



한·독 에너지 파트너십
Energiepartnerschaft
DEUTSCHLAND - KOREA



AGENDA

DIGITAL WORKSHOP OF THE KOREAN-GERMAN ENERGY PARTNERSHIP "GRID EXPANSION AND MODERNIZATION"

20-21 May 2026

Venue: Online via Zoom

Language: English – Korean (simultaneous translation)

Moderation: Jana Narita, Senior Manager, adelphi

Link for registration: https://adelphi.zoom.us/webinar/register/WN_noRiHoapRYW4Yui-Z9M59A

Day 1: Expansion And Optimization of the Electricity Grid for the Integration of Renewable Energies

Time

(CET/ KST)

09:00 – 09:05/ Welcome and introduction by moderator

16:00 – 16:05 *Jana Narita, Senior Manager, adelphi*

9:05 – 9:10/ Welcome Remarks by MCEE (3 min)

16:05 – 16:10

9:10 – 9:20/ Contextualization: Grid expansion in Korea and Germany

16:10 – 16:20 *Brief recap of the current status of grid expansion in both countries*

Welcome and contextualization: Grid expansion in Germany (5min)

Marius Strotjohann, Deputy Head of Energy Partnerships Division, Federal Ministry for Economic Affairs and Energy (BMWE)

Contextualization: Grid expansion in Korea (5min)

Ki Seon CHO, Power Grid Program Director, Korea Institute of Energy Technology Evaluation and planning(KETEP)

9:20 – 9:50 Focus topic 1 – Optimization: Technical optimization of existing grid infrastructure for the integration of variable renewable energy sources (15 min each)

16:20 – 16:50

Tba – German perspective

Hauke Jürgensen, Project Manager for Capacity Expansion Systems, SH Netz

Seul Ki KIM, Distinguished Researcher, Smart Grid Research Division, Korea Electrotechnology Research Institute(KERI)

9:50 – 10:20 Focus topic 2 - Expansion: Synchronising Grid Expansion with Renewable Energy Deployment (15 min each)
16:50 – 17:20

Offshore wind development-Alignment with grid planning and policy evolution in Korea (tbc)

Jung Woo HONG, Grid/Transmission Director, Technology Department, Copenhagen Offshore Partners(COP) Korea

Ensuring timely grid connections for offshore wind parks in the North Sea

Janina Habethal, Lead Public Affairs & Communications Europe and Offshore, Tennet GmbH

10:20 – 10:55 Joint Q&A and discussion (all speakers)

17:20 – 17:55

Possible discussion questions:

- *If you could change one policy/regulatory lever to accelerate grid expansion and renewable energy deployment alignment, what would it be?*
- *Which optimisation measures are “low regret” and scalable in 12–24 months?*
- *Where do you see the biggest coordination gap: TSO–DSO, grid–RES developers, permitting authorities, or public acceptance?*
- *What would you like to learn from the other country (specific and practical)?*

10:55 – 11:00 Conclusions and discussion about next steps

17:55 – 18:00

Day 2: Modern and Smart Grids for the Integration of Dezentralized Renewable Energy Sources

Time

(CET/ KST)

09:00 – 9:05/ Welcome and introduction by moderator

16:00 – 16:05 Jana Narita, Senior Manager, adelphi

9:05 – 9:10/ Welcome Remarks by MCEE and BMW

16:05 – 16:10

09:10 – 09:40/ Digital and smart grids for the integration of renewable energy sources in Korea and Germany (15 min each)
16:10 – 16:40

German presentation

Pascal Häbig, Research Group Leader, Intelligent Distributed Energy Systems, Institute of Energy Economics and Rational Use of Energy, University Stuttgart

Korean presentation

Jae Won CHANG, Vice Chairman, Korea Smart Grid Association(KSGA)

09:40 – 10:10 / Policies and strategies for grid digitalisation (incl. smart grid deployment) (15 min each)
16:40 – 17:10

Strategies and policies in Korea

Chang Sun KIM, Smart Grid/ESS Program Director, Korea Institute of Energy Technology Evaluation and planning(KETEP)

Strategies and policies in Germany

Anna Sibirtceva, German Energy Agency (dena)

10:10 – 10:15 Coffee Break
17:10 – 17:15

10:15 – 10:35/ AI-driven grid operation: best practices and research project results (10 min each)
17:15 – 17:35

Korean showcase project

Jong Kyu KIM, CEO, 60Hertz (tbc)

Network Topology Optimization and Power System Analysis using Graph Neural Networks

Clara Holzhüter, Researcher, Fraunhofer IEE







10:35 – 10:55/ Joint Q&A and discussion with all speakers: Strategies for making electricity grids fit for the future in Korea and Germany and bilateral cooperation potential
17:35 – 17:55

Speakers: all previous speakers

Example of guiding questions:

- *How can policies support the transformation of the electricity grid?*
- *What are key challenges hindering the roll-out of smart grids and related technologies?*
- *How can Germany and Korea collaborate to accelerate the roll-out of smart grids, e.g. regarding technological innovation, development and evaluation of policy measures? What collaboration opportunities exist?*

10:55 – 11:00/ Conclusions and discussion about next steps
17:55 – 18:00

Energy partners:			Implementing organisations:		
	Federal Ministry for Economic Affairs and Energy				
		기후에너지환경부 Ministry of Climate, Energy and Environment			
	한·독 에너지 파트너십 Energiepartnerschaft DEUTSCHLAND - KOREA				
		에너지경제연구원 Korea Energy Economics Institute			
	Korean-German Chamber of Commerce and Industry 주한독일상공회의소				
		Korea Institute of Energy Technology Evaluation and Planning			