2020 Germany- Korea
Hydrogen Technology Conference

9:00	**Opening Remark** Dr. Byeungkwan Park, Representative, Fraunhofer Representative Office Korea
9:05	**Congratulatory Remarks** Dr. Youngjoon Joo, Deputy Minister for Energy and Resources, Ministry of Trade, Industry and Energy Mr. Thorsten Herdan, Director General Energy, Federal Ministry for Economic Affairs and Energy Germany Mr. Peter Winkler, Chargé d'affaires a.i., Embassy of the Federal Republic of Germany Seoul
	Policy
9:20	**The German National Hydrogen Strategy** Mr. Alexander Renner, Counsellor for Scientific Affairs, Embassy of the Federal Republic of Germany Seoul - BMBF
9:40	**Korean New Deal and Hydrogen Economy** Mr. Yeonwoo Choi, Director, New Energy Vision, Ministry of Trade, Industry and Energy
	Industry
10:00	**Status of Germany's Hydrogen Industry** Ms. Susanne Wöhrle, Vice President, Korean-German Chamber of Commerce and Industry
10:20	**Current Status and Challenges of the Hydrogen Industry in S.Korea** Mr. Jaedo Moon, Chairman, H2Korea
	Technology
10:40	**Hydrogen Technology in Germany and Fraunhofer – an Overview** Prof. Ralf. B. Wehrspohn, Executive Vice President, Fraunhofer-Gesellschaft
11:00	**R&D Strategies of H2 in Korea** Dr. Jonghee Han, Director-General, Clean Energy Institute, Korea Institute of Science and Technology
11:20	**Panel Discussion**
12:30	**Lunch**

Industry and R&D – Technology Demand/Supply

	Session A Hydrogen Production and Distribution	Session B Fuel cells and Hydrogen Utilization
14:00	**New Delta Project: Major Industry Transformation Model through Energy Conversion** Dr. Hang Soo Woo, Director, Energy Technology Support Agency, Ulsan Technopark	**Korean Market of Stationary FCs and Business Cases of HFC in Doosan Group** Dr. Hae-Weon Lee, Executive Vice President, Business Operations, Hydrogen-Economy Innovation Office, Doosan Corporation
14:25	**Hydrogen Refueling Station for Urban area – Liquid Hydrogen : Large capacity and Low footprint** Mr. YongOk Jeon, Director, Head of F2/H2 Business Division, Linde Korea	**Hydrogen Fuel cell Technology at the BMW Group** Mr. Elmar Hockgeiger, Head of R&D Center Korea Dr.Jürgen Guldner, Vice President, Hydrogen/Fuel Cell Technology and Vehicle Projects BMW Group
14:50	**Hydrogen Infrastructure and the role of KOGAS** Mr. Kyung Suk Bae, General Manager, Hydrogen Business Planning Team, Korea Gas Corporation	**The Hydrogen Economy and Vision 2030** Dr. Saehoon Kim, Senior Vice President, Head of Fuel Cell Center, Hyundai Motor Company
15:15	Break	
15:35	**Enabling Hydrogen Economy with PEM Electrolysis Systems** Mr. YoungTak Kim, Director, New Energy Business, Siemens Energy Korea	**Production research for automotive fuel cell membrane electrode assemblies** Mr. Ulf Groos, Head of Department Fuel Cell Systems, Hydrogen Technologies Division, Fraunhofer ISE
16:00	**Hydrogen Factory of the Future – Design and operation of demand-driven systems** Dr. Torsten Birth, Head of Department Energy-Resource efficient System, Fraunhofer IFF	**Hydrocarbon-based membranes for polymer electrolyte fuel cell and electrolysis** Dr. Tae Ho Kim, Principle Researcher, Energy Materials Research Center, Advanced Materials Division, KRICT
16:25	**Enhanced design of water electrolysis cells for renewable hydrogen production : KIER progress and opportunities** Dr. Hyun-Seok Cho, Senior Researcher, Hydrogen Research Department, KIER	**Solid Oxide Electrolysis and its utilization for decarbonized steel manufacturing and chemical production** Dr. Mihails Kusnezoff, Head of Department Materials and Components, Fraunhofer IKTS
16:50	Break	
17:10	**Next generation solar modules for photo-electrochemical water splitting** Dr. Christian Hagendorf, Head of Group Diagnostics and Metrology, Fraunhofer CSP	**SOEC Research in KIST** Dr. Kyung Joong Yoon, Center for Energy Material Research, Clean Energy Institute, KIST
17:35	**Highly efficient massive green hydrogen production from CO_2 via Metal-CO_2 Battery** Prof. Guntae Kim, School of Energy and Chemical Engineering, UNIST	**Production technology for fuel cell** Dr. Ulrike Beyer, Head of Task Force Hydrogen Ms. Annabell Möbius, Division Production Systems and Machines, Fraunhofer IWU
18:00	Closing Remarks	