

Demand Connection Code Public workshop Call for Stakeholder Input

Demand Connection Code development

18 April 2012 - Brussels

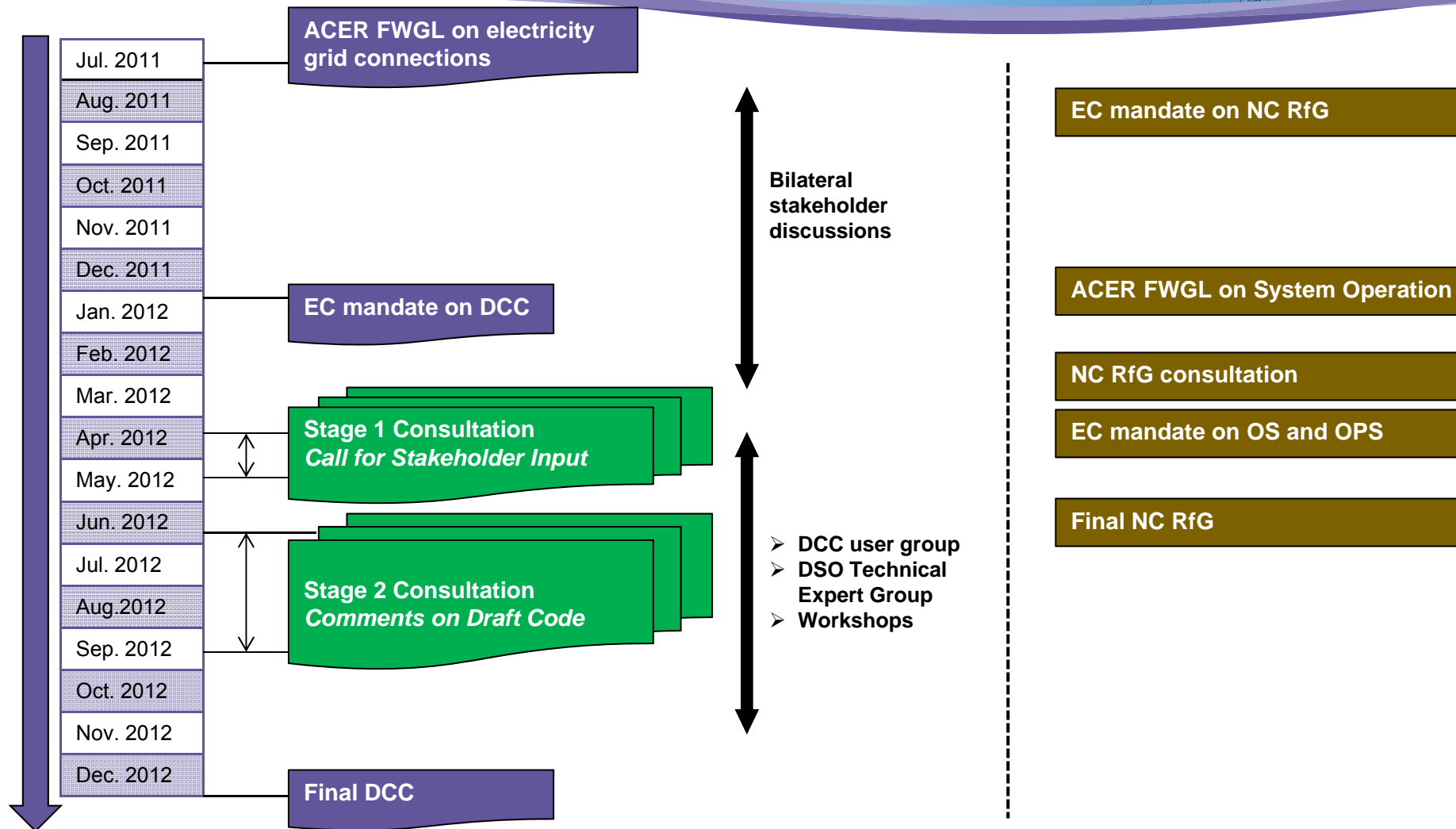
Edwin Haesen
ENTSO-E Planning Methods Advisor



Overview Network Codes

Deliverable	2011				2012				2013				2014			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Products/legislation relevant for effective implementation of the IEM																
FG on capacity allocation and congestion management																
NC on capacity allocation and congestion management ¹																
NC on forward markets ²																
Regional progress, setup and testing (incl. AESAG process and Regional Initiatives Work Program)																
EC comitology guideline on governance ³																
FG on grid connection ⁴																
NC on grid connection ⁵																
NC on DSO and industrial load connection																
FG on system operation ⁶																
NC on operational security																
NC on operational planning and scheduling																
NC on load-frequency control and reserves																
NC on operational training																
NC on requirements and operational procedures in emergency																
FG on balancing																
NC on balancing ⁷																
EC comitology guideline on transparency																

Demand Connection Code – Timeline & context



Demand Connection Code – Stakeholder interactions

- **DSO Technical Expert Group**

- Nominated by CEDEC, EDSO-SG, Eurelectric DSO and Geode
- Sequence of 7 meetings since July 2011
- Work program based on DCC principles and reviews of initial draft code

- **IFIEC**

- First meeting on DCC principles
- Second meeting on initial draft code

- **CENELEC**

- Links with standardization and ongoing work under Mandate 490
- Two meetings to date

- **CECED**

- Initial discussion on demand response by domestic appliances

- ▶ Agreed principles/topics published as '**DCC preliminary scope**'.
- ▶ Discussions on initial draft code allowed to identify those topics for which **broader stakeholder views** are requested. The draft DCC is still a work in progress and is not published at this stage of the consultation.
- ▶ Stakeholder discussions continue as of this stage by means of a **DCC user group**.

Demand Connection Code – Call for Stakeholder Input

- Published on 5 April
- General viewpoints requested on options that can be taken by DCC
- Five topics identified which are new to many grid codes
 - Demand Side Response for Reserves
 - Demand Side Response for System Frequency Control
 - Reactive Power Exchange capability
 - Voltage withstand capability
 - Frequency withstand capability

ENTSO-E proposes options for each, underpinned by illustrating case studies, including CBAs. Viewpoints and supporting data on these are requested.

- Feedback is to be provided **by 9 May** (see website for details). Responses will be published.
- The draft DCC and its supporting justification will use the responses received as guidance.

