






## Introduction to FP7 and the current Calls for Proposals

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 EU Energy Focus



## Introduction

- EU Energy Focus (Energie Helpline UK)
- Programme context
- Current Calls
- Key aspects of FP7
- Benefits of participation
- Format of the day




## EU Energy Focus



- Funded by the Department of Energy and Climate Change
- Provide support for UK organisations on European energy programmes
- Part of European National Contact Point network







## Strategic Energy Technology Plan

- EU's response to the challenge of **accelerating** the development of low carbon technologies
- Vision of a Europe with **world leadership** in a diverse portfolio of clean, efficient and low-carbon energy technologies
- Commission estimates that an additional investment of **€50 billion** is needed in energy technology research
- FP7 is main instrument to support the implementation of SET-Plan. Therefore SET-Plan provides guide to the content of FP7 Energy Calls in the future

## SET-Plan roadmaps

Technology Roadmaps 2010-2020 for the implementation of the SET-Plan – prioritisation of development needs, example below



Roadmaps for wind, solar, electricity grid, bioenergy, carbon capture and storage, nuclear fission, smart cities

[http://ec.europa.eu/energy/technology/set\\_plan/doc/2009\\_comm\\_investing\\_development\\_low\\_carbon\\_technologies\\_roadmap.pdf](http://ec.europa.eu/energy/technology/set_plan/doc/2009_comm_investing_development_low_carbon_technologies_roadmap.pdf)




## European Industrial Initiatives



- Roadmaps guide the implementation of EII's
- EIIs will bring together industry, the research community, the Member States and the Commission in risk-sharing, public-private partnerships
- EIIs in wind energy, solar energy, electricity networks, bioenergy, carbon capture and storage, nuclear fission and smart cities
- Range of ongoing EII activity
- Many of the 2012 FP7 Energy call topics make reference to links to EII activity




## European energy programmes

- **FP7 Energy** – 2012 Calls to be launched 20<sup>th</sup> July 2011
- **European Programme for Recovery (EeB, Green cars, Factories for the Future)** – included in FP7 Work Programmes, 2012 Calls to be launched 19<sup>th</sup> July 2011
- **Fuel Cell and Hydrogen Joint Undertaking** – 2011 Call launched 3<sup>rd</sup> May, deadline 18<sup>th</sup> August 2011
- **New Entrants Reserve 300** – further Calls for Proposals expected
- **Intelligent Energy Europe** – 2011 Call closed, 2012 Call expected to be launched early 2012

...also Eurostars – more info later

## 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 (no profit)
- Commission defined priorities
- Innovative
- European impact




## Benefits of participation

- Developing new contacts, networks and business opportunities
- Discovering new ideas and solutions
- Learning from the experiences of others
- Access to facilities and knowledge
- Prestige and profile
- Competitive advantage
- Career development for employees

## Plan for the day

FP7 Energy Call priorities – part 1 FP7 proposal preparation and submission
Coffee break
FP7 Energy Call priorities – part 2 Presentation from NCP from the Netherlands on partner opportunities Questions
Lunch
Case study Future for European R&D funding Eurostars funding Feedback from previous Call evaluation and Helpline support One to one discussions (by appointment)