Smart Grids Task Force
18th Steering Committee meeting
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EG2 DELIVERABLE: SECURITY MEASURES FOR SMART GRIDS

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EG2 Deliverable 2013

Security Measures for Smart Grids

- Objective:
  - organize consultations and collect feedback on these measures
  - draft, based upon this process, a document with recommendations
- ENISA, with the support of EC, chaired the process
- Used as a basis ENISA's study on minimum security measures for smart grids

  https://www.enisa.europa.eu/activities/Resilience-and-CIIP/critical-infrastructure-and-services/smart-grids-and-smart-metering/appropriate-security-measures-for-smart-grids
- 38 experts participated, wide spectrum of stakeholders
- Document delivered (Dec 2013)

Setting a baseline cyber security measures: lessons learnt

- Not an easy task
- Different stakeholders
  - Bulk generation and 'bulk' renewables (e.g. wind mill farmers), Transmission/Distribution system operators, prosumers, vendors, third party providers, legislators, …
- Various sizes of organizations
  - Budgets, business needs, human resources, organizational processes…
- Not a clear view of the market
  - A few real establishments, unclear use case scenarios, vague legal mandate and responsibilities, no factual data on cyber security incidents,…

Governance - Mandate

- Shared mandate
- TSOs: not consider it as their problem
- Different types of authorities
- Energy regulators: usually not involved
- Poor participation of Public authorities in EG2

Country name	Authority
Austria	
Austria	Austrian regulatory Authority
Belgium	
Bulgaria	
Bosnia Herzegovina	
Switzerland	????
Cyprus	
Czech Republic	Technologická platforma „Energetická bezpečnost ČR - ?????
Germany	
Germany	
Germany	
Germany	BSI, BNetZa
Denmark	????
Estonia	Estonia's Information Security Authority - ?????
Spain	Ministry of Industry, National Centre for CIP-Ministry of Interior
Finland	
France	ANSSI
United Kingdom	
United Kingdom	
United Kingdom	
United Kingdom	CPNI (shared responsibility with National Grid)
Greece	?????
Croatia	
Hungary	
Ireland	
Iceland	
Italy	Shared mandate
Lithuania	
Luxembourg	
Latvia	
Montenegro	
Republic of Macedonia	
Netherlands	Ministry of Economics
Norway	
Poland	
Portugal	
Romania	
Serbia	
Sweden	Svenska Kraftnät - MSB ????
Slovenia	
Slovak Republic	
Europe	ENTSO-e - ????
Europe	ACER - ?????

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MS Governance Models on Smart Grids Security

- This year ENISA will take stock on the SG cyber security mandate in MS
- Contractor has been contacted
- Expected results by December 2014
- Sample questions
  - Responsible authority
  - Relevant regulatory framework in place
  - National Information sharing platforms
  - ……

Data collection

- Communication channels
  - ENISA's NLOs, Public Authorities, Experts ….
- Communication methods
  - Conference calls
  - Use of private space at ENISA website
  - On line survey and collaboration tools

Tasks and timelines

- Preparation of a questionnaire for addressing key issues (April 2014)
- Collection of relevant data (July 2014)
- Short analysis and grouping of the raw data (September 2014)
- Validation of the results with a selected number of experts (October 2014)
- Final report (December 2014)

Thank you!

Questions