

## **NK2 Workshop “Chemical Recycling”**

**Organized by Institute of Energy Process Engineering & Chemical Engineering, TU Bergakademie Freiberg (IEC, TUBAF) in cooperation with the Fraunhofer IMWS Branch Lab “Circular Carbon Technologies” (KKT)**

Date: 05<sup>th</sup> October 2021 | 11:00 to 15:30 (CET)  
 Location: DBI-318, IEC, TU Bergakademie Freiberg, Fuchsmühlenweg 9, 09599 Freiberg  
 Language: English

### **Workshop Agenda**

11:00 – 11:15	Welcome & Introduction	Bernd Meyer, Roh Pin Lee <i>IEC/TUBAF, Germany</i>
11:15 – 11:45	State of the art review of chemical recycling technologies	Ludwig Seidl <i>IEC/TUBAF, Germany</i>

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

<b>Session 1:</b>		<b>Pyrolysis Technologies - Part 1</b>
11:45 – 12:00	Recenso GmbH: <i>CARBOLIQ- regenerating hydrocarbons from waste in industrial scale</i>	Stephan Aschauer, Germany
12:00 – 12:15	Pryme: <i>making plastic circular</i>	Rik Van Meirhaeghe, <i>The Netherlands</i>
12:15 – 12:30	Mura Technology: <i>Hydrothermal Upgrading of Waste Plastic with HydroPRS™ - Process &amp; Global Development</i>	Oliver Borek, UK
12:30 – 12:45	Basell Polyolefine GmbH: <i>Advanced Recycling</i>	Jens Becker, Germany
12:45 – 13:00	Q&A	All
13:00 – 13:30	Lunch Break	
<b>Session 2:</b>		<b>Pyrolysis Technologies - Part 2</b>
13:30 – 13:45	OMV: <i>Chemical Recycling of plastic, a useful complementary technology together with mechanical recycling - ReOil as an example</i>	Wolfgang Hofer, Austria
13:45 – 14:00	Agilyx: <i>Enabling Circularity for Post Use Plastic</i>	Chris Faulkner, US
14:00 – 14:15	Nexus Fuels, LLC: <i>Opportunities and Challenges with Chemical Recycling</i>	Jeffrey W. Gold, US
14:15 – 14:30	Q&A	All

### **Session Moderation: Roh Pin Lee, IEC/TU Bergakademie Freiberg**

<b>Session 3:</b>		<b>Relevant Developments &amp; Implications</b>
14:30 – 14:45	One Earth – One Ocean e. V.: <i>Overview of Ocean Waste Activities</i>	Klaus Lederer, Germany
14:45 – 15:00	IEC / TUBAF: <i>LCA for Chemical Recycling</i>	Florian Keller, Germany
15:00 – 15:30	Round up & Conclusion	Martin Gräbner, Bernd Meyer, Roh Pin Lee <i>IEC/TU BAF &amp; Fraunhofer IMWS-KKT, Germany</i>