The EeB PPP: Dialogue with industry

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ECTP conference, 25 November 2009
• Successful exit from the crisis
  – sustain demand and stem the rise in unemployment

• Boost competitiveness
  – make EU industry lead in world markets
  – strengthen and modernise our industrial base

• Lay foundations for a sustainable future
  – sustainable growth of economies and societies
  – tackle climate change including energy efficiency
RTD objectives to meet the policy guidelines...

• EU research policy will be one of the motors of our sustainable development
  – boost research, development and innovation
  – make a reality of the European Research Area
• New framework for public-private partnerships
  – bring different sources of funding together
• Refocusing on key areas, in particular:
  – more industry-driven applied R&D to bring new, leading edge products and clean technologies to markets
Research activities

- Adopted by the EC on 26 Nov 2008 and endorsed by the EU Council on 11-12 Dec 2008
- Includes ‘smart investment’ in research
  ‘To support innovation in the manufacturing, construction and automotive sectors, which have recently seen demand plummet as a result of the crisis and which also face significant challenges in the transition to the green economy...’
- Three Public-Private Partnerships (PPPs)
  Objective: to promote the convergence of public interest with industrial commitment and leadership in determining strategic research activities
## Indicative PPP contributions

### FP7 research budget (2010-2013)

<table>
<thead>
<tr>
<th>Budgets (M€)</th>
<th>NMP</th>
<th>INFSO</th>
<th>TRANS-PORT</th>
<th>ENERGY</th>
<th>ENV</th>
<th>TOTAL FP7</th>
<th>TOTAL PPP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Factories of the future</td>
<td>400</td>
<td>200 +45</td>
<td></td>
<td></td>
<td></td>
<td>600 +45</td>
<td>1,200</td>
</tr>
<tr>
<td>Energy-efficient Buildings</td>
<td>250</td>
<td>100 +5</td>
<td>125</td>
<td>25</td>
<td></td>
<td>500 +5</td>
<td>1,000</td>
</tr>
<tr>
<td>Green Cars</td>
<td>60</td>
<td>120</td>
<td>220</td>
<td>50</td>
<td>50</td>
<td>500</td>
<td>1,000</td>
</tr>
<tr>
<td>TOTAL</td>
<td>710</td>
<td>420 +50</td>
<td>220</td>
<td>175</td>
<td>75</td>
<td>1,600 +50</td>
<td>3,200</td>
</tr>
</tbody>
</table>
The Construction industry accounts for 10% of EU’s GDP and gives jobs to 32 million people
Buildings represent 40% of energy use and 33% of Green House Gas emissions
Objective: Developing building and district concepts with the potential to reduce energy use
Themes: NMP, ENERGY, ICT, ENV

€ 1 billion in 4 years
EeB - Expected results

- **Monitoring tools:** Rapid on-site measurement of actual performances
- **The building envelope:** Highly efficient and smart windows
- **Systems and equipments:** Integrated PV solutions and ICT for energy efficiency
- **Environmental technologies:** Retrofitting of historic buildings
- **Standardisation:** Pre-normative research, standards
- **Demonstration:** Integration of innovative technologies
Public-Private Partnerships

Double approach

- **Involvement of industry** in the planning and implementation
- **Quick response needed:** implies use of existing instruments
  - 7th Framework Programme
  - European Technology Platforms
- **Implementation approach:**
  - In 2009, cross-thematic calls for proposals under FP7
  - In parallel, exploration of further calls and other options for the longer term, e.g. Joint Technology Initiatives
For industry: Why a PPP? (compared to business as usual)

- Industry wants to have a leading role in defining research priorities, and to be involved in programme implementation.
- A multi-annual integrated Work Programme with pre-defined budget ensures continuity in the implementation of research strategies & allows industry to have long-term investment plans.
- Activities going from basic and applied research through to large-scale demonstration. More emphasis on impact.
- Increased use of SME-friendly research instruments.
Meetings between High-level Industrial representatives of the 3 PPP initiatives and RTD Director General Silva Rodriguez have taken place:

- Factories of the future initiative: 21 January 2009
- European energy efficient buildings initiative: 17 February 2009
- European green cars initiative: 5 March 2009

Commissioner Potočnik met with the 3 PPPs on 30 March 2009

The Commission Interservice group on “Research implementation of the recovery package” has been created: SG, SJ, RTD, INFSO, TREN, ENTR, ENV, ADMIN & BUDG are represented and three meetings have taken place

Three Ad Hoc Industrial Advisory Groups have been created:

- Industrial input for WP2010 and preparation of a multi-annual roadmap
PPP Calls in WP 2010

Main elements

- **Quick response needed:** use of existing FP7 instruments
- **Involvement of industry** in the preparation
- **Open to all** proposers according to **normal FP7 rules**
- **Industrial partners** provide added value
- **Coordinated & Joint** Calls for Proposals
- **Complementary topics** and harmonised evaluation
- **Collaborative** projects and **Coordination** actions
- **Single stage** evaluation to **reduce time** to contract
- **Specific PPP Annex** to the WP for higher visibility
PPPs Info-day of 13 July 09

- >920 registrations
- ~720 participants (72% M / 28% F)
- PPP preference declared:
  - 38% EeB
  - 34% FoF
  - 25% GC
  - 3% general
- 40% from industry, 40% from research & 29 countries

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Coordinated Call: € 65 million

Deadline for all topics: 3 November 2009

New nanotechnology-based high performance insulation systems for energy efficiency - NMP

New technologies for energy efficiency at district level - NMP

ICT for energy-efficient buildings and spaces of public use – Collaborative Projects & CSA - ICT

Compatible solutions for improving the energy efficiency of historic buildings in urban areas - ENV

Demonstration of energy efficiency through retrofitting of buildings - ENERGY
Indicative Evaluation and Negotiation timetable

- **Deadlines**
  - 3 Nov 2009
  - 14 Jan 2010

- **Evaluation**
  - Remote phase: Nov-Dec 2009
  - Consensus phase: December 2009
  - Evaluation results: January 2010

- **Negotiations**
  - Launch of negotiations: Jan-Feb 2010
  - First contracts begin: May 2010
  - April 2010
  - July 2010
FoF Multi-annual Roadmap

Proposed content

- **Strategy document** of 20 to 30 pages
- **Time focused** on the period 2010 to 2013
- **Challenge and target oriented**: leading to the needed impacts
- **Coherent approach**: addressing Themes in a complementary way
- **Realistic estimation of funds** to be devoted for each priority area
- **Consensus-based** to generate wide stakeholders support
- **Not so extremely detailed** as to define the specific call topics
FoF Multi-annual Roadmap

Proposed milestones

- **May-June 2009**: Drafting work by AIAG and its subgroups
  - Meeting of the AIAG in mid June
- **Mid July 2009**: Complete Draft of the MR made public
- **September-October 2009**: Input from the wider range of stakeholders and from the Member States representatives
  - Meeting of the AIAG in late October
- **Early November 2009**: Updated Draft ready for validation
- **Early December 2009**: Final version of the MR
Beyond existing JTIs

New framework expected

• **16 July 2009**: Commissioners meet with JTIs and PPPs

• **Creation of JTI Sherpa group**: to draw lessons and provide input for the future implementation of Research PPPs

• **19 November 2009**: Commission Communication on releasing the potential of public private partnerships

• The Commission will propose a new framework for JTIs, with impact on the revision in 2010 of the Financial Regulation

• **24 November 2009**: Representatives of the PPPs take part in the 3rd meeting of the JTI Sherpa Group

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Further information ...

**FP7 Research Themes and Call information**
cordis.europa.eu

**Information on the Research PPPs**
ec.europa.eu/research/industrial_technologies/

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