

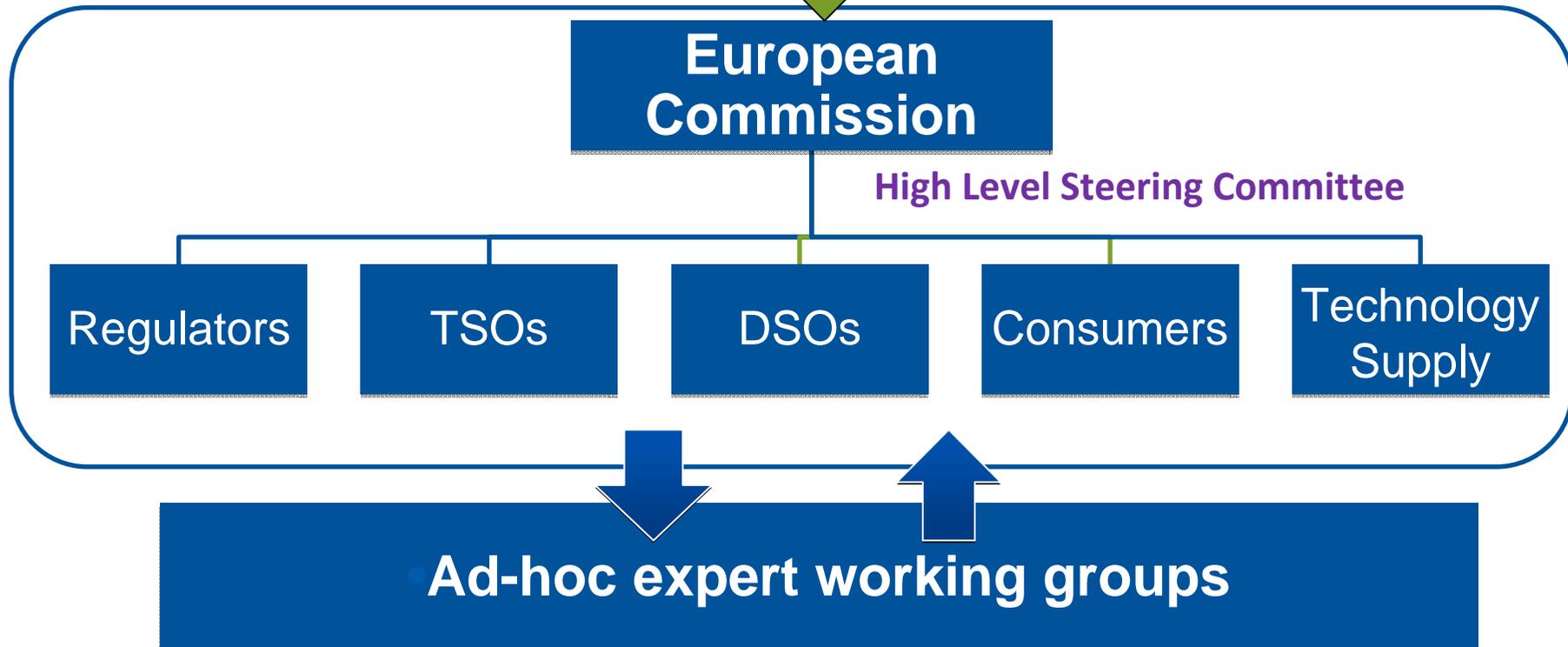
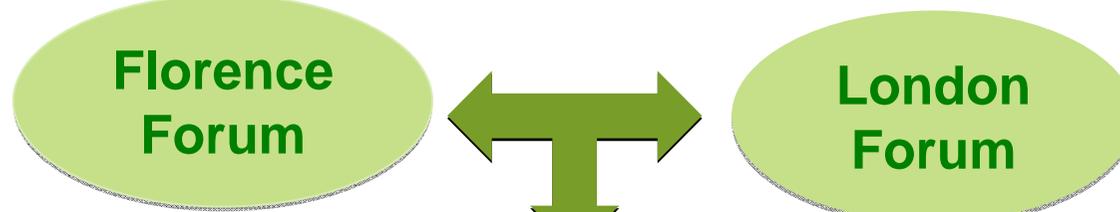


Smart Grids Task Force

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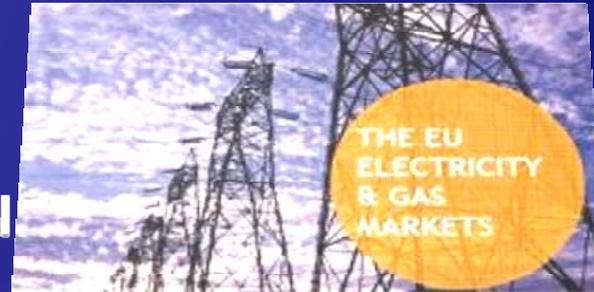


Smart Grids Task Force



From innovation to deployment

- Third Internal Energy Market Package
 - Communication on Smart Grids
 - Energy Efficiency Directive Proposal
 - Energy Infrastructure Legislative Proposal



Standardisation Mandates

M/441 Smart Meters M/468 Electrical Vehicles M/490 Smart Grids

- First set of standards by end 2012

COM Guidance on:

- Data privacy and data security
- Cost Benefit Analyses for smart metering systems
- Common minimum functionalities for smart electricity metering

working

Mission



- **Advise the Commission on policy and regulatory frameworks at European level to co-ordinate the first steps towards the implementation of Smart Grids under the provision of the Third Energy Package**
- **Assist the Commission in identifying projects of common interest in the field of Smart Grids under the context of regulations on guidelines for Trans-European Infrastructure (COM (2011)658 and 657).**



The ultimate goal of the Work Programme is

- **to jointly produce a set of regulatory recommendations**
- **to identify projects of common interest to ensure EU-wide consistent, cost-effective, efficient and fair implementation of Smart Grids.**



- **Expected services and functionalities of Smart Grids**
- **Empowering consumers**
- **Supporting power system security**
- **Regulated and competitive markets**
- **Deploying the necessary Smart Grid infrastructure**



Four Expert Groups:

1. Standardisation
2. Data Protection and Security
3. Regulation: market model and options
4. Infrastructure

EG1- Standards



- The objective of this group is to ensure timely adoption of the Smart Grid-related standardisation work under Mandate M/490 to CEN, CENELEC and ETSO.
- EG1 is considered already in the structure of M/490.
- The work during 2012 will focus on:
 - Follow up the progress and validate the deliverables planned by the end of 2012
 - Ensure coordination of the work and deliverables of M490 with other related mandates for standards and the development of grid codes in cooperation with ACER.
 - Ensure that all relevant European actors are associated with the work.

EG2 – Data Protection & Security



- Two key deliverables are foreseen for 2012:
 - Privacy and Data Protection Impact Assessment Framework for Smart Grids.
 - Cyber-security assessment framework based on the review of possible technological solutions and on the collection of best practices.
- The two proposals should be submitted for advice to the Article 29 Data Protection Working Party.
- EG2 will provide advise if additional regulation is needed to ensure data protection, data privacy and cyber-security.

EG3 - Regulation



- The key deliverables are:
 - define a reference market model, options for viable business models and suitable instruments for accelerating the roll-out of Smart Meters and foster the deployment of Smart Grids
 - examine the potential implications for the regulatory frameworks to efficiently facilitate the roll-out.
- Consensus among all actors involved is essential.

EG4- Infrastructure



- The key deliverable is to define the process of identifying projects of common interest on an informal basis and identify a first preliminary list of projects during 2012.
- Update of project inventory
- The output of this group also be used by the Commission to identify and implement projects of common interest under the regulations on guidelines for Trans-European Infrastructure (COM (2011)658 and 657).
- The group will comprise at least Members States, National Regulatory Authorities, project promoters, ENTSO-E, ACER and the European Commission.



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http://ec.europa.eu/energy/energy2020/smart_grid/index_en.htm

http://ec.europa.eu/energy/gas_electricity/smartgrids/taskforce_en.htm