

- **Task Force for the implementation of Smart Grids.
Outline concept and tentative structure**

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● Drivers

- Present EU policies require changes to the grids. Smart Grid solutions embrace the changing structure of generation, the market and the use of electricity
- This evolution is a complex subject and requires a coordinated approach addressing various issues and all the actors
- Need for a coordinated European voice to drive forward the implementation of pilot Smart Grid projects in the short term.

● Key issues

- Barriers to Smart Grid deployment are largely of regulatory nature, but to a lesser extent may be influenced by research and development issues and lack of suitable demonstration pilot projects
- Some pilot projects are on the table, but implementation has been fragmented and slowed
- The main reasons are the current uncertainties regarding the new market models, the global investments needed and the technology needed

● High level objective

Achieve a common vision and identify the key strategic actions -at all levels- for the implementation of Smart Grids in the European internal energy market

● Specific objectives and deliverables

1. Produce a common vision in conjunction with institutional actors and key stakeholders on the implementation of Smart Grids, by May 2010
2. Define criteria and identify key pilot projects, by September 2010
3. Identify the strategic decisions and actions for the EU-wide implementation of Smart Grids, by January 2011
4. Roadmap for implementation, by May 2011

● Task Force for Smart Grids

Composition:

- EC will chair and provide secretariat for
 - **Steering Committee**, based on high level representation from 9 European institutional and market actors
 - **Expert Group**, based on max. 25 experts from main actors and stakeholders
- **Ad-hoc expert working groups** to be defined as necessary

● Task Force for Smart Grids

Steering Committee

- Chair and secretariat: **European Commission**
- Regulators: **ERGEG-e**
- TSOs: **ENTSO**
- DSOs and Suppliers: **EURELECTRIC, GEODE and CEDEC**
- Consumers: **BEUC**
- Technology Suppliers: **EUREC, EUTC and T&D Europe**

● Task Force for Smart Grids

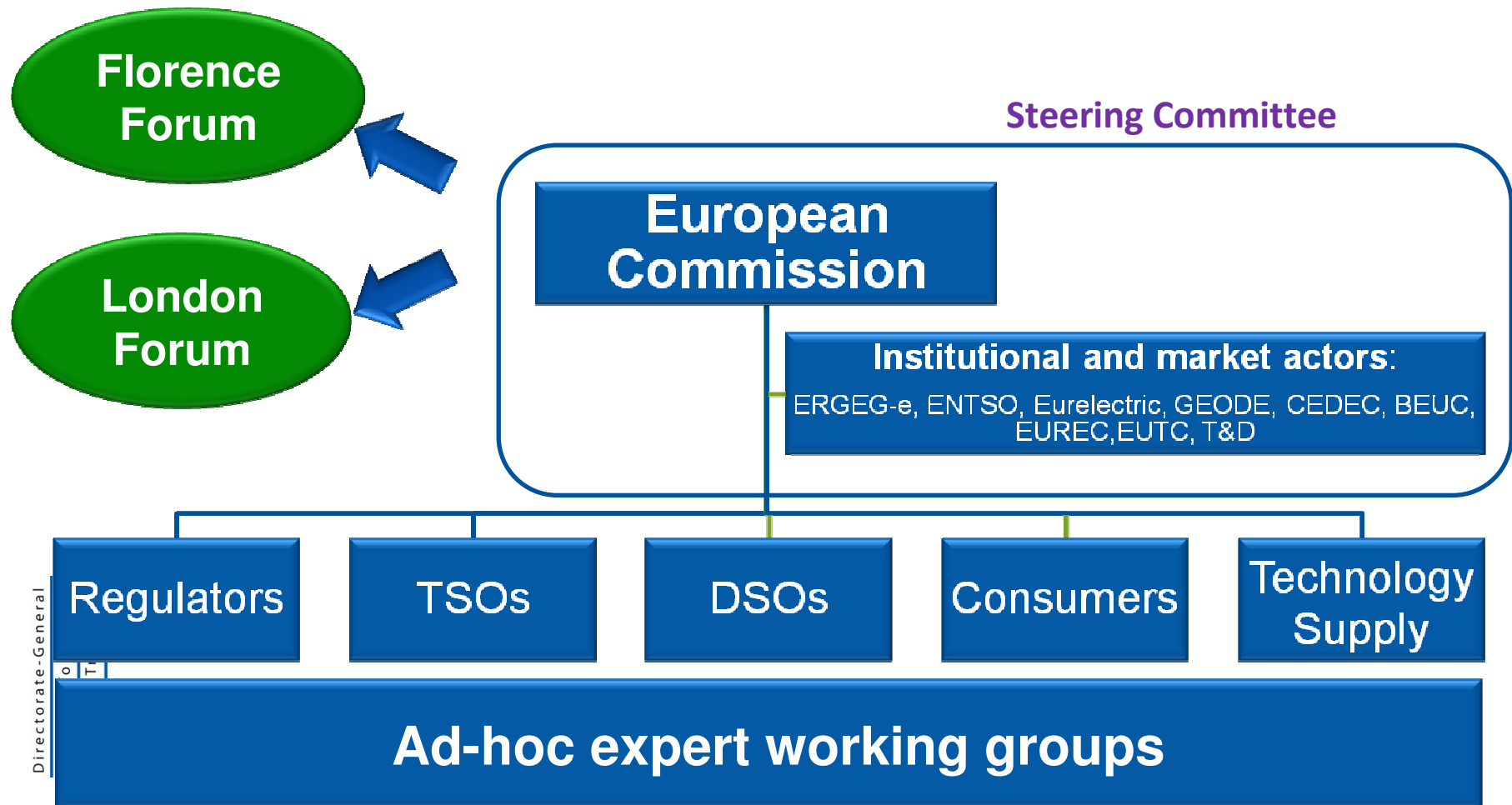
Expert Group

Based on max. 25 experts, nominated by the Steering Committee under the following criteria:

- be at a high level in their organisation which should have significant involvement in the Task Force related activities.
- have access to authoritative experts of international standing involved in a wide range of activities relevant to the Task Force
- be able to make an active contribution to the Task Force and be in a position to influence stakeholders on the planning, to foster partnerships and to leverage resources.
- be able to demonstrate a high degree of commitment to the Task Force and be able to devote sufficient time to its activities.

They will participate representing their specific field of activity.

● Task Force for Smart Grids



● Main Milestones

September
2009

- 1st Task Force meeting
- Adoption of structure, composition and objectives
- Definition of deliverables and time-frame
- Creation of Ad-hoc Expert Working Groups and their structure, objectives and contributions

2010

- **May 2010 :** - Final Deliverable 1 “Common Vision”
- 1st Draft Deliverable 2 “Identification of Pilot Projects”
- Interim Report to Florence Forum
- **Sept. 2010:** - Final Deliverable 2: “Identification of Pilot Projects”
- 1st Draft for Deliverable 3 “Strategies and Actions”
- Interim Report to London Forum

2011

- **Jan. 2011:** - Final Deliverable 3 “Strategies and Actions”
- **May 2011:** - Final Deliverable 4 “Roadmap for Implementation”
- **Continue/stop**



Thank you for your attention



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