



Status of the Development, Structure and Points of Contact of the Smart Grids D-A-CH Technology Cooperation

Status: 24 May 2011

In November 2009, a memorandum of understanding (MoU) to cooperate in the field of research and development of ICT-based future energy systems was signed between Germany, Austria and Switzerland during the first E-Energy Congress.

The cooperation is concentrated on the development of intelligent power grids – also known as „Internet of Energy“ or „Smart Grids“. Another focal point is the integration of e-mobility into the system.

Smart Grids D-A-CH objectives in detail (MoU):

- **Establishing the basis as well as strategies for the implementation of smart grids based on experience from research and pilot projects to develop and test smart grids solutions**
- Knowledge exchange and coordination of national technology policies
- Support of cooperation between national projects (model regions, competence centers, etc.), including use of synergies
- Joint tackling of cross-cutting issues (interoperability, standardization, safety and security requirements, conformity with legal issues, business and market models, requirements on regulatory frameworks)
- Coordination of public activities to increase user acceptance and support market launch

(For the MoU in the original wording, please visit: www.SmartGrids-DACH.eu)

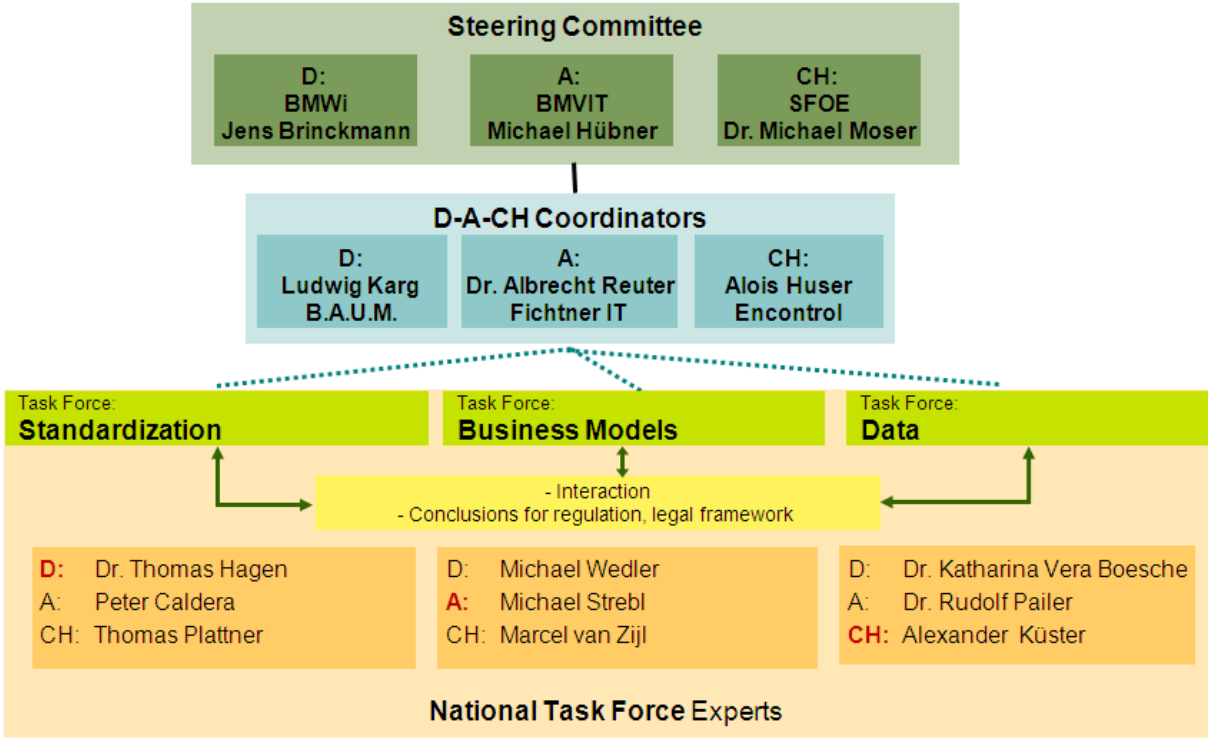
In January 2010, a structure for the Smart Grids D-A-CH Cooperation was proposed. This structure was presented and discussed during the joint workshop at the Smart Grids Week in Salzburg, Austria, in 2010. Up for discussion were also proposals agreed upon with the national Task Forces to name the Task Force Heads and Permanent Representatives. The work structure has been positively approved by all parties and in January 2011, the Task Force Heads were officially nominated.

In accordance with the above work structure, the following key topics shall be tackled in the three corresponding Task Forces:

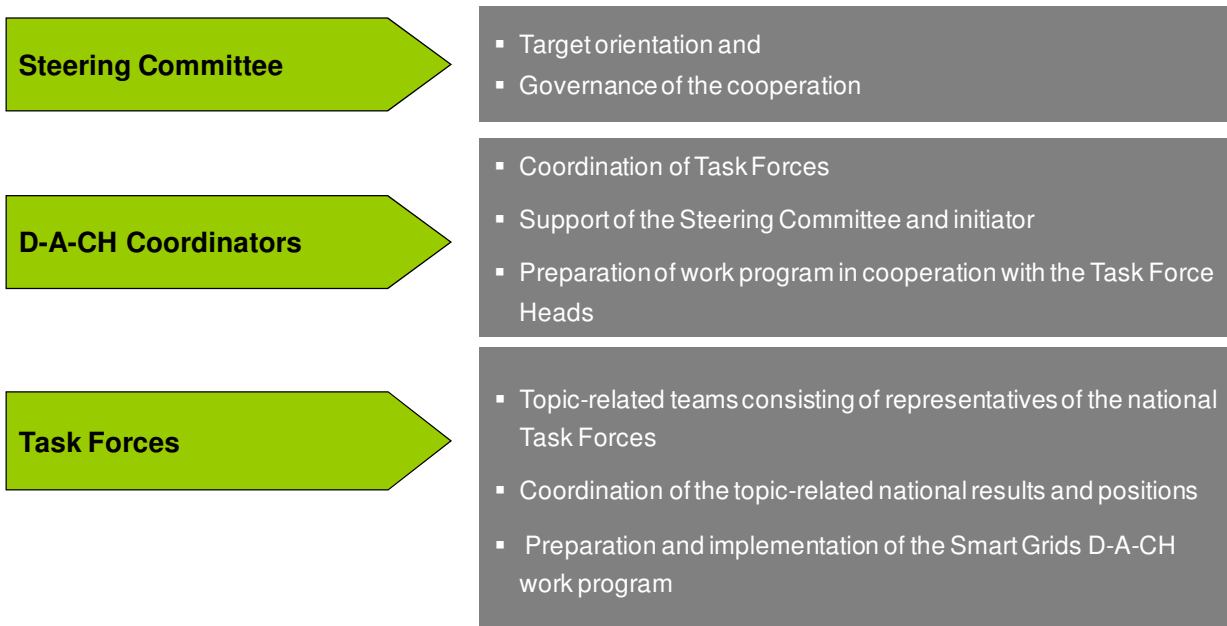
- 1. Standardization: Supervision Germany, Dr. Thomas Hagen, incowia GmbH
- 2. Business Models: Supervision Austria, DI Michael Strebl, Salzburg Netz GmbH
- 3. Data: Supervision Switzerland, DI Alexander Küster, swissgrid AG

The Task Forces are interacting with each other, while the D-A-CH coordinators are responsible for the coordination among them. Among other things, they exchange findings and conclusions concerning regulation and the legal framework in order to develop a consistent and comprehensive picture regarding these issues.

The following graphic shows the members of the Smart Grids D-A-CH Cooperation and their Contact Persons, as of 10 Jan 2011:



The graphic below illustrates the roles within the cooperation in accordance with the structural design:



Each country is responsible to head one Task Force, the other countries provide national permanent representatives.

Among the tasks of the Task Force Heads is the preparation of the work program for the respective Task Force in coordination with the permanent representatives of the partner countries and in cooperation with the Smart Grids D-A-CH coordinators as well as the organization and coordination of the respective Task Force to implement the work program.

The permanent representatives ensure the continuity of the cooperation as well as the communication between the national teams and the Task Force.

The Smart Grids D-A-CH technology cooperation is facing major challenges. In order to meet these challenges and reach the objectives, Smart Grids D-A-CH must rely on the designated key persons and other experts within the national teams.

The following table gives an overview of the Contact Persons of the Smart Grids Technology Cooperation.

For more information on the Smart Grids D-A-CH Technology Cooperation, please visit **www.smartgrids-dach.eu**

National websites:

Germany: www.bmwi.de, www.e-energy.de

Austria: www.bmvit.gv.at, www.energiesystemederzukunft/highlights/smartgrids.at

Switzerland: www.bfe.admin.ch, www.energieforschung.ch

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