Final Program

25th IERE General Meeting and RWE TI Germany Forum

"Growing Green"

In-Person Event

Rheinturm, Düsseldorf, Germany

Düsseldorf, Germany
December 2–5, 2025

Organized by RWE TI and IERE

Message from IERE Chair

I invite you all to the 25th IERE General Meeting and RWE TI Germany Forum, which will take place from December 2 to 5, 2025, in Düsseldorf, Germany. Co-hosted by RWE Technology International, this important gathering will be held under the theme *"Growing Green."*

As the world accelerates its shift toward carbon neutrality, the energy sector will stand at the center of this transformation. The conference will explore the technologies, strategies, and policy innovations that will drive decarbonization across both the supply and demand sides of the energy system. Discussions will address flexible, low-carbon power generation, the electrification of heat, the integration of thermal energy storage, and the optimization of power grids with high shares of renewable energy. The role of digitalization and demand-side sectors will also be highlighted, demonstrating how innovation will help us to combine environmental ambitions with operational reliability and economic viability.

This forum will provide an invaluable opportunity to exchange knowledge and experience among experts from across the globe. The energy transition will not follow a single path—solutions will differ from country to country, from system to system. Yet, through international collaboration and open dialogue, we will amplify our collective progress. IERE is proud to serve as a unique global platform where technical expertise, research, and innovation converge to accelerate the transformation of our industry.

As Chair of IERE, I believe our role must be twofold: we must enable business by delivering solutions, but also challenge the industry to go further. Incremental improvements alone will not achieve our climate goals. Radical innovation, bold ideas, and the willingness to learn from each other will be essential. The 25th General Meeting and Forum will serve as a meeting place to foster discussions among attendees and provide ample time for debate during presentations, Q&As, and breakout sessions.

I warmly welcome you to join us in Düsseldorf. It will be a platform to strengthen collaboration, to engage in forward-looking dialogue, and to contribute to shaping a sustainable energy future. I am confident that this event will be fruitful for all participants and will help advance our shared mission of "Growing Green."

Munib Amin
Chair of IERE
E.ON, Germany

Message from RWE TI

It is a great honour for RWE to co-host the 25th IERE General Meeting and Forum and we sincerely welcome all participants to Düsseldorf.

The last few years have been an intense period for the energy industry. Ensuring the supply of secure, affordable, and sustainable energy has become more critical for our economies and societies.

Numerous wars and crises have turned international and global supply chains upside down, while many economies are on the path towards climate neutrality with ambitious goals for reducing harmful emissions. In every scenario, securing energy supply plays a key role in finding solutions.

Renewable energy remains central to achieving mid- and long-term goals set by governments and businesses alike.

With its flexible and efficient power plant fleet, RWE Generation is building a bridge to the age of renewable energies. RWE Generation is a major player in storage technologies such as batteries and hydropower, in providing green hydrogen and flexible power generation from gas.

By transforming and decarbonizing power plants, focusing on flexible generation and successfully developing storage technologies, RWE Generation is making a decisive contribution to RWE's ambitious goal of becoming climate neutral by 2040.

In our home market of Germany, we have been experiencing a fundamental transformation towards renewable energy for some time now, to which we at RWE are happy to contribute. For the future, it will need steady political support and a reliable legal framework not only in Germany but in many countries of the world on the way to climate neutrality.

To achieve our goals, we rely on our strong and constantly growing network of companies, associations, and many other institutions.

IERE is one of our partners we have relied on for many years. With its wide range of expertise and the trusting and intensive exchange of knowledge, particularly in the field of research and development, IERE makes an important contribution to our daily work.

We as RWE are delighted to welcome you all to Düsseldorf and to discuss the future of the energy sector with you.

Ingo BIRNKRAUT
Director Strategic Development
RWE Generation SE

“Growing Green”

About the theme

As the world accelerates its shift toward carbon neutrality, the power sector stands at a critical juncture. Under the theme “Growing Green,” this conference explores the technologies, strategies, and policy innovations driving decarbonization across both the supply and demand sides of the energy system. From flexible, low-carbon power generation to the electrification of heat and integration of thermal energy storage, the discussions will address how to ensure reliable, resilient, and sustainable energy delivery in a rapidly evolving landscape.

The conference also examines the optimization of power grids with high shares of variable renewables and the transformative role of demand-side sectors through electrification and digitalization. By highlighting cross-sector collaboration, advanced control systems, and supportive market mechanisms, “Growing Green” serves as a platform to share solutions that balance environmental goals with operational performance and economic viability. Through technical sessions and expert dialogue, participants will contribute to shaping a sustainable energy future rooted in innovation and practical progress.

Who should attend?

The Forum is intended for experts actively involved in the selected themes, from IERE members and non-members, as well as all those interested in the evolution of the electrical power industry and the technology development and business development opportunities associated to this evolution. RWE TI and IERE will invite prominent speakers for keynote speeches.

Schedule Outline:

Tuesday,	December 2, 2025	Welcome Reception
Wednesday,	December 3, 2025	25th IERE General Meeting and RWE TI Germany Forum
		Official Dinner
Thursday,	December 4, 2025	25th IERE General Meeting and RWE TI Germany Forum
		Social Event (Optional)
Friday,	December 5, 2025	Technical Tour (Optional)

Outline of Program and Session Themes:

Session structure and speakers may be subject to change according to the submission of contributions.

December 2, 2025

Welcome Reception

December 3, 2025

Opening Session

Opening Address, Welcome Speech

Plenary Session

Keynote Speeches

Panel Session: "Growing Green"

Technical Session 1: Flexible Power Generation for a Decarbonized Future

Description

This session explores innovative generation technologies that enhance flexibility in power supply while enabling decarbonization. It covers conventional and renewable-based solutions that can rapidly respond to demand fluctuations and support grid stability in the transition to low-carbon energy systems.

Potential topics include:

- Flexible Generation with Renewable Integration
- Fast-Ramping and Peaking Power Plants

- Operational Flexibility
- Hybrid Systems and Sector Coupling
- Decentralised Production and Virtual Power Plants
- Flexible Demand Solutions
- Challenges and Solutions for Electrification

Technical Session 2: Pathways to Net Zero: Strategies for a Decarbonized Energy Future

Description

This session explores innovative strategies and technologies driving the transition to a low-carbon energy future. Key topics include Carbon Capture and Storage (CCS), low-carbon fuels, and their integration into existing energy systems. The session will also highlight decarbonization strategies, economic and market considerations, and the role of electrification solutions in reducing emissions across the energy sector.

Potential topics include:

- Carbon Capture and Storage (CCS) Technologies and Projects
- Low-carbon Fuels including e.g., Hydrogen, Ammonia or Bioenergy for Decarbonization of Industry
- Power to X – Technologies and Electrification of Sectors
- Decarbonization Strategies in Different Countries including Political Frameworks, Market Mechanisms and Regulations

Technical Session 3: Beyond the Peak: Storage Solutions for Resilience and Reliability

Description

This session addresses different technologies for storage and how to combine and integrate those solutions in the future energy grid.

Potential topics include:

- Current Status and Latest Developments of diverse Energy Storage Technologies, which includes Battery Energy Storage System (BESS) Technologies, Hydrogen Based Solutions, Thermal and Mechanical Energy Storage, …
- Integrating Short-, Medium-, and Long-duration Storage Technologies into the Grid
- Storage Solutions for Industrial and Auxiliary Use
- Hybrid Energy Storage

Official Dinner

December 4, 2025

IERE General Meeting

Report on Recent IERE Activities by IERE Chair

Report on Ongoing Projects and Upcoming Events

Special Lecture by IERE Advising Chair Emeritus

Special Session: Featured Company Overviews, Strategies, and Roadmaps etc.

Technical Session 4: Grid Interaction, Optimization with Variable Renewables and Demand-Side Management

Description

This session explores technical and operational strategies for integrating high shares of variable renewable energy into the power system, focusing on grid flexibility, optimization, and digital control as well as the role of demand-side sectors and management.

Potential topics include:

- Advanced Grid Forecasting and Scheduling Tools
- Virtual Power Plants and Aggregated DER Control
- Inverter-Based Resource Grid Support Functions
- Curtailment Minimization Strategies
- Grid Forming and Grid Following Inverters
- Dynamic Line Rating and Grid Monitoring
- Role of AI and Machine Learning in Grid Management
- Integrating Power-to-Heat (-to-Power) Solutions & Thermal Energy Storage (TES) for Grid Flexibility
- Electrification of Industrial Processes
- Demand-Side Management
- Sector Coupling: Electricity and Heat Integration

Technical Session 5: Transforming the Past: The Future of Existing Infrastructure & Assets

Description

This session explores innovative pathways for transforming existing power infrastructure and assets, including co-firing and conversion technologies. It also addresses technical and economic challenges of fossil plant decommissioning, strategies for managing end-of-life risks, and regenerating industrial sites for sustainable reuse.

Potential topics include:

- Gas Turbines with Hydrogen or Ammonia Co-Firing and 100% Hydrogen Capable Gas Turbines
- Coal to Biomass Transformation of Power Plants and Coal-Biomass Co-Firing
- Technical and Economic Challenges When Decommissioning Fossil Fuel Plants
- Re-Use of Existing Storage and Infrastructure Solutions
- End-of-Life Risk Management
- Repurposing, Site Regeneration and Recultivation
- Operational Flexibility in Existing Infrastructure

Technical Session 6: vgbe-TENPES Workshop

Description
This session explores innovative technologies and strategies for achieving carbon neutrality in Europe and Japan. It is a joint event held by vgbe energy* and TENPES (TENPES is an association for Thermal and Nuclear Power Generation Technology in Japan, vgbe energy is the international association for power plant and energy asset operators).
(*vgbe energy is MOU partner of IERE)

Potential topics include:

- National and Company Strategies for Achieving Carbon Neutrality
- Hydrogen Combustion Technology for Gas turbine
- Ammonia Combustion Technology for Gas turbine and boiler
- Hydrogen Production Technologies
- Update of Recent CCUS Projects
- Carbon Capture Technologies
- Carbon Utilization Technologies
- Effective Use of Thermal Power Generation Facilities to Stabilize Power Grids Following the Large-Scale Introduction of Renewable Energy
- Geothermal Power Generation Technologies
- Opportunities for hybridising existing and repurposing former power plant sites

Closing Remarks

Social Event (Optional)

December 5, 2025

Technical Tour (Optional)

Program (subject to change)

The program may be subject to change according to the registration of speakers and participants.

Welcome Reception

Tuesday, December 2, 2025
Lobby bar Restaurant, Clayton Hotel, Düsseldorf

18:30–19:00	Registration
19:00–21:00	Welcome Reception

25th IERE General Meeting and RWE TI Germany Forum

- Day 1 -

Wednesday, December 3, 2025
Newton 1–3, Clayton Hotel, Düsseldorf

08:00–08:20	Registration
General Chair:	Ingo BIRNKRAUT, Director Strategic Development, RWE Generation SE, Germany
	Michael SCHÜTZ, Head of CCS & Biomass, RWE Technology International GmbH
08:20–08:30	Introduction to the venue and opening speakers by the General Chair

Opening Session

08:30–08:40	O-1	Opening Address Munib AMIN, IERE Chair
08:40–08:50	O-2	Welcome Speech Ingo BIRNKRAUT, Director Strategic Development, RWE Generation SE, Germany

Plenary Session: Keynote Speeches

08:50–09:20	K-1	**Power-to-X – the Missing-Link in Integrated Energy Scenarios** Rüdiger-A. EICHEL, Forschungszentrum Jülich, Director of the Institute for Climate and Energy Systems / RWTH Aachen: Chair of

		Materials and Processes for Electrochemical Energy Conversion and Storage, Germany
09:20–09:50	K-2	**Status of the Energy Transition in Europe and the value of flexibility in the future energy system** Oliver THEN, Executive Managing Director, vgbe energy e.V., Germany
09:50–10:20	K-3	**From the European Green Deal to the Clean Industrial Deal – New Directions for European Energy Policy?** Tobias RAMMEL, RWE Head of EU Representative Office Brussels, RWE, Belgium
10:20–10:50		Coffee Break and Group Photo

Panel Session 1:

10:50–11:30

Moderator:

Max Voß, Team Lead Decarbonisation Intelligence, Strategic Development R&D and Technology Intelligence, RWE Generation SE, Germany

Panelists:

Professor Rüdiger-A. EICHEL

Dr. Oliver THEN

Dr. Tobias RAMMEL

Technical Session 1: Flexible Power Generation for a Decarbonized Future

Chair Person: Emiel van Dorp, Strategic Engineer, Biomass Process Engineering & Chemistry, RWE Generation NL, the Netherlands

11:30–11:50	T1-1	**Operational Strategies for Scalable Electrolyzer Deployment** Aruna CHANDRASEKAR, Research Engineer IV, Net-Zero Clusters, Electrical Power Research Institute Europe, Ireland
11:50–12:10	T1-2	**Back-up power plants for "dark wind lull" in Germany´s power grid with the comparison of CCGT + CCS versus CCGT with hydrogen or direct ammonia firing** Torsten BUDDENBERG, Senior Technical Advisor, Dusseldorf Branch, Mitsubishi Heavy Industries EMEA Ltd., Germany
12:10–13:40		Lunch (Travellers Restaurant)

Technical Session 2: Pathways to Net Zero: Strategies for a Decarbonized Energy Future (Part 1)

Chair Person: Lea BOCHE, Principal Technical Leader, Digitalization, Electrical Power Research Institute Europe, Germany

13:40–14:00	T2-1	**Safe Handling and Storage of Biomass within RWE Generation** Emiel VAN DORP, Strategic Engineer, Biomass Process Engineering & Chemistry, RWE Generation NL, The Netherlands
14:00–14:20	T2-2	**Lipid Extraction from microalgae by liquefied ammonia** MAEDA Yuki, Research Scientist, Energy Transformation Research Laboratory, Central Research Institute of Electric Power Industry, Japan
14:20–14:40	T2-3	**Carbon Capture Projects at RWE – Technical Overview** Tobias NEUMANN, Expert CCUS, CCS and Biomass, RWE Technology International GmbH, Germany
14:40–15:00		Coffee Break

Technical Session 2: Pathways to Net Zero: Strategies for a Decarbonized Energy Future (Part 2)

Chair Person: Tobias NEUMANN, Expert CCUS, CCS and Biomass, RWE Technology International GmbH, Germany

15:00–15:20	T2-4	**An AI Approach to Optimize the Operation of a Hydrogen Valley** Lea BOCHE, Principal Technical Leader, Digitalization, Electrical Power Research Institute Europe, Germany
15:20–15:40	T2-5	**Heat pumps for new developments in industrial electrification** Torsten BUDDENBERG, Senior Technical Advisor, Dusseldorf Branch, Mitsubishi Heavy Industries EMEA Ltd., Germany
15:40–16:00	T2-6	**Joule-heated reactor structures for the electrification of direct air capture** Jeroen WEIJTS, PhD researcher, Chemical Engineering & Chemistry, Eindhoven University of Technology, The Netherlands
16:00–16:20	T2-7	**Waste to Hydrogen – Torrefaction pilot plant at RWE Innovation Centre Niederaußem** Moritz Doeker, Engineer, Research and Development, RWE Power AG, Germany

Technical Session 3: Beyond the Peak: Storage Solutions for Resilience and Reliability

Chair Person: Aruna CHANDRASEKAR, Research Engineer IV, Net-Zero Clusters, Electrical Power Research Institute Europe, Ireland

16:20–16:40	T3-1	**Energy Storage: State of the Art and Power System Application** LI Yuyang, Engineer, Department of Energy Storage, China Electric Power Research Institute, China
16:40–17:00	T3-2	**Techno-economic comparison of Long-duration energy storage and peaker plants for peak load coverage in the german energy market** Tom NESSELHAUF, Master's Student, Industrial Engineering, University of Duisburg-Essen, Germany
17:00–17:20	T3-3	**Thermal Long Duration Energy Storage Options to Replace Grid Flexibility Services to Integrate more Renewables in the Grids** Michael GEYER, Managing Director Europe, Malta Inc., US
17:20–17:40	T3-4	**Battery Energy Storage: A Key Enabler for Low-Carbon, Reliable Grid** Mohamad Hakim ZAINUDDIN, Senior Analyst, Single Buyer Department, Tenaga Nasional Berhad, Malaysia

Official Dinner

Wednesday, December 3, 2025
Travellers Restaurant, Clayton Hotel, Düsseldorf

19:00–21:00 Official Dinner

25th IERE General Meeting and RWE TI Germany Forum

- Day 2 -

Thursday, December 4, 2025
Newton 1–3, Clayton Hotel, Düsseldorf

08:00–08:20 Registration

General Chair: Ingo BIRNKRAUT, Director Strategic Development, RWE Generation SE, Germany

Michael SCHÜTZ, Head of CCS & Biomass, RWE Technology International GmbH

08:20–08:30 Introduction to the venue and opening speakers by the General Chair

IERE General Meeting

Moderator: TAKEI Katsuhito, Secretary General, IERE

08:30–08:45	G25-1	**Recent IERE Activities (November 2024–November 2025)** Munib AMIN, IERE Chair
08:45–09:00	G25-2	**Ongoing Projects and Upcoming Events** TAKEI Katsuhito, Secretary General, IERE
09:00–09:25	SL-1	**Special Lecture:** **Powering Progress: How Transdisciplinary Research Shapes the Future of Utility R&D** Greg TOSEN, IERE Advising Chair Emeritus

Special Session: Featured Company Overviews, Strategies, and Roadmaps etc.

Chair Person: TAKEI Katsuhito, Secretary General, IERE

09:25–09:50	S-1	**Shaping the Energy Future – EnBW's Contribution** Wolfram MÜNCH, Director, Research & Development, EnBW Energie Baden-Württemberg AG, Germany
09:50–10:15	S-2	**Strategic Role of CEPRI in China's Energy Transition** WANG Weisheng, Vice Chair of IERE/Chief Engineer (CTO), China Electric Power Research Institute, China
10:15–10:40	S-3	**Overview of CRIEPI's R&D Vision – 7 Goals toward 2050 –** IKEDA Michitaka, Senior Manager, International Strategies, Planning Group, Central Research Institute of Electric Power Industry, Japan

10:40–11:00 Coffee Break

Technical Session 4: Grid Interaction, Optimization with Variable Renewables and Demand-Side Management

Chair Person: Oscar UJAQUE HURLEY, Technical Project Manager, Mechanical Engineering, RWE Technology International, UK

11:00–11:20	T4-1	**Integrating Meteorology and AI Technology: Enhancing Climate Resilience for China's Power System** WANG Shu, Senior Engineer, Department of Renewable Energy, China Electric Power Research Institute, China
11:20–11:40	T4-2	**TOWER LINK -Concept of Reliable and High Speed Communication Network for Real Time Analysis of the Power System Including a Huge Number of DERs-** MIYASHITA Michifumi, Senior Research Scientist, Grid Innovation Research Laboratory, Central Research Institute of Electric Power Industry, Japan
11:40–12:00	T4-3	**Key technologies and applications for preventing and controlling grid-connected security risks of massive distributed resources** ZHENG Bowen, Engineer, Department of Power Utilization & Energy Efficiency, China Electric Power Research Institute, China
12:00–13:30		Lunch (Travellers Restaurant)

Technical Session 5: Transforming the Past: The Future of Existing Infrastructure & Assets

Chair Person:		MIYASHITA Michifumi, Senior Research Scientist, Grid Innovation Research Laboratory, Central Research Institute of Electric Power Industry, Japan
13:30–13:50	T5-1	**RWE light house project case study: Moerdijk high hydrogen conversion** Jappe HOEBEN, Technical Consultant GT Flexibility, RWE TI, RWE Generation NL, The Netherlands
13:50–14:10	T5-2	**Life Extension and Maintenance Strategy Optimisation (LEMSO) of Gas Power Plants** Oscar UJAQUE HURLEY, Technical Project Manager, Mechanical Engineering, RWE Technology International, UK

Technical Session 6: vgbe-TENPES Workshop

Chair Person:		Sebastian ZIMMERLING, Head of our newest Technical Competence Center "Future Energy System", vgbe energy e.V., Germany
14:10–14:15		**Workshop Opening Adress** Oliver THEN, Executive Managing Director, vgbe energy e.V., Germany

14:15–14:35	T6-1	**Estimating Data Center Power Demand and Challenges for Future Power Supply Development in Japan** ASANO Kenji, Senior Research Scientist, Socio-Economic Research Center, Central Research Institute of Electric Power Industry, Japan
14:35–14:55	T6-2	**Chemical and Carbonate Looping Concepts for Efficient CO2 Capture from Diverse Emission Sources** Jochen STRÖHLE, Energy Systems and Technology, Technische Universität Darmstadt, Germany
14:55–15:25		Coffee Break
15:25–15:45	T6-3	**Development and Verification of MHI Carbon Neutral Solutions(NH3, H2 and CO2)** AI Toshishige, Senior Manager, Technology Strategy Department, Mitsubishi Heavy Industries, Ltd., Japan
15:45–16:05	T6-4	**View of STEAG Iqony group on decarbonisation and power market** Jens REICH, Head of Site Development, STEAG Power GmbH, Germany
16:05–16:25	T6-5	**Geothermal Power Generation Technologies** WADA Kazuhiro, Fellow, Heat Cycle Planning & Engineering Dept. Power System Div., Toshiba Energy Systems & Solutions Corporation, Japan
16:25–16:45	T6-6	**Delivering Carbon Capture at Scale** Gabriel DEHLIN, Study Manager, Technical Adovisory Services, SLB Capturi, Denmark
16:45–16:50		**Workshop Closing Remarks** ISHIKAWA Tomoo, General Manager, Engineering Department, Thermal and Nuclear Power Engineering Society

Closing Remarks

16:50–16:55	Ingo BIRNKRAUT, Director Strategic Development, RWE Generation SE, Germany
16:55–17:00	TAKEI Katsuhito (Secretary General, IERE)

Social Event (Optional)

Thursday, December 4, 2025
Visit of the Brewery "Im Goldenen Kessel" in Düsseldorf with traditional German dinner/ buffet

(For participants who have booked the optional Social Event)

18:00– Social Event

Visit of the Brewery "Im Goldenen Kessel" in Düsseldorf with traditional German dinner/ buffet

"Welcome to "Im Goldenen Kessel"

In the middle of the Altstadt (old town), in “IM GOLDENEN KESSEL”, businessman meets postman, the long-time resident meets the globetrotter. Family-owned for over 120 years, this is our most traditional brewpub.

In the heart of Düsseldorf’s old town you’ll find the historically most important brewery bar IM GOLDENEN KESSEL on Bolkerstrasse. This house has been a living Düsseldorf cultural hotbed for over 120 years.

For example, the first bust of the Düsseldorf-born poet Heinrich Heine was placed here for public viewing. Today he still looks upon the happy goings-on in the Golden Kettle. The medical faculty of the Heinrich Heine University was also founded here with one or two SCHUMACHER ALT as well as many (traditional) associations.

Anyone who comes to visit us in the IM GOLDENEN KESSEL can look at the history of the city in many original pictures from the Düsseldorf School of Painting. Altbier was also brewed in this house until 1925. Today, our traditionally witty and friendly Köbesse (waiters) serve – as is typical for breweries – businessmen, workers, foreigners, people from Düsseldorf, men, women, or simply friends with one, two, three (…) 1838s or SCHUMACHER ALT.
https://schumacher-alt.de/en/brewery-and-brewing-process/

https://schumacher-alt.de/en/restaurants/

Technical Tour (Optional)

Friday, December 5, 2025
Visiting RWE Innovation Centre with Lunch

(For participants who have booked the optional Technical Tour)

07:30	Gathering at the Clayton Hotel Lobby
07:45	Bus Transfer & Site Entrance: 75 minutes
09:00	Visit RWE Innovation Centre: 180 minutes
12:00	Wrap and Lunch: 60 minutes
13:00	Leave for Clayton Hotel, Bus Transfer: 75 minutes
14:15	Arrive at Clayton Hotel

- The itinerary time may change due to different traffic, weather, or unforeseen conditions, circumstances.

"The RWE Innovation Centre in Niederaussem serves as a hub for pioneering research and development focused on the future of energy supply. Key questions addressed at the centre include how CO2 scrubbing works and how carbon dioxide can be transformed into a valuable raw material. The Innovation Center is equipped with advanced testing and demonstration facilities, such as CO2 and methanol filling stations, CCU testing plants, a demonstration plant for mercury mitigation, multi-fuel conversion units, and thermocatalytic reforming (TCR) systems. It also features specialized rigs for gas cleaning, synthesis, and fluidised-bed drying.

RWE's commitment to innovation is reflected in the investment of over 100 million euros in recent years at the Niederaussem site. Through its Info Centre, RWE fosters transparency and engagement, helping the public understand complex energy topics while providing an international platform for expert exchanges on leading-edge technologies. "
https://www.rwe.com/en/research-and-development/rwe-innovation-centre/

Call for Presentations (Closed)

~~<<Abstract Submission: No later than September 2, 2025>>~~

~~Abstract Submission: No later than October 2, 2025~~

~~You are kindly invited to submit abstracts for the Oral Session or Poster Session for the RWE TI Germany Forum by email. In addition, please submit the Speaker's Information.~~

~~to: **register (at) iere.jp** [Please substitute " (at) " with "@"]~~

~~As for the **format of the Abstract**, please refer to "Events" page on IERE website.~~
~~https://www.iere.jp/events/forum/2025-germany/forspeakers.html~~

~~- The official language of the IERE Forum is English.~~
~~- Abstract will be posted on the IERE website and open to the public.~~
~~- Change of presentation session (oral or poster) may be requested depending on the number of submitted abstracts.~~
~~- Presentation Slides will be posted on the IERE website and open to IERE members and General Meeting and Forum participants.~~

<< Presentation Slides Submission: No later than November 17, 2025 >>

You are kindly requested to submit presentation slides (PowerPoint) via email.

- The official language of the IERE Workshop is English.

Note: Presentation Slides will be open to all participants of this workshop and IERE members on the IERE website. If you do not wish to have your presentation slides made public, please contact the IERE Central Office.

Registration

Deadline: November 17, 2025

Total number of participants is limited to 100 people.
If possible, please register using the method (a) below. If you are unable to use Google Forms due to limitations in your system environment or other reasons, please register using method (b) below.

Please be informed that, for this Forum, only the Keynote Speeches and the Special Session will be delivered in a hybrid format.
One account complimentary online access will be provided for each **on-site participant from IERE members**.
Details regarding online access will be communicated later.

(a) On-Line Registration (Google Forms)
URL: https://forms.gle/U67FB2w73QFhmw6R6
or
(b) Submit a Registration Form (Format 1-1) to IERE Central Office via Email

Note: Photographs and videos may be taken by the IERE during this event. These images may be used for promotional purposes on the IERE's website and social media platforms etc.

Registration Fee

The Registration fee will cover attendance at both forum days (including lunches & refreshments at coffee breaks), welcome reception on December 2, official dinner on December 3 and conference package:

IERE Members:	**EUR 700 per person**
Non-IERE Members:	**EUR 1,100 per person**
Academic Participants:	**EUR 700 per person**
Student Participants:	**EUR 550 per person**

Recommended Options

Social Event (Optional) December 4:	**EUR 50 per person**
Technical Tour (Optional) December 5:	**EUR 55 per person**

Note. Accommodation and travel costs will be borne by the participants.

Payment

On-Line Credit Card Payment and Bank Transfer are available.
Deadline: **November 17, 2025**

(a) On-Line Credit Card Payment

URL: https://www.iere.jp/Payment/paypal_25GM.html

(b) Bank Transfer

Name of the Bank:	MUFG Bank, Ltd.
Name of the Branch:	Seijo branch
Name of the account:	IERE
Account Number:	0091344
Bank address:	15-1 Seijo 6-chome, Setagaya-ku, Tokyo, 157-0066 JAPAN
SWIFT code:	B O T K J P J T

VISA (Closed)

For participants from some countries needing a VISA to enter Germany, please check the below or consult with travel agent in your country for the details.

URL: https://www.auswaertiges-amt.de/en/visa-service/visabestimmungen-node

If you need an Invitation Letter*, please send 'Invitation Letter for VISA Request Form' to IERE Central Office via Email by **October 31, 2025**.

* RWE TI will be able to issue an invitation letter for participants who need to apply for Visa. It will take approximately 1–2 weeks for RWE TI to prepare this after receiving all information, so please submit the form as soon as possible.

Disclaimer: RWE TI reserves the right to fulfill or decline, at RWE TI's discretion, requests for letters of invitation for visa application support purpose.

Submission Items & Deadlines

For Participants [including Technical Session Speakers]

Items	Format No.	Deadline/ Limitation	To:
Registration Form	**1-1**	**November 17, 2025**	register(at)iere.jp [Please substitute (at) with @]
Invitation Letter for VISA Request Form (If necessary)	**2**	**October 31, 2025 (It takes 1–2 weeks to issue)**	Ditto
Registration Fee	—	**November 17, 2025**	Please refer to Page 13
Social Event Fee [optional]	—	**November 17, 2025**	Ditto
Technical Tour Fee [optional]	—	**November 17, 2025**	Ditto

The format No.1-1 is not required for On-line Registration.

The formats (No. 1-1 and 2) can be downloaded from IERE website.
URL: https://www.iere.jp/events/forum/2025-germany/register.html

For Speakers

Items	Format No.	Deadline	To:
Abstract & Speaker's Information	**3**	**October 2, 2025**	register(at)iere.jp [Please substitute (at) with @]
Presentation Slides (PowerPoint File)	—	**November 17, 2025**	

The formats (No. 3) can be downloaded from IERE website.
URL: https://www.iere.jp/events/forum/2025-germany/forspeakers.html

Speakers are kindly requested to submit their Presentation Slides (PowerPoint File) by **November 17, 2025**.

Note: Presentation Slides will be open to all participants of this workshop and IERE members on the IERE website. If you do not wish to have your presentation slides made public, please contact the IERE Central Office.

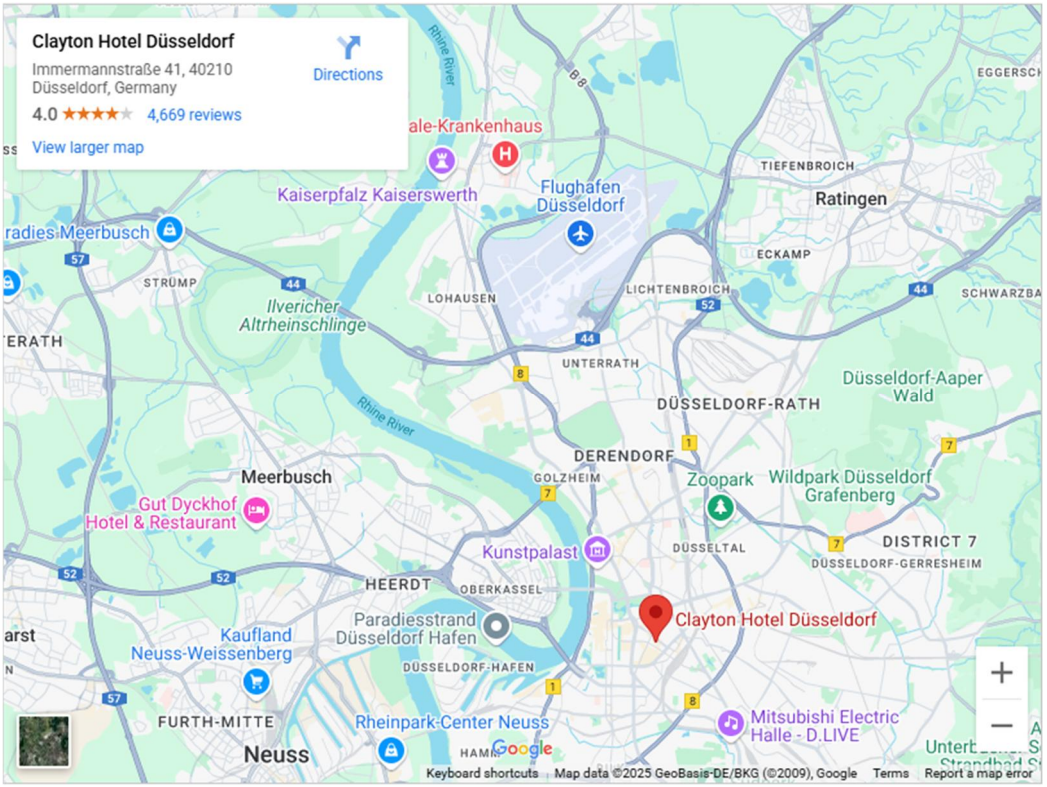
Conference Venue & Accommodations

Conference Venue

Clayton Hotel, Düsseldorf, Germany
Location: Immermannstraße 41, 40210 Düsseldorf, Germany
website: https://www.claytonhotels.com/duesseldorf/en/

Location of Clayton Hotel Düsseldorf

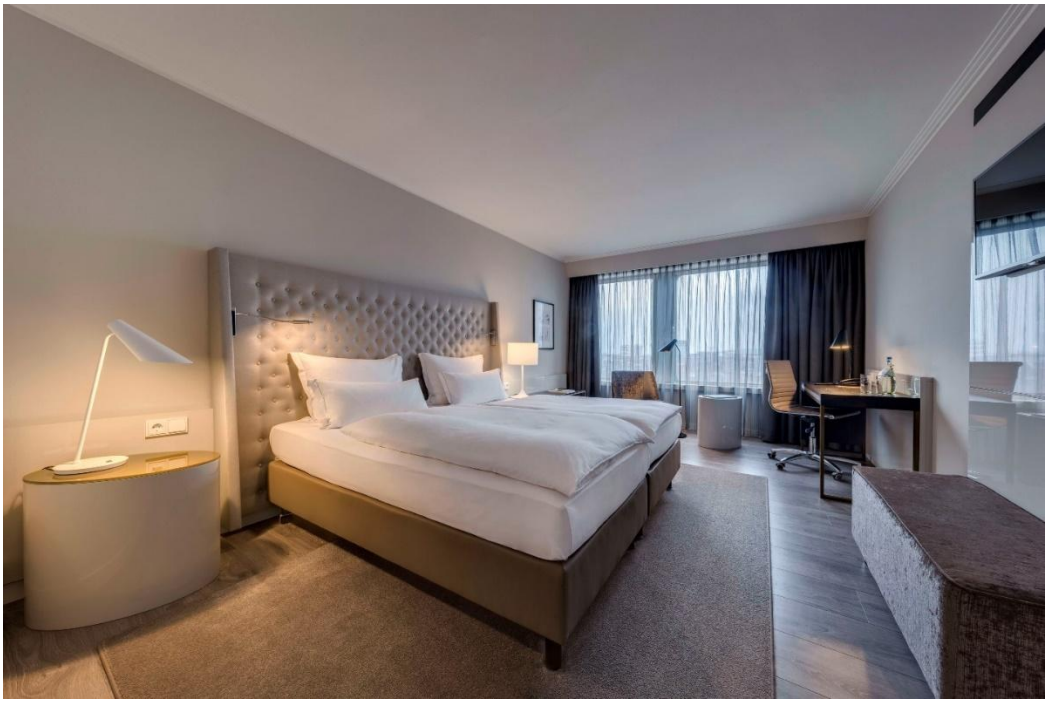
https://maps.app.goo.gl/54cNHSsG9F7mddEk9



Accommodations

Clayton Hotel, Düsseldorf, Germany
Location: Immermannstraße 41, 40210 Düsseldorf, Germany
website: https://www.claytonhotels.com/duesseldorf/en/

NOTE: **There is no special accommodation arrangements with the venue hotel for conference participants.**



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About RWE TI

RWE Technology International GmbH is an integral part of RWE Group and a fully owned daughter company of RWE Generation.

With a successful history spanning more than 125 years, the RWE Group is a leading provider of energy worldwide.

RWE Generation is responsible for power generation based on gas, hard coal, hydropower and biomass within the RWE Group and operates power plants in Germany, the UK, the Netherlands and Turkey. With a flexible and efficient power plant fleet, RWE Generation bridges the gap to the new age of renewables. Our hydrogen activities play also an important role in this context. RWE is also represented in many core markets with hydropower plants.

By converting our power plants, focusing on flexible generation and successfully developing new storage technologies, RWE Generation is making a key contribution to the ambitious goal of RWE as a whole – to be carbon-neutral by 2040.

The expertise of RWE Technology International as part of RWE Generation goes beyond just delivering energy projects. To ensure that our clients' plants and projects achieve maximum performance, we offer customized, innovative solutions across the entire life cycle.

Through our deep understanding of plant technology, design, construction, operation and optimization, we minimize risks and total costs for our clients and increase their return. We work as a strategic business partner, helping you optimize profit and risk in your business.

We support worldwide in energy transition activities and with our engineering, we deliver tailor-made, client-specific solutions across the entire value chain of energy projects.

We offer decades of experience with extensive expertise in engineering services and technical consulting, backed by the operating experience of the RWE Group.

We have over 600 engineers and project managers with in-depth operating experience at B-to-B level and broad expertise across the energy sector. This enables us to offer our clients independent technical consulting services as well as operational and maintenance advice.

We are your strategic business partner with a mission to support you in reducing your CO2 footprint and improving your security, profitability and sustainability in the energy and mining sectors.

https://www.rwe.com/en/the-group/rwe-ti/
https://www.rwe.com/en/the-group/rwe-generation/

About IERE

IERE is an organization for exchanging electricity and energy related cutting-edge technologies and R&D information among its members from the electricity and energy supply industry, equipment provider businesses, academic research, government, etc. This unique platform is of great help for executives, senior managers, engineers, and researchers who are responsible for R&D and solutions. It is a worldwide, non-profit organization, established as “International Electric Research Exchange” in 1968.

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