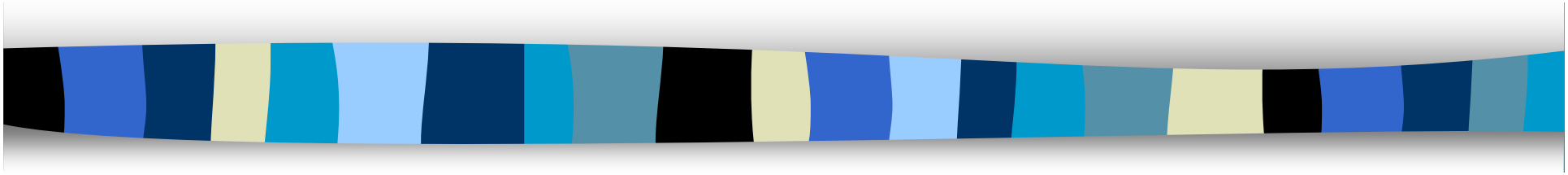
Task Force smart grids expert group 1



Steering committe meeting

Brussels, March 1st

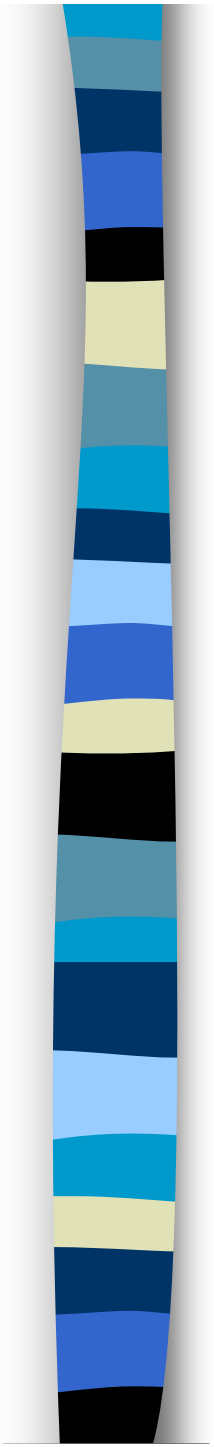
Composition of the expert group

We find in the group the following representatives :

- decentralised generation
- metering activities
- consumers
- IT components
- distribution networks operators (DSO club + GEODE + CEDEC)
- transmission network operators (ENSTO-E)
- suppliers
- end uses manufacturors
- IT system manufacturors
- network equipment
- Regulators
- standardisation

Members of the group :

Association	Name	Company	Country
EREC	Frans Van Hulle	EWEA	BE
DIGITALEUROPE	Maher Chebbo	SAP AG	DE
ESMIG	Robert Rickard	Itron	US
ESMIG	Andreas Lugmaier	Siemens	DE
ENTSO-E	Vincente Gonzalez Lopez	REE-Red Electrica de Espana S.A.	ES
CEDEC	Emilio Zendri	Acea Distribuzione S.p.A. - Gruppo Acea	IT
CEDEC	Michel Fruchart	Gazelec de Peronne	FR
EECA - ESIA	Stephen Bonner	Texas Instruments	US
EECA - ESIA	Francois Escher	Freescale Semiconductor	US
EECA - ESIA	Andi Guan	Infineon	DE
EECA - ESIA	Jean Leandri	Altis Semiconductors	FR



Association	Name	Company	Country
EECA - ESIA	Jan Willem Vogel	NXP Semiconductors	NL
EECA - ESIA	Chira Vinci	STMicroelectronics	CH
COGEN Europe	Fiona Riddoch	COGEN Europe	BE
GEODE	Tomas Arnewid	Göteborg Energi	SE
T&D Europe	Oswaldo Kaschny Filho	Schneider Electric	FR
DSO club	Alain Doulet	EEDF	FR
DSO club	Rinta Jouppi	Vattenfall	SE
DSO club	Marco Cotti	ENEL	IT
DSO club	Nicolas Arcauz	Iberdrola	ES
DSO club	Jean-Pierre Hollevoet	EANDIS	BE
DSO club	Rémi Grasset	ERDF	FR
DSO club	F. Jansen	Enexis	NL
CECED	Francesca Meloni	Indesit Company	IT
ERGEG	Ferruccion Villa	AEEG - Autorite per l'energia e il gas	IT
CENELEC	Ralf Hoffmann	ESO Smart Metering Coordination Group	BE
CENELEC	David Johnson	ESO Smart Metering Coordination Group	BE
EURELECTRIC	Jacques HORVILLEUR	ERDF	FR
ANEC/BEUC	Heidi Ranscombe	Consumer Focus	UK
EUTC	Miguel Angel Sánchez Fornié	Iberdrola	ES

Additionnal list

Association	Name	Company	Country
BEUC	Levi NIETVELT		BE
	Eugenio Triana		ES
DSO club	Jon Stromsather	ENEL	IT
CEDEC	Gert De Block		BE
Digital Europe	Andreas Ebert	Microsoft	AU
SM-CG	Dieter Novotny	Görlitz	DE
DSO club	Patrick Devos	Eandis	BE
EECA - ESIA	Alexander Schelhase	Infineon Technologies	DE
EECA - ESIA	Shane Harte	ESIA	IRL
DIGITALEUROPE	David Fernandez	ORACLE	FR
EREC	Greg Arrowsmith	EREC	
EURELECTRIC	Mr. Manuel DELGADO FERNANDEZ	UNIÓN FENOSA distribución	ES
EURELECTRIC	Mr. Jonathan HARLEY	Gemserv	GB
EURELECTRIC	Mr. Thomas PEHRSSON	E.ON Elnät Sverige AB	SE
EURELECTRIC	Mrs. Ursula TAUSCHEK	Verband der Elektrizitätsunternehmen Österreichs - VEÖ	AT
EURELECTRIC	Mr. Robert PFLÜGL	E.ON Metering GmbH	DE
GEODE	Carmen GIMENO	Geode staff	

Mission of the group

Functionalities of Smart Grid and Smart Meters.

The key deliverable is to provide an agreement among all actors involved on a set of minimum functionalities for Smart Grids and Smart Meters. The work will be focussed on the following topics:

- Adopt the defined services that the Smart Grids are expected to deliver to different network costumers
- Take into account and follow up the work of CENELEC, ERGEG, GEODE, and other position papers' and stakeholders' consultations on Smart Metering.
- Take stock of the smart metering implementation status in different MS
- Define concept of Smart Grid within the framework of the Task Force
- Define in which part of the Smart Grid concept Smart Metering plays a key part.
- When discussing functionalities, the following aspects of Smart Meters could be taken into account: demand metered data access for customers, demand meter data access for authorised third party, price signal to customer, remote meter management, remote demand reduction, remote connection/disconnection, quality of supply, price signal to customer.
- Ensure that functionalities take into account needs of all customers (including vulnerable customers)
- Define to what extend there is a need to have functionalities regulated
- Recommendations to integrate a standardisation strategy into the strategy for Smart Grids
- Define to what extend there is a need for a mandate on Smart Grids standards
- Agree on the minimum requirements on functionalities of Smart Grids
- Agree on the minimum requirements on functionalities need in Smart Meters or Metering Systems necessary for Smart Grids

Some key issues

- Agreement among all actors
- Minimum requirements or level of services ?
- Customer oriented
- Standardisation strategy
- No duplicate work with other initiatives
- Smart metering functionnalities when they are needed by smart grids issues

Work plan

- 4 meeting are planned
  - January 26th
  - March 2nd
  - April 15th
  - mid May - to be precised
- 2 subgroups are launched :
  - SG1 : state of the art
    - The group is launching
  - SG2 : functionnalities
    - The group already holds a meeting on February 25th

Planning of the work and deliverables

- State of the art
  - 1st draft : March 2nd
- Functionnalities
  - 1st draft : April 15th
- Draft of the report
  - Mid may for approval before end of may

Structure of the deliverable

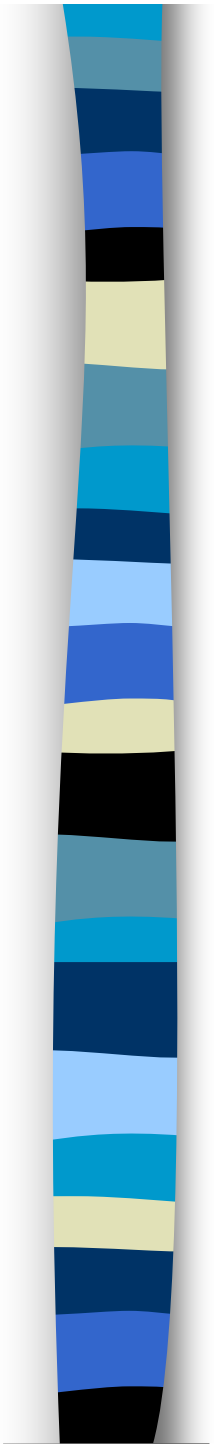
- Introduction
  - Sharing the concept of smart grids
- State of the art : where are we ?
  - Standardisation
  - Experiments on the field
  - Equipment and products already available
- Functionnalities
  - Services
  - Smart grids components
  - Functionnalities
  - Strategy for standardisation aand recommandations for a new mandate for CENELEC if necessary
  - Opened questions

Validation of the deliverable

- A short report : 15 to 20 pages
- A discussion on the draft during the meeting in May
- A formal validation by each member of the group, by circulation of the draft between mid May and end of May
- Possible validation at the end of May

Some comments

- Links between EG1 and EG3
  - Need to agree on a common view on services before working on role and responsabilities
- Link with smart metering work in progress
- Minimum requirements or level of services
  - Target or scenarios ?
- Link between smart grids and HAN (home area network)
  - Till where to go ?



Thank you