



EUROPEAN COMMISSION
DIRECTORATE-GENERAL FOR ENERGY
DIRECTORATE B – Internal Energy Market
The Director

Brussels, 30 November 2012

**TO THE MEMBERS OF STEERING COMMITTEE OF THE
TASK FORCE FOR SMART GRIDS**

Subject: Meeting minutes from the 14th meeting of the Steering Committee of the Task Force for Smart Grids

The 14th meeting of the Steering Committee (SC) of the Task Force on Smart Grids (TFSG) took place on 29th November 2012, from 14:00 to 17:00, at the Conference Centre Albert Borschette.

Main Conclusion:

The four Expert Groups reported on the work achieved and their planning for the coming period. With the exception of EG3, the work is progressing in line with the expected tasks for 2012.

Planning: Next SC meeting –middle of February 2013, from 14:00 to 17:30

The meeting was opened by Mr Vinois.

A copy of the list of participants in this meeting is enclosed.

1. Approval of Meeting Agenda and of the Minutes of the 12th SC SG TF meeting

The proposed agenda was approved with no modifications. The minutes of the last meeting distributed to the SC members were adopted with no changes.

2. EG1 - Reference Group for Smart Grid Standards: Deliverables and initial Programme of Work for 2013-2014. Presentations by CEN/CENELEC/ ETSI (W. Strabbing) and the Commission (M. Sánchez, DG ENER).

Mr Vinois introduced the first speaker, Mr Willem Strabbing, technical director of ESMIG, who reported on the state of play of the M/490's deliverables ready for December 2012.

Mr Strabbing started his presentation by giving a brief overview of the expected deliverables of the Mandate M490 to the European Standardization Organisations (ESOs) for 2012. He explained that the deliverables are ready and should be adopted on 19 December by the ESOs and submitted to the Commission before the end of the year. He reminded that the objective of the standardization mandates is to provide the consistent framework for identifying the Smart Grids standards. After his introduction, Mr Strabbing went more into the detail of the first set of standards.

Mr Vinois thanked Mr Strabbing for his presentation and reminded that an important communication exercise will have to be done for the dissemination of results in this area, in order for everybody to well understand the objective of standardization and the relevance of the results achieved. Mr Vinois recalled the participants that the European Council on its Conclusions from 4 February 2011¹ invited Member States, the European standardization bodies and industry to adopt standards for Smart Grids and meters by the end of 2012.

Mr Vinois gave the floor to Mr Sánchez who explained that at the last meeting of the EG1, on 22nd November 2012, a proposal for iteration of mandate M/490 during the period 2013-14 was unanimously agreed. Two would be the main topics to be addressed on standardisation during 2013-14:

- a) Implementation of the methodologies developed and second set of standards.
- b) System interoperability testing methods and a conformance testing map

He invited participants to comment on the proposal of iteration, document which had been circulated with the invitation for the meeting of the Steering Committee.

All members supported the proposed iteration as it stands. Mr Giuliano Monizza (T&D Europe), as representative of the manufacturer industry, raised some concerns regarding the risk of procrastination of the mandates. He explained that this procrastination could limit the innovation potential of the industry he represents. Finally, the description of the iteration was adopted as proposed.

Finally, Mr Sanchez informed the audience that the conference on the achievements under mandates for standards, announced during the last meeting of the steering committee, would take place on 28th January 2013 in Brussels. As it had been announced, this conference is organised by the European Commission with the support of the ESOs. Mr Sánchez indicated the participants that the draft agenda of the event had been circulated together with the invitation for the meeting, and invited all the participants to register and spread the invitation to other interested parties (registration is open in the website of DG ENER at http://ec.europa.eu/energy/index_en.htm#t_0_1)

3. EG2 – Expert group for Regulatory Recommendations for Privacy, Data Protection and Cyber-Security in the Smart Grid Environment: DPIA template. Presentation by the Commission (Ms Valérie Lorgé, DG ENER).

Mr Vinois gave the floor to Ms Valérie Lorgé, who gave an overview on the work of the EG2 during 2012 and the steps forward for 2013.

Ms Lorgé explained that two are the key deliverables of the EG2 foreseen for 2012:

1. Proposal for a Data Protection Impact Assessment (DPIA) template for Smart Grids in order to guarantee privacy and protection of personal data for consumers throughout the EU.

¹ <http://register.consilium.europa.eu/pdf/en/11/st00/st00002-re01.en11.pdf>

2. Cyber-security assessment framework, in order to guarantee the appropriate management of vulnerabilities and threats, based on the review of possible technological solutions and on the collection of best practices.

Regarding the first deliverable, Ms Lorgé pointed out that the last version of the DPIA Template (V0.5) sought to integrate indications related to the first set of informal comments sent by the Technology Subgroup of WP29, as well as the input received from the last EG2 meeting of 13 November. This Draft V0.5 had been sent to the members of the SGTF SC on together with the invitation for the meeting and other documents. She recalled the participants that a five-people editorial team will work on filling identified gaps of the template by 20th December 2012. The final version of the DPIA template will be submitted to the Article 29th Working Party for opinion. WP29 technology sub-group will submit a report most likely by 28th January 2013 to WP29 Plenary, who will then adopt an opinion based on this report on 27th February 2013. Once a positive opinion is issued by Article 29 WP, the European Commission will work on a Recommendation implementing this template. The Recommendation on the DPIA template may be adopted in the first half of 2013 and its aim will be to formalize the template and disseminate its outcome as much as possible.

Regarding the second deliverable, the 'Cyber-security assessment framework', Ms Lorgé indicated that the aim was to guarantee the appropriate management of vulnerabilities and threats, based on the review of possible technological solutions and on the collection of best practices. She indicated that it would include two sub-deliverables:

- Identification of the best available techniques for smart metering system, based on the analysis of the list of minimum functional requirements
- Evaluation of available methodologies for a trustworthy network sharing vulnerabilities and threats analysis of smart grid and smart metering systems among stakeholders.

During the last EG2 meeting, the preliminary drafts of the best available techniques for smart metering system were presented. As well, a member of the EG2 made a presentation on the trustworthy network sharing vulnerabilities and threats analysis of smart grid and smart metering systems.

When talking about the programme of EG2 for 2013, Ms Lorgé explained that EG2 could analyse the data protection and security issues at hand in each of the three Cases under definition in EG3, and provide data protection and security recommendations for each of the cases. At the same time, other cyber-security considerations could be transferred to the standardisation security group.

Ms Lorgé finalised her presentation and gave the floor to the audience for questions and comments.

Consumers' representatives congratulated the effort which is being undertaken and indicated that the template is a very useful tool for industry.

Some questions were raised regarding the involvement of ENISA (European Network and Information Security Agency) in this work. Mr Sánchez explained the participants that ENISA is and will be involved in the work of the Task Force.

It was as well recalled to the participants that the work currently in progress is inspired by the Data and Privacy impact assessments of Radio Frequency Identification (RFID) Applications.

Mr Vinois thanked Ms Lorgé for the presentation and called the members to provide further feedback on the Cyber-security assessment framework.

4. EG3 – Expert group for Regulatory Recommendations for Smart Grids Deployment: Progress and next steps for the definition of the market models and regulatory recommendations. Presentation by the Commission (Mr Manuel Sánchez, DG ENER).

Mr Vinois gave the floor back to Mr Sánchez who gave an overview on the latest developments of the work of EG3.

Mr Sánchez explained that a first draft of the EG3 Report, including the definition of the three identified cases, had been drafted and discussed in the meeting of EG3 the day previous to the Steering Committee meeting, i.e. 28th November. He explained the main conclusions from this meeting:

- Regarding the title of the Report, all the participants agreed the title to be changed to: "First Year Report: Options on handling Smart Grids Data".
- Scope of the Report: The First Year Report will be limited to contain an accurate and consistent definition of the three identified models. In view of the consultation with stakeholders outside the EG3, it is important that the definition provided for the three options is easy understandable.

Furthermore, Ms Sánchez explained that members of EG3 agreed in some steps forward to finalise the Report by the end of 2012. First, members of the group would check the whole document and send their comments to the editorial team (consisting of the four rapporteurs and the Commission) by the end of the week, i.e. 2nd December. Afterwards, the editorial team will make a quality check of the Report taking into account the received comments and further distributed to the EG3 members before the end of the year. The Commission will be organise a meeting with the editorial team on 18 December to conclude the final draft.

As far as the work programme of the EG3 for 2013 is concerned, Mr Sanchez pointed out that the 'First Year Report', containing the accurate definition of the three identified cases, will serve as basis for a consultation in 2013 from key different perspectives, such as consumer views, synergies ICT/Energy, standardization regulation, privacy, data protection and security.

A short debate followed the presentation of Mr Sánchez. During this debate, participants stressed the importance of having a clear and consistent definition of each one of the cases in the report issued by EG3.

Mr Vinois thanked Mr Sánchez for the presentation and suggested that two documents would be created: the first one would be a consultation document, written by the European Commission, of a length of approximately 10 to 15 pages and containing questions for the purpose of public consultation; the second document will be the EG3 Report, which will include a clear definition of the three models.

The SC took note of the proposal by Mr Vinois and accepted that a meeting of the editorial team would take place on 17 December in order to conclude the EG3 Report. In parallel the European Commission will prepare the consultation document and present it to the next meeting of the Steering Committee, planned for middle of February 2013.

5. EG4 – Expert Group for Smart Grid Infrastructure Deployment. Presentations by the Commission (Ms Marija Mrdeza, DG ENER - Ms Stantcheva, DG CNECT)

Mr Vinois announced to the members that an agreement between the Council and the European Parliament was reached regarding the Regulation on Guidelines for trans-

European Energy infrastructures. Consequently the text should be soon adopted and enter into force in March/April 2013.

Mr Vinois gave the floor to Ms Marija Mrdeza, who presented the job of the EG4 and the submitted projects. Four Smart Grid project proposals have been submitted following the request for information about smart grid projects and presented during the last EG4 meeting, involving UK-IE (North Atlantic Green Zone), FR-IT (Grid integration of Renewables Energy sources in North-Mediterranean – “Green-Me”), ES-PT (SUPERIOR), and PL (Agricultural Farms and Smart Grids Integrated Renewable Resources). Three projects will be further assessed according to the methodology agreed. One project is only eligible with reservation (ES-PT), as the commitment of both TSOs still has to be confirmed. One project proposal (PL) does not fulfil the eligibility criteria and will therefore not be assessed further.

She reminded that nevertheless, "eligible" does not mean that all projects which fulfill the technical requirements will be on the PCI list. Eligibility is a pre-condition for evaluation. Presently, all three proposals present data gaps, but work is on-going to require clarifications.

The UK-IE (North Atlantic Green Zone) project proposal aims at achieving an overall optimisation of the MV grid in the area, including cross-border exchanges between IE and NIE, which take part mostly at MV grid level. The FR-IT project proposal GREEN-ME aims at increasing observability, controllability and predictability of distribution generation, for a more efficient integration of renewables. The main goal of the Smart Grid project ES-PT "Superior" is to increase the integration of renewable energy sources (RES) in the electricity grid and by implementing systems and equipment which are improving the efficiency of the network management, in particular losses, voltage control and integration of reactive power.

Ms Mrdeza gave the floor to Ms Stantcheva (DG CNECT) who gave an overview of the submitted project in the area of telecommunications. Before entering into details of the projects, Ms Stantscheva pointed out that negotiations were still on-going between the Council and the European Parliament. Regarding the projects, Ms Stantcheva informed that two project ideas have been received, one from Silver Spring and the other from Deutsche Telecom.

The first project is called "ICT Next Generation Smart Energy Services" and its objective is the deploying of cohesive platform that delivers connectivity for applications using a combination of peer-to-peer radio mesh technology. The second project is called "T-City Friedrichshafen & beyond" and its objective is to integrate prosumers and utility infrastructure into a smart grid powered by ICT.

6. Any Other Business & Closing Remarks.

No other issue raised.

Next SC meeting – mid February 2013 subject to availability

The meeting was adjourned at 17.00

Manuel SÁNCHEZ JIMÉNEZ
Antonio OCAÑA ÁLVAREZ