7th Germany-Korea Hydrogen Conference | 21 October 2026

8:00 Admission

9:15 **Opening / Welcome Addresses | Conference Room Marseille**
- Charlie Brandon | Director of H2Expo
- Seokjin Jung | Secretary General of H2KOREA
- Prof. Dr. Markus Holz | Vice-President of Anhalt University of Applied Sciences
- Prof. Dr. Chinho Park | Acting President of KENTECH University
- Dr. Kai Hilgenberg | Head of the Department Component Safety at BAM
- Prof. Dr. Christian Doetsch | Director of Fraunhofer Umsicht
- Seyho Kim | Deputy Consul General, Consulate General of the Republic of Korea in Hamburg

10:00 Coffee Break

10:15 **H_2 Policy & Market | Conference Room Marseille**
- Hydrogen Policy in Korea | GeonYun Kim | H2Korea
- Hydrogen Policy in Germany | Oliver Meyer | BMWE
- Public and Private Financing Instruments for Hydrogen Market Ramp-up in Korea
  Prof. Chinho Park | KENTECH
- Building Markets through Double-Sided Auctions
  Pauline Raabe | H2Global

11:30 **Panel Discussion on „Hydrogen Market Ramp-up in Korea and Germany"**

12:15 Lunch Break & Networking

13:00 **H_2 Logistics & Storage | Conference Room Marseille**
- Bridging the Gap: Modeling Last-Mile Transport for H2 and PtX
  Anna Wunsch | Fraunhofer ISE
- Certified to Deliver: Navigating Korea's Hydrogen Approval Requirements
  Across the Supply Chain
  Erik Hirsch | MPR International GmbH
- Underground Hydrogen Storage: Strengthening Energy Resilience
  and Security in a Renewable Future
  Hrishikesh Chinchkar | Anhalt University of Applied Sciences
- Recent Progress in Mg-Based Solid-State Hydrogen Storage and Commercialization Pathways
  Dr. YoungMin Kim | Korea Institute of Materials Science
- Korea-Germany Joint Research: Ultra-Lightweight Liquid Hydrogen Fuel Tank
  Using Carbon Composite Materials | Seoyoung Kim | Hylium Industries, Inc.
- One Grid Does Not Fit All – Tailored Microgrids for Diverse Economic Units
  Pranav Rajendran | move technology GmbH

13:00 **H_2 Utilization | Conference Room Kopenhagen**
- Hydrogen Utilization Policy of Korea: Current Status and Future Market Development
  Sungmin Byun | H2Korea
- Development of a Carbon-Negative and High-Efficiency DAC-CCU System
  Kevinjeorjios (Jorgo) Pellumbi | Fraunhofer UMSICHT
- Direct Use of Ammonia in High-Temperature Solid Oxide Fuel Cells
  Prof. Dr. Kiho Bae | KENTECH University
- BAM's Living Lab: An Experimentation Space for Safer Integrated Energy Systems
  Kai Oehring | BAM
- Future Mobility with Liquid Hydrogen Technology
  Dr. SangKeun Lee | Hylium Industrie Essen Office

15:10 Coffee Break & Networking

15:40 **H_2 Safety & Standardization | Conference Room Marseille**
- Safety of Pipeline Infrastructures – Living Lab H2 Networks | Dr. Kai Holtappels | BAM
- Field Test-Based Risk Evaluation of H2 Release and Fire in a 100% H2 Pipeline
  Dr. Yang Kyun Kim | Korea Insitute of Civil Engineering & Building Technology (KICT)
- Modelling the Release and Dispersion of (L)H2 | Dr. Abdel Karim Habib | BAM
- Development of Ultra-Precision H2 Leak Detection Technology
  and On-Device AI Control Modules | Pyung Kang Moon | SUNDOO Electronics Co. Ltd.
- Development and Field Validation of Inspection Technologies for H2 Embrittlement
  and Corrosion Monitoring in Underground Pipeline
  Jong Beom Lee | PRIMS Global Co. Ltd.
- Safety Evaluation and Improvement of LH2-Tanks | Dr. Robert Eberwein | BAM

15:40 **H_2 Production | Conference Room Kopenhagen**
- H2 Generation via Electrolysis – PEM EL Materials and Recycling
  Dr. Christian Gebauer | Heraeus Precious Metals
- Large Language Model-Guided Design of Chemical Machine Learning Model
  Prof. Geun Ho Gu | Kentech University
- Wet Biomass to Hydrogen – Thermochemical processes to Increase Hydrogen Yield
  from Unconventional Feedstock | Prof. Dr. Christian Doetsch | Fraunhofer UMSICHT
- Cost innovation in PEM Electrolysers Through the Development of new Technologies
  and Materials | Peter Song | H2ESK
- Advancing Electrolyzer Durability Through Materials, Testing and Digital Solutions
  Zahra Nasri | ElementarHy
- From cm² to m²: Advances in Alkaline Electrolysis Materials and Components
  Dr. Felix Heubner | Fraunhofer IFAM

17:20 Closing Remarks & Further Networking

18:00 **Dinner**

organized by
AHK Korean-German Chamber of Commerce and Industry 한독상공회의소 | H2KOREA Korea Hydrogen Alliance | 수소모빌리티연구조합 | 한독에너지파트너십 Energiepartnerschaft DEUTSCHLAND - KOREA | Fraunhofer | KENTECH Korea Institute of Energy Technology | Hochschule Anhalt University of Applied Sciences | adelphi | BAM | Korea Gas Safety Corporation

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