

Pathways to Clean Fuels – From Research to Road



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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 | Benedikt Heuser (FEV) |
| 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 | <i>Break</i> | |
| 11:15 | Cluster 1: Political Boundaries and Economic Visions and Incentives | Christof Schernus (FEV) |
| 11:15 | Introduction of H2Global | Timo Bollerhey (H2Global) |
| 11:45 | Strategy of Using E-Fuels | Prof. Christian Küchen (en2x) |
| 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 | <i>Q&A Session</i> | |
| 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 | Prof. Kurt Wagemann (DECHEMA) |
| 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 | Rebecca Groen (SHV Energy), Stefan Schmidt (Primagas) |
| 10:30 | <i>Q&A Session</i> | |
| 11:00 | <i>Break</i> | |
| 11:30 | Cluster 3: Fuel Application | Prof. Antonio Garcia (CMT Motores Térmicos, UPV) |
| 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 | REDIFUEL – Fuel System Compatibility Aspects and Engine Related Evaluation | Dr. Rupali Tripathi (Neste), Dr. Kai Deppenkemper (FEV) |
| 13:00 | <i>Break</i> | |
| 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 | <i>Q&A Session</i> | |
| 15:00 | Closing Remarks and End of Day 2 | |