



한·독 에너지 파트너십
Energiepartnerschaft
DEUTSCHLAND – KOREA



Ministry of Trade,
Industry and Energy

Supported by:



Federal Ministry
for Economic Affairs
and Energy

on the basis of a decision
by the German Bundestag



Agenda

3rd Korean-German Energy Day

Korean-German Energy Partnership

7th – 9th December 2020

Language: English – Korean (simultaneous translation except for networking sessions and virtual exhibition)

Video conference via zoom

Day 1: 7th of December 2020

Energy Transition Policy in Korea and Germany

KST 16:00 – 18:30
(CET) (8:00 – 10:30)

16:00 – 16:10 Opening and Welcome
(8:00 – 8:10)

Moderator: Mr. Gunnar Will, Senior Manager, adelphi

16:10 – 16:50 Introductory Keynotes
(08:10 – 08:50)

Mr. Young-joon Joo, Deputy Minister for Energy and Resources, MOTIE (10 min)

Mr. Thorsten Herdan, Director General, Energy, BMWi (10 min)

Dr. Jochen Eickholt, Member of the Executive Board of Siemens Energy (10 min)

Ph.D. Hae-Weon Lee, Executive Vice President of Doosan Corporation, Business Operations, Hydrogen-Economy Innovation Office (10 min)

16:50 – 17:25 Break / Optional Networking Sessions
(08:50 – 09:25)

- Q&A with Industry Representatives (tbc)
- Challenges and Opportunities for the Energy Transition: **Phasing out Coal**
- Challenges and Opportunities for the Energy Transition: **Scaling up Green Hydrogen**
- Challenges and Opportunities for the Energy Transition: **Implementing Offshore Wind**
- Challenges and Opportunities for the Energy Transition: **Realizing the Potential of Solar**
- Informal Exchange: Korean and German Culture and Food

17:25 – 17:30 Short organizational remarks

(09:25 – 09:30)

Moderator: Mr. Gunnar Will, Senior Manager, adelphi

17:30 – 18:30 Session 1:

(09:30 – 10:30)

How do we achieve a Just Transition to a New Fossil-Free Energy System?

Moderator: Prof. Dr. Manfred Fishedick, Scientific Managing Director, Wuppertal Institute

Short input statements and following panel discussion. (45 min)

- Dr. Raphael L'Hoest, Deputy Director General, Competition and Structural Policy, BMWi
- Dr. Felix Matthes, Research Coordinator for Energy & Climate Policy, Oeko-Institut
- Dr. Eui-seok Yang, Senior Research Fellow, Korea Energy Economics Institute
- Dr. Hyeong-beom Yeo, Research Fellow, ChungNam Institute

Q&A and discussion with the audience. (15 min)

18:30

(10:30)

Wrap-Up Day 1

Moderator: Mr. Gunnar Will, Senior Manager, adelphi

Day 2: 8th of December 2020

Green Hydrogen: Expert and Industry Perspectives

KST 16:00 – 18:45

(CET) (8:00 – 10:45)

16:00 – 16:05 Welcome

(8:00 – 8:05)

Moderator: Mr. Gunnar Will, Senior Manager, adelphi

16:05 – 17:00 Session 2:

(8:05 – 9:00)

Green Hydrogen and its Role for the Future of the Korean and German Economy

Keynote: The Korean Hydrogen Policy (10 min)

- Dr. Nakhyun Kwon, Director of Business Coordination Department, H2KOREA

Keynote: Green Hydrogen in Germany: National policy, status and perspectives (10 min)

- Mr. Werner Diwald, Chairman, German Hydrogen and Fuel-Cell Association

Panel discussion: How can cooperation between Korea and Germany support the global market ramp-up of green hydrogen? (35 min)

- Mr. Werner Diwald, Chairman, German Hydrogen and Fuel-Cell Association
- Dr. Felix Matthes, Research Coordinator for Energy & Climate Policy, Oeko-Institut
- Dr. Nakhyun Kwon, Director of Business Coordination Department, H2KOREA
- Ph.D. Jae-kyung Kim, Head/Research Fellow, Gas Policy Research Division, Korea Energy Economics Institute (KEEI)

17:00 – 18:45 Virtual Exhibition: Industry on Hydrogen (Language: English)
(09:00 – 10:45) *B2B-Networking by the German Energy Solutions Initiative*

Confirmed exhibitors:

- Enapter GmbH
- Hoeller Electrolyzer GmbH
- Hydrogenious LOHC Technologies GmbH
- AHT Syngas Technology
- MAX STREICHER GmbH & Co KG aA
- TÜV SÜD
- Hylium Industries Inc.
- GPhilos
- Gaoncell Co., Ltd.

17:00 – 17:30 *Part 1: Short Presentations by German and Korean Industry*
(09:00 – 09:30)

17:30 – 18:45 *Part 2: Q&A and networking with the companies at virtual exhibition stands*
(09:30 – 10:45)

Day 3: 9th of December 2020 **Offshore Wind and Solar PV: Expert and Industry Perspectives**

KST 16:00 – 19:15
(CET) (8:00 – 11:15)

16:00 – 16:05 Welcome
(8:00 – 8:05)

Moderator: Mr. Gunnar Will, Senior Manager, adelphi

16:05 – 17:00 Session 3:
(8:05 – 09:00) **Strategies to increase Social Acceptance of Offshore Wind in Korea & Germany**

Input presentation: Lessons learned for wind acceptance in Germany. (5 min, 5 min Q&A)

- Ms. Jana Narita, Manager, adelphi

Input presentation: Strategies for offshore wind acceptance in Korea. (10 min)

- Mr. Seong-Woo Park, General Manager of Wind Power Project division, Korea Energy Agency (KEA)

Panel discussion: How can social acceptance of offshore wind be increased to boost the energy transition? (35 min)

- Mr. Andreas Wagner, Managing Director, Offshore Wind Foundation
- Mr. Seong-Woo Park, General Manager of Wind Power Project division, Korea Energy Agency (KEA)
- Mr. Hans-Christoph Brumberg, Director Business Development and Execution APAC, wpd Group
- Mr. Kidon Yoon, Executive Director, Korea Energy Information & Culture Agency

17:00 – 17:30 Session 4:
(09:00 – 09:30) **Cost Reductions in Offshore Wind**

Input presentation: Cost Reductions in Offshore Wind. (10 min)

- Minuk Jung, Senior Research Engineer, KEPCO Research Institute (KEPRI), New & Renewable Energy Lab

Input presentation: Cost Reductions in Germany. (10 min)

- Mr. Gunnar Herzig, Managing Director, World Forum Offshore Wind

Q&A session (10 min)

17:30 – 17:55 Break / Optional Networking Sessions
(09:30 – 09:55)

- Ideas for Korean-German Cooperation: **Just Transition to a New Energy System**
- Ideas for Korean-German Cooperation: **Green Hydrogen**
- Ideas for Korean-German Cooperation: **Offshore Wind**
- Ideas for Korean-German Cooperation: **Solar**
- Informal Exchange: Post-Covid-19 Travel Advice for Korea and Germany

17:55 – 19:00 Session 5:
(09:55 – 11:00) **Solar PV in Buildings – Rooftop and Building Integrated Solutions**

Input presentation Korea (tba). (10 min)

- Dr. Seung-yeop Myong, Solar/PV Program Director, KETEP

Input presentation Germany. (10 min)

- Ms. Maria Roos, Solar Technology Officer, BSW Solar (German Solar Association)

Demonstration projects in Korea and Germany.

- Mr. Albert (Won) Park, Head of Industrial communication part, Hanwha Q CELLS
- Mr. Johannes Hegger, Member of the Board of Directors, HHS Planer + Architekten AG
- Mr. Edwin Yoon, Managing Director of Renewable Energy Division, SHINSUNG E&G

Q&A session and discussion. (25 min)

19:00 – 19:15 Session 6:
(11:00 – 11:15) **Wrap-Up of the Conference with**

- Ms. You Kim, Deputy Director, Energy Innovation Policy Division, MOTIE
- Dr. Nicole Glanemann, Deputy Head of Division, Bilateral Energy Cooperation, BMWi

Background and scope of the event:

As industry-based economies Korea and Germany face similar challenges when it comes to shaping their energy system's future. Both countries aim to significantly reduce their carbon emissions by increasing the usage of renewable energy while phasing out nuclear energy and reducing the reliance on fossil fuels. Both countries also see green hydrogen as one pillar of both their future energy system and post-Covid-19 recovery strategy.

This event provides a platform for energy experts from government, industry, research and civil society to exchange views and learn from each other's experiences. The event has three focuses, each reflected in one of the days: Socially just transition to a new energy system on day one, the role of green hydrogen for the economy on day two and renewable energy implementation, especially offshore wind and solar PV, on day three.

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