



Agenda

TWO PART WORKSHOP ON ENERGY STORAGE CONCEPTS

SHORT-TERM FLEXIBILITY PROVISION VIA ELECTRIC VEHICLES

KOREAN-GERMAN ENERGY PARTNERSHIP

NEW GREEN ENERGY TECHNOLOGY WORKING GROUP

30th and 31st August 2023, 09:00 – 11:00h CET / 16:00 – 18:00h KST

Venue: Online via Zoom

Registration: https://adelphi.zoom.us/webinar/register/WN_qtNk7jDLTwaqKx_yqeMATQ

Language: German – Korean (simultaneous translation)

Moderation: Jana Narita, Senior Manager, Korean-German Energy Partnership Team, adelphi

Day 1: Policy Overview and Panel Discussion

Time (CET/KST)

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| 09:00 – 09:10
16:00 – 16:10 | Welcome and Opening Remarks
<i>Hoje Woo, Senior Vice President Head of Trade Services, Korean German Chamber of Commerce and Industry (KGCCI)</i>

<i>Jana Narita, Senior Manager, Korean-German Energy Partnership Team, adelphi</i> |
| 09:10 – 09:25
16:10 – 16:25 | Integration of renewable energy: policies for supporting flexibility in the power grid (GER Policy perspective)
<i>Anton Hufnagl, Deputy Head of Division, General issues of bilateral climate and energy cooperation, Federal Ministry of Economic Affairs and Climate Action (BMWK)</i> |
| 09:25 – 09:40
16:25 – 16:40 | Integration of renewable energy: policies for supporting flexibility in the power grid (KOR Policy perspective)
<i>Ki Seon Cho, Electric Grid Program Director, Korea Institute of Energy Evaluation & Planning (KETEP)</i> |
| 09:40 – 09:50
16:40 – 16:50 | Q&A |

09:50 – 10:05 **Overview Study:** Battery electric vehicles for the provision of short-term flexibility in Germany and Korea (Study presentation by adelphi)
16:50 – 17:05
Henri Dörr, Consultant, Korean-German Energy Partnership Team, adelphi

10:05 – 10:10 **Q&A**
17:05 – 17:10

10:10 – 10:55 **Panel discussion:** Challenges with and possible solutions for the efficient grid integration of BEVs
17:10 – 17:55

Moderation: *Prof. Dr. Peter Radgen, Professor for Efficient Energy Use, Head of graduate and research school energy efficiency Stuttgart (GREES), Institute of Energy Economics and Rational Energy Use (IER), University of Stuttgart*

Panelists:

- *Frank Borchardt, Digitalisation and Metering, Forum Network Technology/Network Operation in the VDE (VDE FNN)*
- *Perspective of industry (associations, automotive/energy): tbc.*
- *Perspective of grid operators (TSO/DSO): tbc.*

Guiding questions:

- *Policy needs, barriers for implementation, necessary regulatory framework*
- *Infrastructural needs of the grid and respective charging infrastructure*
- *Technical perspective/standardization*
- *Consumer perspective (incentives/challenges/acceptance)*
- *Potentials for bilateral cooperation/mutual learnings*

10:55 – 11:00 **Summary and outlook on second day**
17:55 – 18:00

Day 2: Practical Implementation and Projects from Industry and Research

09:00 – 09:10 **Welcome**
16:00 – 16:10
Jana Narita, Senior Manager, Korean-German Energy Partnership Team, adelphi

09:10 – 09:25 **Korean industry perspective on grid integration of BEVs and pilot project**
16:10 – 16:25
Ki Jun PARK, Project Leader, Korea Electric Power Research Institute (KEPRI)

09:25 – 09:40 **German industry perspective on grid integration of BEVs and pilot project:**
16:25 – 16:40
Lennart Hoffmann, Project Manager, Product Development & Management, Next Kraftwerke

09:40 – 09:45 **Break**
16:40 – 16:45

09:45 – 10:00 **Input research project KOR**

16:45 – 17:00 *Jin Ho Kim, Professor, Gwangju Institute of Science and Technology (GIST)*

10:00 – 10:15 Input research project GER: unIT-e² – living lab for integrated e-mobility

17:00 – 17:15 *Michael Hinterstocker, Head of Digitalization and Modeling, Ffe Munich*

10:15 – 10:50 Joint Q&A on previous presentations and discussion

17:15 – 17:50

Moderation: *Jana Narita, Senior Manager, Korean-German Energy Partnership Team, adelphi*

Panelists:

- *Perspective of KOR Industry: Ki Jun PARK, Project Leader, Korea Electric Power Research Institute (KEPRI)*
- *Perspective of GER Industry: Lennart Hoffmann, Project Manager, Product Development & Management, Next Kraftwerke*
- *Perspective of KOR Research Project: Jin Ho Kim, Professor, Gwangju Institute of Science and Technology (GIST)*
- *Perspective of GER Research Project: Michael Hinterstocker, Head of Digitalization and Modeling, Ffe Munich*

Guiding points:

- *Q&A on the previous industry and research presentations*
- *Cooperation potentials und mutual learnings between GER and KOR in the area of BEVs flexibility potential*

10:50 – 11:00 Outlook and closing remarks by moderator

17:50 – 18:00

Organized by:



Korean-German Chamber
of Commerce and Industry
한독상공회의소



Korea Institute of Energy Technology
Evaluation and Planning

