Joint NOW GmbH – FCH JU Water Electrolysis Day

3 April 2014
White Atrium
Avenue de la Toison d'Or 56-60, 1060 Brussels, Belgium

PRELIMINARY PROGRAMME

09:00 – 09:15	**Welcome address - Oliver EHRET**

- What do we want to learn about electrolysis?
- What do we want to know about the application context?
- What can we learn from the projects reported about?

Morning session - electrolysis technology – Chair: Jean-Luc DELPLANCKE

09:15 – 10:00	Study on the Development of Water Electrolysis in the EU (FCH JU)
10.00 – 10.45	Water Electrolysis: Status and Potential for Development *Dr. Tom Smolinka, Fraunhofer ISE*
10:45 – 11:00	**Coffee break**
11:00 – 11:45	Improvements to Integrate High Pressure Alkaline Electrolysers for Electricity /H_2 Production from Renewable Energies to Balance the Grid *Pablo Marcuello*
11:45 – 12:30	Hydrogen from Renewable Energy Sources: Pressurized Alkaline Electrolyser with High Efficiency and Wide Operating Range *Regine Reissner*
12:30 – 13:30	**Lunch**

Afternoon session - the application context of electrolysis – Chair: Oliver EHRET

13:30 – 14:15	Integration of Wind-Hydrogen-Systems in the Energy System *Klaus Stolzenburg (Ingenieurbüro PLANET GbR)*
14:15 – 15:00	Wind Hydrogen Project RH_2-WKA *Marcus Heinicke (t.b.c.), Wind-projekt*
15:00 -15:15	**Coffee break**
15:15 – 16:00	Power-to-Gas for Hamburg *Dr. Zschocke, E.ON*
16:00 – 16:45	Assessment of the potential, the actors and relevant business cases for large scale and seasonal storage of renewable electricity by hydrogen underground storage in Europe *Dr. Ulrich Bünger (tbc)*
16:45 -17:15	Q&A Sessions
17:15	**Closing remarks – Bert DE COLVENAER**