

Pathways to Clean Fuels - From Research to Road

23.-24.11.2021
Register now!



Closed Carbon Cycle
MOBILITY



REDIFUEL

**LONG
RUN**

Supported by:
Federal Ministry
for Economic Affairs
and Energy
on the basis of a decision
by the German Bundestag



Pathways to Clean Fuels – From Research to Road

Tuesday, 23 November, 2021

| Time | Title | Presenter |
|-------|---|---|
| 9:00 | Welcome & Introduction | Prof. Stefan Pischinger (FEV) |
| 9:15 | Keynote Speech | Dr. Monika Griefahn (eFuel Alliance) |
| 10:00 | Project Introductions | |
| 10:00 | Closed Carbon Cycle Mobility – <i>C³-Mobility</i> | Benedikt Heuser (FEV) |
| 10:15 | Robust and Efficient processes and technologies for Drop In renewable FUELS for road transport – <i>REDIFUEL</i> | Maarten Weide (Uniresearch) |
| 10:30 | Development of efficient and environmental friendly LONG distance powertrain for heavy dUty trucks aNd coaches – <i>LONGRUN</i> | Arjo Roersch van der Hoogte (Uniresearch) |
| 10:45 | Investigation of the Technical Basis for the Standardisation of Methanol Fuels in Europe – <i>Methanolstandard</i> | Johannes Fryjan (FEV) |
| 11:00 | Break | |
| 11:15 | Cluster 1: Political Boundaries and Economic Visions and Incentives | |
| 11:15 | Introduction of H2Global | Timo Bollerhey (H2Global) |
| 11:45 | Strategy of Using E-Fuels | Prof. Christian Küchen (MWV) |
| 12:15 | Biomass Availability for the Production of Sustainable Biofuels and Economical Assessment of e-fuels, with a Look into their Geographical Areas of Production | Alba Soler Estrella (CONCAWE) |
| 12:45 | Q&A Session | |
| 13:15 | End of Day 1 | |

Pathways to Clean Fuels – From Research to Road

Wednesday, 24 November, 2021

| Time | Title | Presenter |
|-------|--|--|
| 8:30 | Cluster 2: Fuel Production | |
| 8:30 | Production and Distribution of Green Chemical Energy Carriers | Prof. Ralf Peters (FZ Jülich) |
| 9:00 | Synthesis of REDIFUEL as EN590 Compatible green Drop-in Fuel | Dr. Gonzalo Prieto (CSIC), Prof. Andreas Vorholt (MPI CEC) |
| 9:30 | MtG as EN 228 Compatible Green Drop-in Fuel | Prof. Martin Gräbner (TU Bergakademie Freiberg), Dr. Mario Kuschel (CAC) |
| 10:00 | Sustainable DME Production and Distribution | tbc (SHV Energy) |
| 10:30 | Q&A Session | |
| 11:00 | Break | |
| 11:30 | Cluster 3: Fuel Application | |
| 11:30 | H ₂ as Renewable Fuel for Heavy-Duty Applications | Dr. Lukas Virnich (FEV) |
| 12:00 | Efficient Methanol Combustion Systems – from Heavy-Duty to Large Bore | Arne Güdden (TME, RWTH Aachen), Patrick Send (Liebherr-Components) |
| 12:30 | Application of Drop-in REDIFUEL for Heavy-Duty Transport | Dr. Rupali Tripathi (Neste), Dr. Kai Deppenkemper (FEV) |
| 13:00 | Break | |
| 13:30 | MtG – Efficiently Reducing fossil CO ₂ Emissions of the Passenger Car Fleet | Prof. Thomas Garbe, William Kaszas (VW) |
| 14:00 | Development of Clean DME Combustion Systems for Passcar and LCV Application | Dr. Werner Willems (Ford) |
| 14:30 | Q&A Session | |
| 15:00 | Closure and End of Day 2 | |