



ADVANCED BIOFUEL PRODUCTION WITH ENERGY SYSTEM INTEGRATION

Open Workshop Fuels of the Future

Energy System Integration of Bio-Based Fuels

- Energy products of the future - 2050
- Research and innovation needs
- Integration of fuel production into a European Energy System

Trondheim Sept. 13 2018

Agenda

9:00	Duncan Akporiaye (SINTEF, Leader of FME Bio4Fuels)
	Welcome / Introduction
9:10	Bernd Wittgens (SINTEF, Ambition & Bio4Fuels)
	Links between Ambition and Bio4Fuels
9:20	Judit Sandquist (SINTEF, Bio4Fuels)
	Future Ambitions for Liquid Transportation Fuels
9:40	Moritz Raab (German Aero Space Center)
	Technical and Economical evaluation of Biomass-to-Liquid, Power-to- Liquid and (Power & Biomass)-to-Liquid
10:10	Richard Espeseth (HydrogenPro)
	Hydrogen as part of future (transportation) energy system
10:40	Coffee Break
11:00	Discussion Part 1
12:00	Lunch
13:00	Jaap Kiel (ECN part of TNO)
	Gasification Beyond State of the art
13:20	Armin Günther (Air Liquide)
	Catalysis towards oxygenated compounds Beyond state of the Art
13:50	Heinz Preisig (NTNU)
	A new Approach to Process Design
14:10	Discussions Part 2
15:15	Closing of Workshop