

## Expert Workshop on Innovative Synthesis Routes for 2<sup>nd</sup> Generation Biofuels

Date: 22<sup>nd</sup> April 2021

Place: Online Workshop (Details follow after registration)

Thursday, 22 April		
09:30-09:45	“Welcome & Project Introduction”	J. Ströhle, TU Darmstadt
<b>Session 1</b>		
09:45-10:00	“R&I policy on bioenergy and biofuels: the European viewpoint”	T. Schleker, European Commission
10:00-10:15	„The role of gasification technologies in 2 <sup>nd</sup> generation biofuels value chains from an industry perspective“	C. Aichernig, Aichernig Engineering
10:15-10:30	“Interest and potential of 2 <sup>nd</sup> generation biofuels in petro-chemistry from an industry perspective”	J. Lederer, Orlen UniCRE
10:30-10:45	“Compact gasification and synthesis process for biofuels: outcomes from COMSYN project”	J. Kihlmann, VTT
10:45-11:00	Q+A Session 1	P. Dieringer, TU Darmstadt
	Coffee Break	
<b>Session 2</b>		
11:15-11:30	“Development of a concept for pre-treatment of straw”	I. Funcia, CENER
11:30-11:45	“Oxygen carrier selection for chemical looping gasification of biomass based on the results of continuously operated units in the kW-range”	A. H. Soleimani Salim, Chalmers University
11:45-12:00	“Innovative H <sub>2</sub> O <sub>2</sub> -based sour gas cleaning concept – basic ideas and status”	F. Buschsieweke, RWE
12:00-12:15	“Preparation of a 1 MW <sub>th</sub> pilot plant for full-chain 2 <sup>nd</sup> generation biofuel production tests based on chemical looping gasification”	F. Marx, TU Darmstadt
12:15-12:30	Q+A Session 2	P. Dieringer, TU Darmstadt
12:30-12:45	Concluding Remarks	J. Ströhle, TU Darmstadt