Innovative forms of mixed farming for optimized use of energy and nutrients

Funding scheme: Small or medium-scale focused research project

Max. EC- Contribution: 3 M€, thereof at least 25% have to be dedicated to SMEs

Content: The combination of new agro-forestry and livestock practises is specifically mentioned in the call text.

Remark: Up to 2 projects will be funded

KBBE 2.2.01 Development of functional foods and ingredients

Funding scheme: Large Collaborative Project

Max. EC- Contribution: 6 M€, thereof at least 35% have to be dedicated to SMEs

Content: The project should develop food and/or food ingredients from new sources (incl. forest based resources).

KBBE 2-3-03 Advanced and flexible technologies for active, intelligent and sustainable food packaging

Funding scheme: Small or medium-scale focused research project

Max. EC- Contribution: 3 M€, thereof at least 35% have to be dedicated to SMEs

Content: New sustainable packaging materials with lower environmental impacts as well as flexible packaging technologies for the food industry should be developed. Food safety and environmental issues are essential.

Remark: Up to 3 projects will be funded

KBBE 3.4-01 Novel biotechnological approaches for transforming industrial and/or municipal biowaste into bioproducts – mandatory ICPC

Funding scheme: Small or medium-scale focused research project

Max. EC- Contribution: 3 M€, thereof at least 25% have to be dedicated to SMEs

Content: The project should aim at improving the overall sustainability of the biomass processing industry by converting biowaste from municipal or industry sources into valuable bioproducts.

Minimum requirement: 2 partners from member/associated countries and 2 partners from ICPC

Remark: Up to 3 projects will be funded

KBBE 3.4-02 Towards a sustainable bio-industry – Biotechnology for renewable chemicals and innovative downstream processes

Funding scheme: Large Collaborative Project

Max. EC- Contribution: 9 M€, thereof at least 25% have to be dedicated to SMEs

Content: The project should concentrate on the material side of the biorefinery concept and develop the concept to at least a pilot scale application.

Remark: Candidate countries participation encouraged

KBBE 3-5-01 GM crops in the EU – systematically assessing environmental and economic impacts

Funding scheme: Large Collaborative Project

Max. EC- Contribution: 6 M€

Content: The goal is to establish a sound scientific system that identifies and quantifies environmental and economic impacts of GMOs.

Remark: Candidate countries and Industry especially SMEs participation encouraged

KBBE 3.6-01 Increasing the accessibility, usability and predictive capacity of bioinformatics tools for biotechnology applications

Funding scheme: Small or medium-scale focused research project

Max. EC- Contribution: 3 M€, thereof at least 25% have to be dedicated to SMEs

Content: Better exploitation of existing databases is envisaged.

Remark: Up to 3 projects will be funded

KBBE 4-01 Networking of KBBE relevant ERA-NETs

Funding scheme: Coordination Action

Max. EC- Contribution: 0,5 M€

Content: Best practise and exchange of knowledge between all ERANets relevant to the KBBE.

KBBE 4-04 Energy Efficiency in Agriculture

Funding scheme: Coordination Action

Max. EC- Contribution: 0,5 M€

Content: Coordination of all experts in the field of energy efficiency in agriculture and agro-forestry.

COOPERATION, THEME 4: NANOSCIENCE, NANOTECHNOLOGIES, MATERIAL AND NEW PRODUCTION TECHNOLOGIES (NMP)

General Information

Calls:

- FP7-NMP-2011-SMALL-5
- FP7-NMP-2011-LARGE-5

Publication: 20th July 2010

Budget: ~230 M€ (LCP+SCP)

Deadline first stage: ~4th November 2010 (max. 10+2 pages, Evaluation Criteria: S/T Quality + Impact)

2nd stage: ~ 28.04.2011

LCP min. EC: 4 M€ SCP max. EC: 4 M€

Call Topics related to the FTP Sector:

NMP 1.1-1 Smart and multifunctional packaging concepts utilizing nanotechnology

Funding scheme: Large-scale integrating collaborative projects

EC- Contribution: must be above 4 M€

Content: Focus will be on packaging recyclability, improved performance, safety and security in relation to nanotechnology used packaging.

Remark: Industry participation encouraged

NMP 1.2-3 Active nanomembranes/-filters/-absorbents for efficient water treatment with stable or regenerable low-fouling surfaces

Funding scheme: Small or medium-scale focused research projects

EC- Contribution: max. 4 M€

Content: Improvement of water purification processes in the industry.

Remark: Industry participation encouraged

NMP 2.3-1 Advanced packaging materials from renewable biogenic resources - SICA

Funding scheme: Small or medium-scale focused research projects

EC- Contribution: max. 4 M€

Content: The project should aim at reducing the environmental pollution due to packaging by better exploitation of raw material used so far and/or find new resources of raw material fitting to the packaging purpose.

Minimum requirement: 2 partners from member/associated countries and 2 partners from Latin American Countries

Remark: Industry participation required

NMP 3.1-1 Eco-design for new products

Funding scheme: Small or medium-scale focused research projects

EC- Contribution: max. 4 M€

Content: The aim is to establish methodologies for a fully eco-efficient product in different manufacturing sectors and reducing the use of resources by at least 20% and the production of waste by 50%.

NMP 3.4-1 Eco-efficient management of industrial water

Funding scheme: Large-scale integrating collaborative projects

EC- Contribution: must be above 4 M€

Content: Projects are expected to lead to a 20% reduction in water und related energy use.
Remark: Industry participation encouraged

NMP 2.2-5 Development of advanced compatible materials and techniques and their application for the protection, conservation and restoration of cultural heritage assets

Funding scheme: Small or medium-scale focused research projects

EC- Contribution: max. 3 M€, thereof at least 35% have to be dedicated to SMEs

Content: Long lasting, affordable solutions in the conservation of cultural assets are expected.

Remark: Joint call with Theme ENV Topic ENV 3.2.1-1 Budget: 12 M€

One stage procedure, deadline for submission: 16th November 2010

COOPERATION, THEME 5: ENERGY

General Information Call Part 1

Call Part 1: FP7-ENERGY-2011-1

Publication: 20th July 2010

Budget: ~ 74 M€

Collaborative Projects: no budget limitation

Evaluation Procedure: two stage submission procedure

Deadline for 1 stage: 16th November 2010 (max. 10+2 pages, Evaluation Criteria: S/T Quality)

Deadline for 2 stage: approx. 26.04. 2011

Call Topics related to the FTP Sector:

Energy 3.7-1 Development of new or improved standardised sustainable bio-energy carriers

Funding scheme: Collaborative Projects

EC contribution: No budget limit has been set

Content: A pilot scale testing of the production of bio-energy carries should be delivered.

Remark: Industry and SMEs participation is essential

Up to 3 projects will be funded

General Information Call Part 2

Call Part 2: FP7-ENERGY-2011-2

Publication: 20th July 2010

Budget: ~ 137 M€

Evaluation Procedure: one stage submission procedure

Deadline: 07th April 2011

If "predominant demonstration" than 70% of the budget for demo activities, max. 20% research, **no** budget limitation

Call Topics related to the FTP Sector:

Energy 5&6.2-2 Improving efficiencies and reducing GHG emissions through CO2 capture in industrial applications other than power_generation

Funding scheme: Collaborative project, predominant demo

Content: Project should demonstrate significant emissions' reduction, efficiency gains and CO2 capture in energy intensive industries.

Remark: Max. 1 project will be funded

Energy 8.1-2 Energy efficiency demonstration in manufacturing industry

Funding scheme: Collaborative project, predominant demo

Content: Projects should demonstrate significant CO2 reduction attributed to improved processes.

Remark: Key Industry participation is essential

Up to 2 projects will be funded

Energy 8.1-3 Energy efficiency in low-carbon industrial parks

Funding scheme: Coordination Action

Content: at least 3 existing industrial parks in 3 countries should cooperate in order to develop typologies, identify problems and work out solutions (develop models) for energy efficiency.

Remark: 75% of the partners should come from key Industry

Up to 2 projects will be funded

COOPERATION, THEME 6: ENVIRONMENT (incl. CLIMATE CHANGE)

General Information

Call: FP7-ENV-2011

Publication: 20th July 2010

Budget: ~155 M€

Evaluation Procedure: one stage submission procedure

Deadline: 16th November 2010

SCP max. EC: 3,5 M€, LCP EC: 4-7 M€, CSA: max. EC: 1 M€

Max. 1 project/LCP, 2 projects/SCP, CSA: no limitation on number of projects

Call Topics related to the FTP Sector:

ENV 1.2.3-2 Positive effects of natural environment for human health and well-being

Funding scheme: Collaborative Project (small or medium-scale focused research project)

Max. EC-Contribution: 3.5 M€

Content: Interconnection between health and natural outdoor environments.

ENV 1.3.2-2 Vulnerability and increased drought risk in Europe

Funding scheme: Collaborative Project (small or medium-scale focused research project)

Max. EC-Contribution: 3.5 M€

Content: Identification of most sensitive areas and sectors in Europe. Projects should capitalize on studies of historical past events.

ENV 1.3.4-1 Capacity building in natural hazards risks reduction

Funding scheme: Coordination Action

Max. EC- Contribution: 1 M€, thereof at least 15% have to be dedicated to SMEs

Content: Exchange of best practise and know how, capitalization on existing knowledge, building of a long-term hazard research network.

ENV 2.1.4-2 Behaviour of ecosystems, thresholds and tipping points

Funding scheme: Collaborative Project (large scale integrating project)

EC-Contribution: 4.0 – 7.0 M€

Content: The project should provide the means to assess ecosystem services and develop management strategies.

ENV 2.1.4-3 Improved comprehension of the utility of the concepts of value of biodiversity

Funding scheme: Collaborative Project (small or medium-scale focused research project)

Max. EC-Contribution: 3.5 M€

Content: Neutral analysis of alternative ways to encourage society about improved biodiversity.

ENV 2.1.6-1 Land-use and European forest ecosystems

Funding scheme: Collaborative Project (large scale integrating project)

EC-Contribution: 4.0 – 7.0 M€

Content: The establishment of an optimized land-use approach by means of e.g. decision support tools is the aim of the project.

ENV 4.1.4-1 Developing increased EO capacity for better agriculture and forestry management in Africa (SCP – SICA, min. 2 partners from MS/AS + 2 from Africa)

Funding scheme: Collaborative Project (small or medium-scale focused research project)

Max. EC-Contribution: 3.5 M€

Content: Utilization of existing and newly generated geo-information is the target of this topic.

Minimum requirement: 2 partners from member/associated countries and 2 partners from Africa

ENV-NMP 3.2.1-1 Development of advanced compatible materials and techniques and their application for the protection, conservation and restoration of cultural heritage assets

Funding scheme: Small or medium-scale focused research projects

EC- Contribution: max. 3 M€, thereof at least 35% have to be dedicated to SMEs

Content: Long lasting, affordable solutions in the conservation of cultural assets are expected.

Remark: Joint call with Theme NMP Topic NMP 2.2-5 Budget: 12 M€

One stage procedure, deadline for submission: 16th November 2010

ECO Innovation Call within Theme Environment (incl. Climate Change)

General Information

Publication: 20th July 2010

Budget: ~ 50 M€

Evaluation Procedure: two stage submission procedure

Deadline for 1 stage: 16th November 2010 (max. 15+2 pages, Evaluation Criteria: S/T Quality + Impact)

Deadline for 2 stage: approx. 26.04. 2011

Call Topics related to the FTP Sector:

ENV 3.1.9-1 Eco-innovation

Funding scheme: Collaborative Project

Max. EC-Contribution: no budget limitation, but at least 30% of the EC contribution must be dedicated to SMEs

Content: Development of system solutions and/or eco-efficient environmental technologies that provide concrete environmental, social and economic improvements with respect to today's technologies.

EUROPEAN ECONOMIC RECOVERY PLAN; PUBLIC PRIVATE PARTNERSHIP (PPP)

General Information

The European Economic Recovery Plan adopted by the European Commission on 26th November 2008 and endorsed by the European Council on 11-12 December 2008 proposes actions to develop technologies for the manufacturing, construction and automotive sectors, which have recently seen demand plummet as a result of the crisis and which face significant challenges in the transition to the green economy. The Commission proposes to increase research financing through the RSFF instrument and to launch Public-Private Partnerships (PPPs) which provide the required support for initiatives like : „Factories of the Future“ (FoF), „Energy-efficient Buildings“ (EeB).

FP 7 rules are the guiding principals of these initiatives.

More information can be found on following web site:

http://ec.europa.eu/research/industrial_technologies/lists/list_114_en.html

Call Topics related to the FTP Sector:

1. "Energy-efficient Buildings" - Public-Private Partnership (EeB): (Cross-thematic Coordinated Call between NMP, ICT, Energy and Environment)

Publication: 20th July 2010

Deadline: 2nd December 2010

Evaluation Procedure: one stage submission procedure

Budget: 85,5 M€ (NMP: 40, ICT: 20, Energy: 20, ENV: 5,5)

FTP related topics from the Theme NMP

EeB.NMP-2011-1 Materials for new energy efficient buildings components with reduced embodied energy

Funding scheme: Large-scale integrating collaborative projects

EC- Contribution: must be above 4 M€

Content: Materials with at least 50% less embodied energy compared to the reference year 2005 and reduced costs of min. 15% should be developed. Technologies that integrate waste and recycled materials are thought for. Further key words: Standardisation issues, life cycle assessments, high thermal and acoustic properties.

Remark: Industry, especially SMEs and public authority participation encouraged

EeB.NMP-2011-3 Energy saving technologies for building envelope retrofitting

Funding scheme: Large-scale integrating collaborative projects

EC- Contribution: must be above 4 M€

Content: The development of new materials, products, components, systems and their compatibility with existing building functions is the main aim of this topic. Standardisation and recyclability issues and district concepts should be taken into consideration as well.

Remark: Industry participation encouraged

EeB.NMP-2011-4 Geo-clusters approach to support European energy-efficiency goals

Funding scheme: Coordination and Support Action

EC- Budget for this Topic: max. 1,0 M€

Content: Data and indicators for key geographical areas should be collected in order to define requirements and specifications for technology development.

FTP related topics from the Theme Energy

EeB.Energy 8.1-1 Demonstration of very low energy new buildings

Funding scheme: Collaborative Project, predominant demo

EC- Contribution: a fixed amount and in the demonstration part the EC contribution is fixed to 50€/m²

Content: Projects should demonstrate large scale market deployment of very low/zero energy building before 2020 and have a high potential of replication. Both residential and non-residential single buildings or a number of buildings are addressed.

Remark: up to 5 projects might get funding

FTP related topics from the Theme Environment (incl. Climate Change)

EeB.ENV.2011.3.1.5-1 Technologies for ensuring, monitoring and/or controlling a high quality indoor environment particular in relation to energy efficient buildings

Funding scheme: Small or medium-scale focused research projects

EC- Contribution: max. 2,5 M€

Content: Research should lead to new products/services for indoor quality indicator monitoring that provide building users and managers with efficient information and motivation for improvements and help promote innovation in the design, construction and maintenance of buildings.

Remark: Industry, SME participation encouraged

Up to 2 projects might get funding

EeB.ENV.2011.3.1.5-2 Operational guidance for Life Cycle Assessment studies of the Energy Efficient Buildings Initiative

Funding scheme: Support Action

EC- Contribution: max. 0,5 M€

Content: The project should increase the consistency and transparency of LCA studies carried out on energy efficient buildings.

Remark: only 1 project will get funding

FTP related topics from the Theme ICT

EEB-ICT-2011.6.4 ICT for energy-efficient buildings and spaces of public use

Funding scheme: Coordination and Support Action

EC- Contribution: max. 1,0 M€

Content: Bringing together all relevant stakeholders in the building and construction sector to promote the reduction of energy consumption and CO₂ emissions through ICT.

2. Public-Private Partnership "Factories of the Future" - Cross thematic cooperation between NMP and ICT

Publication: 20th July 2010

Deadline: 2nd December 2010

Evaluation Procedure: one stage submission procedure

Budget: 160 M€ (NMP:80, ICT: 80)

FTP related topics from the Theme NMP

FoF.NMP-2011-1 The Eco-Factory: cleaner and more resource efficient production in manufacturing

Funding scheme: Large-scale integrating collaborative projects

EC- Contribution: must be above 4 M€

Content: The project should foster the use of advanced sustainable technologies inside of factories and thereby reduce the resource consumption, energy and waste by at least 20%.

Remark: Industry, especially SME participation encouraged

FoF.NMP-2011-4 High tech solutions in the production processes for customized green, safe and healthy consumer products

Funding scheme: SME dedicated collaborative project

EC- Contribution: no budget limitation, but at least 35% of the EC contribution must be dedicated to SMEs

Content: The project should exploit the potential of new consumer goods that are significantly influenced by societal concerns on consumer health, safety and well being. One focus should be the integration on new high-performance and eco-compatible materials for personalised green customer products.

FoF.NMP-2011-5 Towards zero-defect manufacturing

Funding scheme: Large-scale integrating collaborative projects

EC- Contribution: must be above 4 M€

Content: Improve all steps that increase the robustness of processes and demonstrate the industrial relevance by including pilot implementations in industrial settings.

Remark: Industry participation encouraged

CAPACITY: RESEARCH FOR SMEs

General Information

Call: FP7-SME-2011.1

Publication: 20th July 2010

Budget: 110 M€

Evaluation Procedure: one stage submission procedure

Deadline: 8th December 2010

Minimum requirements:

- Min. 3 SMEs from 3 different member/associated countries
- Min. 2 independent RTD institutions

Typical Projects will have between 5 to 10 partners, an EC budget contribution between 0.5 and 1.5 M€ and a project duration between 1 to 2 years.

Topics: Bottom up

CAPACITY: RESEARCH FOR SME AGs

General Information

Call: FP7-SME-2011.2

Publication: 20th July 2010

Budget: 79 M€

Evaluation Procedure: one stage submission procedure

Deadline: 8th December 2010

Minimum requirements:

- Min. 3 SME AGs established in 3 different MS/AS or 1 EU SME AG (e.g. CEI-BOIS, CEPF, etc)
- Min. independent 2 RTD performers
- Min. 2 SME established in 2 different MS/AS (end users)

Typical projects will have between 10 to 15 participants, an EC budget contribution between 1,5 to 4,0 M€ and a project duration between 2 to 3 years

Topics: Bottom up

CAPACITY: RESEARCH INFRASTRUCTURE

General Information

Call: FP7-Infra-2011-1

Publication: 20th July 2010

Budget: ~ 103 M€ (integrating activities)

Evaluation Procedure: one stage submission procedure

Deadline: 25th November 2010

Max. EC contribution: 10 M€/project

Max project duration: 4 years

Activities that have to be included in the projects:

- networking
- transnational access and/or services (min. 1/3 of EC contribution)
- joint research

Funding scheme: Combination of CP and CSA

Call Topics related to the FTP Sector:

1.1.13 Research Infrastructures for Forestry Research (improve services for researchers)

Other Topics of interest for FTP

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1.1.8 Facilities and resources for plant phenotyping (high throughput plant phenotyping)

1.1.10 Research Infrastructures for Carbon Cycle Observation (integrate ICOS with IMECC and others)

1.1.11 Integrated non CO₂ greenhouse gas Observing Systems

1.1.15 Research Infrastructures for thermo-chemical biomass conversion (focus on 2nd generation biofuels)