



---

# Biorefineries and Energy Calls summary

**30<sup>th</sup> September 2008**

***Helen Fairclough  
Energie Helpline UK***

**BERR** | Department for Business  
Enterprise & Regulatory Reform

**defra**  
Department for Environment  
Food and Rural Affairs



# Overview

---

- Introduction to the Energie Helpline
- FP7 introduction and key aspects
- 2009 Energy Calls
- 2009 Biorefinery Call



# Energie Helpline UK

---

- Funded by BERR and Defra
- Provide support for UK organisations on FP7 Energy and Intelligent Energy Europe
- Part of European National Contact Point network
- Programmes used to augment national funds and tackle issues of a European nature



# Framework Programme 7 (FP7)

---

- European Commission's funding programme for R&D
- 10 themes in total from health to space and security
- Total budget of 50.5B€ for 7 years
- Designed to enhance the competitiveness of Europe through collaborative research and supporting activity
- Total budget for energy is 2.3B€ (2007-2013)



## Key aspects of FP7

---

- Research and demonstration
- Collaborative
- Cost sharing:
  - Research - 50% (75% for SMEs, public bodies, universities)
  - Demonstration – 50%
- Commission defined priorities
- Innovative
- European impact



# Current status of the programme

---

Calls launched on 3<sup>rd</sup> September 2008 (245M€ budget)

## 4 Energy Calls:

- **FP7-ENERGY-2009-1** – 7 activities, 13 topics, 83M€, 2 stage submission, first stage deadline 25<sup>th</sup> November 2008
- **FP7-ENERGY-2009-2** - 6 activities, 8 topics, 100M€, single stage submission, deadline 29<sup>th</sup> April 2009
- **FP7-ENERGY-2009-3** – 6 activities, 6 topics, 5.5M€, single stage submission, deadline 25<sup>th</sup> November 2008
- **FP7-2009-BIOREFINERY** - Joint Call – same 2 topics in four programme areas, 57M€, submission process depends on topic area, deadline 2<sup>nd</sup> December (see Call text for full deadline information)



# Energy Topics covered (1)

---

## FP7-ENERGY-2009-1 (DG RTD):

- PV
- CSP
- Geothermal
- Cross cutting issues (offshore energy)
- Renewable fuel production (algae and biowaste)
- CO2 capture and storage
- Smart energy networks

Stage 1 – 10 pages plus 2 pages on consortium by 25<sup>th</sup> Nov 2008

Proposals representing 250% of budget taken to stage 2

## FP7-ENERGY-2009-2 (DG TREN):

- Renewable electricity (PV and biomass)
- Renewables for heating and cooling (solar thermal and hybrid systems)
- Clean coal
- Smart energy networks
- Energy efficiency in energy intensive industry
- SET-Plan Think Tank

Single stage submission by 29<sup>th</sup> April 2009

WP indicates number of projects to be funded in each area



# Energy Topics covered (2)

---

## **FP7-ENERGY-2009-3 (DG RTD):**

Coordination and support actions

- Technology Platform secretariats (50% funded, max 500k€ for 3 years):
  - PV
  - Biofuels
  - Zero Emission Energy Production
  - Smartgrids
- European energy infrastructure networks and systems transition planning
- Trans-national cooperation among NCPs

**Single stage submission by 25<sup>th</sup> November**



# Biorefinery Call (1)

---

## FP7-2009-BIOREFINERY

Joint Call from Food, Agriculture and Fisheries, and Biotechnology, NMP, Energy and Environment

A challenge to both the EU and the scientific community

Total budget of 57M€

Aims at the research, development and integration of innovative technologies to prove the viability of advanced biorefineries taking into account the entire value chain and sustainability issues

2 topics:

- Sustainable Biorefineries (Collaborative Project) 55M€
- Enhancing exchange of information, synergies and cross-fertilization between projects in the field of Biorefineries (Coordination & support action) 2M€



# Biorefinery Call (2)

---

Life cycle approach needed to avoid shifting-of-burdens:

- from one stage in a product's life cycle to another
- among countries, acting in a global market
- across different environmental and health impacts
- from one generation to another
- across different impacts (environmental, economic, social)

Relevant industrial participation is essential

Funding of a limited number of large, multi-disciplinary collaborative projects meeting the required level of integration, while remaining of a manageable size

Specific Guide for Applicants for proposals under this topic

Partners will be required to conclude a consortium agreement prior to grant agreement



# Biorefinery Call (3)

---

## **Sustainable Biorefineries (Collaborative Project) 55M€**

- **2 stage submission, stage 1 deadline of 2<sup>nd</sup> Dec 2008**
- **20 pages assessed for S/T Quality & Impact**
- **Stage 2 deadline of 5<sup>th</sup> May 2009, full proposal, assessed for S/T Quality, Implementation, Impact**

## **Enhancing exchange of information, synergies and cross-fertilization between projects in the field of Biorefineries (Coordination & support action) 2M€**

- **Single stage submission, deadline of 2<sup>nd</sup> December 2008**



# Further information

---

## Cordis website

<http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.FP7CallsPage#Energy>

[http://cordis.europa.eu/fp7/find-doc\\_en.html](http://cordis.europa.eu/fp7/find-doc_en.html)

## Mailbox

[RTD-BIOREFINERY-JOINT-CALL@ec.europa.eu](mailto:RTD-BIOREFINERY-JOINT-CALL@ec.europa.eu)



# Contact details

---

Energie Helpline UK

Tel: 0161 874 3636

Email: [energie@enviros.com](mailto:energie@enviros.com)

[www.berr.gov.uk/energy/energie/](http://www.berr.gov.uk/energy/energie/)

**BERR** | Department for Business  
Enterprise & Regulatory Reform

**defra**  
Department for Environment  
Food and Rural Affairs