

**STRATEGIC CONTRIBUTION OF
ENERGY STORAGE
TO ENERGY SECURITY AND INTERNAL ENERGY MARKET**

HIGH LEVEL ROUNDTABLE

19 May 2015

Berlaymont building, room Walter Hallstein (1st floor), Rue de la Loi 200, 1000 Bruxelles, Belgium

AGENDA

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| 8.30 – 9.10 | Registration and coffee |
| 9.10 – 9.20 | Welcome – opening |
| 9.20 – 9.40 | Keynote speech – Dominique RISTORI – Director General, DG Energy |
| 9.40 – 9.50 | Political statement – Paul RÜBIG – MEP, European Parliament |

Storage in the new energy system, Moderated by Patrick Clerens, EASE
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| 9.50 -10.20 | Overview of the current state of art in energy storage technologies
Luís Costa, Alstom |
| 10.20 – 10.40 | Storage, strategic reserves and synergies in infrastructure – Energy storage as strategic reserve and synergies in existing infrastructures – a systematic view
Michael Sterner, Regensburg University |
| 10.40 – 11.00 | The value of electricity storage and flexibility - Main considerations for market creation, including tariffs, roles, grid connection, etc.
Anna Carolina Tortora, TERNA |
| 11.00 – 11.20 | Regulatory settings in Europe – Role of storage in the future of the EU energy systems
Alberto POTOTSCHNIG, ACER |
| 11.20 – 12.20 | <u>Discussion Panel and Q&A</u> - "Storage – regulatory framework"
Klaus-Dieter Borchardt, EC
David Salisbury, GERG
Ana Aguado Cornago, EDSO
Olivier Grabette, RTE |
| 12.20 – 13.20 | <i>Lunch</i> |

Energy storage markets, Moderated by Tudor Constantinescu, DG Energy

- 13.20 – 13.40 **Market solutions** in and outside EU – What works and potential replicability
John Zahurancik, AES
- 13.40 – 14.00 Local and **distributed storage** and generation – demand control, distributed storage, etc.
Alfons Westgeest, EUROBAT
- 14.00 – 14.20 The **interlinked energy systems** – Hydrogen, P2G & Power-to-Fuels and heat & cold
K. Peter Röttgen, E.On
- 14.20 – 15.10 **Discussion Panel and Q&A** - "Storage markets - how and by whom?"
Hans ten Berge, Eurelectric
Simone Mori, ENEL
Gaelle Hotellier, Siemens
Hans-Martin Henning, Fraunhofer
Eric Scotto, AkuoEnergy
- 15.10 – 15.30 *Coffee break*

Financing and Further Actions, Moderated by Marie Donnelly, DG Energy

- 15.30 – 15.50 **Financing:** De-risking storage investments (political, technological, financial, etc. risk)
Christof Germann, Illwerke
- 15.50 – 16.45 **Discussion Panel and Q&A** - "A strategic approach to energy storage– towards a low-carbon energy system" – Discussion on the technical, economic and regulatory aspects as well as required policy actions in short and medium term.
Konstantin Staschus, ENTSO-E
Ana Raquel Díaz Vázquez, Abengoa
Torben Brabo, Energinet.dk
Olivier Teller, Hydro Equipment Association
Thierry Deschuyteneer, GIE

Conclusions

- 16.45 – 17.00 Closing remarks – **Dominique RISTORI** – Director General, DG Energy