



## The 7th Framework Programme (FP7) and the PPP initiatives

FP7 is the main funding source for Research & Development in Europe. International consortia including academics and companies (from EU and Associated Countries) cooperate within 3–5 years projects to develop pre-competitive leading-edge technologies.

In reaction to the economical crisis, the European Commission has proposed an « Economic Recovery Plan » to support innovation via Public-Private Partnerships (PPP) in three industrial sectors:

- Factories of the Future (FoF)
- Energy-efficient Buildings (EeB)
- Green Cars (GC).

For practical reasons, the EC funding dedicated to these initiatives occurs through FP7 dedicated Calls for proposals, called PPP calls, supported by several FP7 subprogrammes: ICT (Information and Communication Technologies), NMP (Nanotechnologies, Materials and Production Technologies), Energy, Environment, Transport.

The PPP calls target applications that are much closer to the market than FP7 usual calls. Industry participation is absolutely essential to the PPP calls, especially SME, and the proposals should exploit recent R&D results in innovative products & services coping with the sustainable use of energy and environment.

The Meet4cleantech event will facilitate the consortium building for these PPP calls, but also other types of cooperation without EU Funding. In particular the prearranged face2face meetings allow the identification and meeting of targeted potential partners.

**Deadline for profile submission: 16 May 2010**



## PPP Topics<sup>1</sup>

### Energy efficient buildings

- Building automation: monitoring, sensors, control and visualisation
- Sustainable urban and public spaces
- Energy-efficient design and simulation engineering
- Energy storage, transport, supply (e.g. renewable energies)
- Heating, ventilation and air conditioning
- Smart lighting and illumination
- Green construction materials and systems
- Efficient water management
- Energy efficient retrofitting of (historical) buildings
- Sustainable building envelopes and facades

### Green cars and mobility

- ICT for hybrid and electric vehicles
- Eco-design and safety of energy storage and conversion (e.g. Fuel Cell, Batteries)
- Optimised thermal engine development and integration
- Urban freight vehicles and shipments
- Co-modality, intermodal and links to public transport
- Infrastructures for green cars and mobility
- Weight reduced materials (e.g. foam)
- Advanced thermal management, especially for long distance vehicles
- Innovative traction/propulsion systems (e.g. compressed air) including for long distance

### Factory of the Future

- Flexible manufacturing automation
- Energy efficiency and waste heat optimisation
- Low and Zero emission processes
- Adaptive man-machinery interface
- Advanced monitoring and control systems
- Safe production (e.g. nano)
- ICT for agile and environmentally friendly manufacturing (e.g. sensors)
- Eco Design and tools for product lifecycle management
- Virtual enterprises and digital manufacturing
- Global supply chain, trans- and cross-sectoral production

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<sup>1</sup> Detailed draft topics can be requested by e-mail at: [meet4cleantech@euresearch.ch](mailto:meet4cleantech@euresearch.ch)

## How FP7 works (and the PPP calls too...)

FP7 works with “Calls for proposals”. The European Commission publishes “work programmes” that describe the content of the calls, i.e. the target outcomes and impacts that are expected from the projects submitted by consortia (in the Cooperation Programme of FP7 as well as in the PPP calls).

Consortia build themselves well before the call is published, as the call publication usually lasts for 3 months and is not sufficient to really prepare a winning proposal.

A consortium is initiated by a coordinator, regrouping at least 3 different legal entities from 3 different member states (or associated states). Brokerage events like [www.meet4cleantech.eu](http://www.meet4cleantech.eu) are the perfect place for discussing bi or multilaterally project ideas to become proposals in the target calls.

There are different types of projects, the most common ones being

- Small Targeted Research Projects (also called STREPS)  
Average size: 5–7 partners, 2–4 years, 2–4 M€
- Large Integrated Projects (also called IPs)  
Average size: 7–10 partners, 3–5 years, 4–10 M€
- Coordination and Support actions (also called CA and SA)  
Average size: 3–5 partners, 1–3 years, 1–3 M€

The FP7 calls (including the PPP ones) are announced under:

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

But to get prior information on these calls and on the opportunities for partnering before the call launch, you are invited to get in contact with your National Contact Point (NCP) under:

[http://cordis.europa.eu/fp7/get-support\\_en.html](http://cordis.europa.eu/fp7/get-support_en.html)

You need more information on the participation to our event, please contact us under:

[meet4cleantech@euresearch.ch](mailto:meet4cleantech@euresearch.ch)