

NK2 Workshop “Ammonia for a Sustainable & Net Zero Economy”

Organized by the Fraunhofer IMWS Branch Lab “Circular Carbon Technologies” (KKT)

in cooperation with

Institute of Energy Process Engineering & Chemical Engineering, TU Bergakademie Freiberg (IEC, TUBAF)

Date: 16th June 2021 | 9:00 to 12:00 (CET)

Location: Online Workshop

Language: English

Dial in

08:45 – 09:00	We request that all presenters and participants dial in before 09:00 to ensure that we can start the workshop on time. All participants, please turn off the web cam and mute your microphone. Please use the chat function for your questions and comments.
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Workshop Agenda

09:00 – 09:05	Welcome	Roh Pin Lee <i>IEC/TUBAF & Fraunhofer IMWS-KKT, Germany</i>
09:05 – 09:20	Ammonia for decarbonization of mobility and carbon intensive sectors	Bernd Meyer <i>IEC/TUBAF, Germany</i>

Session Moderation: Martin Gräbner, IEC/TU Bergakademie Freiberg & Fraunhofer IMWS-KKT

Session 1:	Activities in Asia/Pacific	
09:20 – 09:40	Use of ammonia as hydrogen carrier	David Harris <i>CSIRO, Australia</i>
09:40 – 10:00	Ammonia production from post-consumer plastic with fully commercialized gasification technology “EUP”	Takahiro Obase <i>JGC Holdings Corporation, Japan</i>
10:00 – 10:15	Q&A	All
10:15 – 10:30	Short Coffee/Tea Break	
Session 2:	Activities in Europe	
10:30 – 10:50	Ammonia technology – today and future’s development	Pat Han <i>Haldor Topsoe A/S, Denmark</i>
10:50 – 11:10	Path and challenges to world scale green ammonia production	Markus Will <i>thyssenkrupp, Germany</i>
11:10 – 11:30	CAMPFIRE: New technologies for seasonal production and utilization of green ammonia as hydrogen 2.0	Angela Kruth <i>INP Greifswald, Germany</i>
11:30 – 11:45	Q&A	All
11:45 – 11:55	Conclusion	Martin Gräbner <i>IEC/TU BAF & Fraunhofer IMWS-KKT, Germany</i>
11:55 – 12:00	Information of Upcoming Events	Roh Pin Lee <i>IEC/TU BAF & Fraunhofer IMWS-KKT, Germany</i>