

## **Disclaimer**

**Dear Reader,**

**below you will find an overview of relevant topics for the European forest-based sector within the calls of Framework Programme7 from the European Union as published on 30 July 2009. 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, Summer 2009, FTP Management**

## **1. COOPERATION, THEME 2: FOOD, AGRICULTURE AND FISHERIES, AND BIOTECHNOLOGY (KBBE)**

### **General Information**

**Call:** FP7-KBBE-2010-4

**Publication:** 30th July 2009

**Budget:** 190 M€

**Deadline:** 14th January 2010

**Evaluation Procedure:** one stage submission procedure

**Remark:** Max. 1 project per topic will be funded

### **Call Topics related to the FTP Sector:**

#### **KBBE.2010.1.4-06: EU-Russia Partnership-Initiative in Microbes - Plants Biodiversities – Mandatory Russia**

Funding scheme: Coordination and Support Action

Max. EC- Contribution: 0.5 M€

Content: The call text explicitly refers to the relation between plants – microbes – soil and biodiversity in forests as a possible project item.

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

#### **KBBE.2010.1.4-09: Analysis of the potential of the pine wood nematode (*Bursaphelenchus xylophilus*) to spread, survive and cause pine wilt in European coniferous forests in support of EU plant health policy**

Funding scheme: Small or medium-scale focused research project

Max. EC- Contribution: 3 M€

Content: The project should identify and help to implement strategies to eradicate or control the pine wood nematode.

Remark: North American and Asian countries that have already problems with the pine wood nematode should be involved in the project.

#### **KBBE.2010.2.3-01: Development of biodegradable food packaging**

Funding scheme: Small or medium-scale focused research project

Max. EC- Contribution: 3 M€

Remark: The food packaging material should be based on a side/waste product from the food industry.

#### **KBBE.2010.3.1-01: Promoting global cooperation to facilitate and accelerate knowledge transfer on abiotic stress tolerance of plants – Mandatory ICPC (Latin America and/or Asia and/or Eastern Europe and Central Asia and/or ACP and/or the Mediterranean Partner Countries)**

Funding scheme: Coordination and Support Action

Max. EC- Contribution: 1 M€

Minimum requirement: 3 partners from member/associated countries and 3 partners from Latin America/Asia/Mediterranean countries

**KBBE.2010.3.3-02: Biotechnology for 'greening' the chemical industry – Industrial bioprocesses for fine and speciality chemicals and intermediates**

Funding scheme: Large scale integrating project

Max. EC- Contribution: 9 M€

Content: The project should aim at replacing conventional chemical processes through biobased processes (eg. biorefining).

Remark: The involvement of partners from industry especially SMEs is essential.

**KBBE.2010.3.5-01: Biotechnology for the environment - Soil and water treatment and bioremediation**

Funding scheme: Small or medium-scale focused research project

Max. EC- Contribution: 3 M€

Content: Plants found in the forests could be part of the solution.

Remark: SME and end user participation is essential.

Up to 3 projects will be funded.

**KBBE.2010.4-03: Towards a Latin America & Caribbean Knowledge Based Bio-Economy in partnership with Europe**

Funding scheme: Coordination and Support Action

Max. EC- Contribution: 0.5 M€

Minimum requirement: 4 partners from member/associated countries and 4 partners from Latin America/Caribbean countries

## **2. COOPERATION, THEME 4: NANOSCIENCE, NANOTECHNOLOGIES, MATERIAL AND NEW PRODUCTION TECHNOLOGIES (NMP)**

### **General Information**

#### **Calls:**

- FP7-NMP-2010-SMALL-4
- FP7-NMP-2010-LARGE-4
- FP7-NMP-2010-SME-4

**Publication:** 30th July 2009

**Budget:** ca. 300 M€

**Evaluation Procedure:** two stage submission procedure

**Deadline for 1 stage:** 8<sup>th</sup> December 2009

### **Call Topics related to the FTP Sector:**

#### **NMP.2010.1.2-2 Substitution of materials or components utilising "green nanotechnology"**

Funding scheme: Small or medium-scale focused research projects

EC-Contribution: max. 4 M€

Content: Focus will be on one or several aspects of nano materials („green“ additives, functional nano composites, etc.)

#### **NMP.2010.3.1-1 New industrial models for a sustainable and efficient production**

Funding scheme: Small or medium-scale focused research projects

EC- Contribution: max. 4 M€

Content: New models, methods, tools and networking should allow a significant increase in production in a sustainable and efficient European industry especially in SMEs.

#### **NMP.2010.3.4-1 Manufacturing systems for 3D-shaped, multilayered products based on flexible materials**

Funding scheme: Large-scale integrating collaborative projects.

EC- Contribution: must be above 4 M€

#### **NMP.2010.4.0-4 A new generation of multi-functional fibre-based products produced by new and flexible manufacturing concepts – SME**

Funding scheme: SME-targeted collaborative projects

No budget limit but min. 35% of the EC-contribution has to be dedicated to SMEs.

Content: The integration of actual developments in sensor-, nano- and biotechnology as well as IT for a new generation of paper and board products is aimed at. E.g. an interaction between package and consumer and/or his environment should be made possible.

### 3. COOPERATION, THEME 5: ENERGY

#### **General Information | Call Part 1**

**Call Part 1:** FP7-ENERGY-2010-1

**Publication:** 30th July 2009

**Budget:** 54 M€

**Evaluation Procedure:** two stage submission procedure

**Deadline for 1 stage:** 15<sup>th</sup> October 2009

**Deadline for 2 stage:** approx. 11<sup>th</sup> March 2010

#### **Call Topics related to the FTP Sector:**

##### **ENERGY.2010.8.1-1: Valorisation of low temperature heat**

Funding scheme: Collaborative Project

No budget limit has been set.

Content: Low temperature heat (<120°C) for electricity production and cooling.

#### **General Information | Call Part 2**

**Call Part 2:** FP7-ENERGY-2010-2

**Publication:** 30th July 2009

**Budget:** 126 M€

**Evaluation Procedure:** one stage submission procedure

**Deadline:** 4th March 2010

#### **Call Topics related to the FTP Sector:**

##### **ENERGY.2010 4.5-1: Support to the coordination of stakeholders' activities in Renewables for Heating and Cooling**

Funding scheme: Coordination and Support Action (supporting action)

Max. EC-Contribution: 1.0 M€ (max. 1 project will be funded)

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

### General Information

**Call:** FP7-ENV-2010

**Publication:** 30th July 2009

**Budget:** 175 M€

**Evaluation Procedure:** one stage submission procedure

**Deadline:** 5th January 2010

### Call Topics related to the FTP Sector:

#### **ENV.2010.1.1.6-1 Climate change mitigation options linked to deforestation and agriculture in the context of a post-2012 international agreement on climate change**

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

Max. EC-Contribution: 3.5 M€

Key words: Harmonising of monitoring- and accounting, policy statements

#### **ENV.2010.1.2.3-1 Exposure models to assess the risks to operators, workers, residents and bystanders from exposure to plant protection products (PPPs)**

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

Max. EC-Contribution: 2.0 M€

Key words: Risk evaluation of PPPs, Directive 91/414/EEC

#### **ENV.2010.2.1.1-2 Integrated resource management based on land and landuse management**

Funding scheme: Collaborative Project (large scale integrating project)

EC-Contribution: 4.0 – 7.0 M€

Content: create knowledge in order to enhance the understanding of interactions and related decisions of politics related to agricultural, forestry, land management and environmental issues.

#### **ENV.2010.2.1.4-1 Functional significance of forest biodiversity**

Funding scheme: Collaborative Project (large scale integrating project)

EC-Contribution: 4.0 – 7.0 M€

Content: The project should provide improved scientific information on forest biodiversity in a changing environment which could be used for the management and sustainable use of forest ecosystems. Similar networks already established in the US as well as the Life+ project "FutMon" should be taken into account.

#### **ENV.2010.2.1.4-3 Developing a European scientific biodiversity Network to inform policy-making and economic actors**

Funding scheme: Coordination and Support Action (coordinating action)

EC-Contribution: Max. 2.0 M€

**ENV.2010.3.1.3-1 Innovative technologies and eco design recommendations for reuse and recycling of Construction and Demolition (C&D) waste, with a special focus on technologies for onsite solutions**

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

EC-Contribution: Max.3.5 M€

Remark: The involvement of partners from industry especially SMEs is essential.

**ENV.2010.4.2.2-1 Development of integrated economic and environmental accounts**

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

EC-Contribution: Max. 3.5 M€

Remark: Aspects regarding water – forests – waste within an integrated environmental and economic accounting could be part of the project.

**Call for Africa**

**General Information**

**Call:** FP7-AFRICA-2010

**Publication:** 30th July 2009

**Budget:** 63 M€

**Evaluation Procedure:** one stage submission procedure

**Deadline:** 14th January 2010

**Call Topics related to the FTP Sector:**

**ENV.2010.2.1.1-1 Integrated management of water and other natural resources in Africa**

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

Max. EC-Contribution: 3.5 M€ (only one project will be funded)

Content: Aspects regarding biodiversity within agriculture, forestry, soil and water should be tackled.

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

## 5. EUROPEAN ECONOMIC RECOVERY PLAN; PUBLIC PRIVATE PARTNERSHIP (PPP)

### General Information

The European Economic Recovery Plan adopted by the European Commission on 26 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 three Public-Private Partnerships (PPPs) which provide the required support to the three initiatives: „Factories of the Future“ (FoF), „Energy-efficient Buildings“ (EeB) and „Green Cars“ (GC).

FP 7 rules are the guiding principals of this initiatives.

More information can be found on following web site:

[http://ec.europa.eu/research/industrial\\_technologies/lists/list\\_114\\_en.html](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:** 30th July 2009

**Deadline:** 3rd November 2009

**Evaluation Procedure:** one stage submission procedure

**Funding scheme:** Collaborative projects

**Budget:** 65 M€

### FTP related topics from the Theme NMP

#### **EeB.NMP.2010-1 New nanotechnology-based high performance insulation systems for energy efficiency**

Content: The research should focus on development of nanotechnology based insulation systems for enhanced thermal and improved mechanical properties while reducing overall costs making wide-scale commercial application feasible, including the renovation of existing installations. Additionally the combination of insulation with other functionalities (e.g. fire prevention, self cleaning effects,...) could be included in the proposal.

Remark: Prominent industry participation will be essential.

#### **EeB.NMP.2010-2 New technologies for energy efficiency at district level**

Content: New technologies and methods that significantly decrease the energy consumption and the impact on the environment of buildings should be developed. The new technologies should contribute to a reduction of 50% in energy consumption compared to the 2005 values.

Remark: Prominent industry participation incl. SMEs will be essential. The projects are expected to cover demonstration activities, including pilot implementations in industrial settings.

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

### **EeB.ENV.2010-.3.2.4-1 Compatible solutions for improving the energy efficiency of historic buildings in urban areas**

Content: The objective is to develop new technologies and systems as well as compatible materials for improved energy efficiency of historic buildings while ensuring their sustainable protection and integration in urban areas.

## **FTP related topics from the Theme Energy**

### **EeB.ENERGY.2010.8.1-2 Demonstration of energy efficiency through retrofitting of buildings**

Content: The project(s) shall use innovation in technology, design, planning, operation or systems integration with a strong preference for residential buildings and address socio economic issues.

Remark: only close to market solutions should be proposed. Max. eligible costs are 100€/m<sup>2</sup> thereof 50€/m<sup>2</sup> will be funded by the EC. Up to 4 projects will be funded.

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

**Publication:** 30th July 2009

**Deadline:** 3rd November 2009

**Evaluation Procedure:** one stage submission procedure

**Funding scheme:** Collaborative projects

**Budget:** 95 M€

### **FoF.NMP.2010-2 Supply chain approaches for small series industrial production**

Key words: Rapid Manufacturing Technologies

Remark: Prominent industry participation incl. SMEs will be essential. The projects are expected to cover demonstration activities, including pilot implementations in industrial settings.

### **FoF.ICT.2010.10-1: Smart Factories: ICT for agile and environmentally friendly manufacturing**

Key topics:

- a) Integrated process automation and optimisation for sustainable manufacturing
- b) Real-time monitoring of energy use and material flow
- c) Robotics-enabled production processes tested and validated in real-world environments
- d) Laser applications

Proposals are expected to be industry-driven, to focus on the use of advanced ICT based technologies and to contain a strong validation element with quantifiable targets.

## 7. CAPACITY: RESEARCH FOR SMEs

### **General Information**

**Call:** FP7-SME-2010-1

**Publication:** 30th July 2009

**Budget:** 139.5 M€

**Evaluation Procedure:** one stage submission procedure

**Deadline:** 3rd December 2009

**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, a Budget between 0.5 and 1.5 M€ and a project duration between 1 to 2 years.

**Topics:** Bottom up