



SMART GRIDS TASK FORCE (SGTF)
WORKSHOP ON EXPERIENCES AND CONDITIONS FOR SUCCESSFUL IMPLEMENTATION OF
STORAGE, INCL. CROSS-SECTORIAL SOLUTIONS

ORGANISED BY THE SGTF EXPERT GROUP 3 – REGULATORY ISSUES
BRUSSELS, 1ST JULY 2016

The Smart Grids Task Force (SGTF¹) was set up by European Commission's Directorate-General for Energy in January 2010. It brings together under ENER and CNECT chairmanship six other Commission DGs (CLIMA, ENTR, ENV, JUST, JRC and RTD) and about 30 European organisations representing all relevant stakeholders on the Smart Grid arena, from both the ICT and energy sectors. SGTF was built taking into account previous Commission's initiatives such as the European Electricity Grids Initiative (EEGI) and the European Technology Platform for Smart Grids.

The mission of the SGTF is to advise the Commission on policy and regulatory framework at European level to co-ordinate the first steps towards the implementation of Smart Grids under the provision of the Third Energy Package.

The SGTF's plan of work is focused on deliverables split among four Expert Groups (SGTF-EGs), chaired by the Commission, and following the key challenges described in the Commission's Communication "[Smart Grids: from innovation to deployment](#)" [COM/2011/202] of April 2011:

- EG1: standardisation and interoperability of smart grids;
- EG2: privacy and security issues (Data protection Impact Assessment template, energy-specific cyber security strategy, identification of minimum security requirements);
- EG3: regulatory issues and recommendations for Smart Grids deployment; and
- EG5: implementation of Smart Grid industrial policy.

The SGTF-EG3 is designed to provide a joint regulatory and commercial vision and recommendations for the deployment of Smart Grids taking into account accumulated experiences worldwide and the technological challenges to be faced mainly during next decade/s, so as to co-ordinate the first steps towards the implementation of Smart Grids under the provision of the Third Energy Package. The challenge ahead for the SGTF-EG3 is to jointly agree among governments, regulatory authorities, regulated companies and end users on key issues such as the estimated cost/benefits, potential business models, the associated risks and the incentives needed.

The aims of this Workshop is to sharing experiences when implementing and operating storage systems and discuss the challenges faced by householders, National Regulatory Authorities, grid operators, technology suppliers and manufacturers, energy services industries and aggregator, distributed power generators and suppliers.

The Workshop will take place on 1st July 2016 at
EDSO for Smart Grids, Rue de la Science 14b, 1040 Brussels, Belgium. www.edsoforsmartgrids.eu

REGISTRATION is mandatory at: [EG3meeting01072016](#) no later than 23 June 2016

¹ <http://ec.europa.eu/energy/en/topics/markets-and-consumers/smart-grids-and-meters>

Draft Agenda STORAGE, incl. cross-sectorial solutions by invitation only - Max. 75 participants

SESSION 1: Visions	
9.30	<p>Welcome and introduction Manuel Sánchez. EG3 Chairman. DG ENER Internal Markets - Retail</p> <p>Key note speaker (15' presentation): Rémy Garaude Verdier, Smart Grids Project Manager and Coordinator of Grid4EU. Enedis</p> <p>Visions: Three presentations of 15' + 5 ' Q&A each on:</p> <ul style="list-style-type: none"> – Cedric Leonard, RTE/ENTSO-E. Electricity storage vision: economic value of storage and future outlook – Jorgo Chatzimarkakis, Secretary General of Hydrogen Europe and former MEP. A vision on how power to gas and gaseous energy play a key role in energy storage Gas industry – Prof. Emmanouil Kakaras, (pending final confirmation) Vice-President and Head of Innovation & New Products, Mitsubishi Hitachi Power Systems Europe (MHPSE). Manufacturers and technology suppliers' vision.
SESSION 2: Pilot Experiences and trends for innovation: presentation of light-house pilot projects	
11.00	<p>Pilot presentations of 15' each + 60' Q&A:</p> <ul style="list-style-type: none"> – Alicia Carrasco, TESLA. Head of Public Affairs and VP for Tesla in Europe & Africa – Rosario Polito, Project Leader – Terna's Energy Storage Systems.Terna. – Marcus Newborough. ITM-power - Manufacturer of integrated hydrogen energy systems Power to gas project in ITM Power – Keith McGrane, Head of Energy Storage. Gaelectric CAES (compressed air energy storage)
13.00	Lunch break
SESSION 3: Policy and regulation: key challenges and recommendations	
14.00	<p>Background and setting the stage Tudor Constantinescu. DG ENER, Principal Adviser. Strategic market value and regulatory basis for storage of electricity</p>
14.15	<p>Experiences, key challenges and reflections on possible solutions to facilitate new services and synergies Three presentations of 15'each on:</p> <ul style="list-style-type: none"> – Luuk Spee, Senior advisor on regulation, CEER and ACM (NL regulator) – Gunnar Wrede, Head of Regulatory & Government Relations, Younicos. Experiences and challenges in EU market – Fons Jansen, Enexis. Enexis local storage project
15.30	<p>Panel discussion with (speakers above + additional panellists-5' for key messages)</p> <ul style="list-style-type: none"> – Luuk Spee, CEER and ACM (NL) – Susanne Nies, Corporate Affaris Manager ENTSO-E – Jos Blom, Strategy Advisor, Alliander – Elke Wanke. Thüga Aktiengesellschaft – project leader of a power-to-gas unit – Victoria Gerus, Policy Officer EASE.
17.00 - 17.30	<p>Rapporteurs from the three sessions: EDSO, tbd</p> <p>Final Remarks and next steps: Manuel Sánchez, DG ENER</p>