

EUROPEAN CONFERENCE

Results from road transport research in H2020 projects

29th and 30th March 2022

BluePoint Brussels – 80 Bd A. Reyers – 1030 Brussels

Final agenda

Following the Belgian government's decision, all the Covid restrictions have been lifted since 7 March 2022. Nonetheless, we invite you to still observe the basics such as keeping a safe distance, washing your hands... and you are encouraged to keep your mask in the meeting rooms.

DAY 1 – 29th March 2022

10.00 – Welcome coffee

10.30 – 11.15 – Opening speeches

Dr.-Ing. Stephan NEUGEBAUER, Director Global Research Cooperation, BMW Group and ERTRAC & EGVIafor2Zero Chair

Armin GRAETER, Leader Digitalisation and Automated Driving, BMW Group and CCAM Association Chair

Rosalinde VAN DER VLIES, Director - Clean Planet, DG Research and Innovation (DG RTD), European Commission

Herald RUIJTERS, Director, Investment, Innovative & Sustainable Transport, DG Mobility and Transport (DG Move), European Commission

Dirk BECKERS, Director, European Climate, Environment and Infrastructure Executive Agency (CINEA)

11.20 – 12.35 - Parallel sessions

ICT infrastructure for road transport	Solid state batteries for mobility: the chemistry of tomorrow?	Boosting electric mobility in cities in Europe and around the world
Andrea ARCELLI (CINEA)	Martha GIALAMPOUKI (CINEA)	Patrick MERCIER-HANDISYDE (EC DG RTD)
Torsten GEISSLER (BAST Germany)	Silvia BODOARDO (POLITO)	Mats ROSENQUIST (Volvo Group)
ICONET <i>New ICT infrastructure and reference architecture to support Operations in future PI Logistics NETWORKS</i> PLANET <i>Progress towards Federated Logistics Through The</i>	ASTRABAT <i>All Solid-state Reliable BATTERY for 2025</i> SAFELiMOVE <i>advanced all Solid state saFE Lithium Metal technology tOWards Vehicle Electrification</i>	ASSURED <i>fAST and Smart charging solutions for full size URban hEavy Duty applications</i> SOLUTIONSplus <i>Integrated Urban Electric Mobility Solutions in the Con text of the Paris</i>

Co-organised by





<p><i>Integration Of TEN-T into A Global Trade Network</i> ICT4CART ICT Infrastructure for Connected and Automated Road Transport</p>	<p>SOLiDIFY Liquid-Processed Solid-State Li-metal Battery: development of upscale materials, processes and architectures</p>	<p><i>Agreement, the Sustainable Development Goals and the New Urban Agenda</i></p>
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12.35 – 14.00 – Lunch break

14.00 -15.40 – Parallel sessions

Automated driving and the users	Building resilient-proof infrastructure	Improving chemistry of batteries, improving vehicle performance
Suzanna KRAAK (EC DG RTD)	Rafal STANECKI (EC DG MOVE)	Johan BLONDELLE (EC DG RTD)
Ingrid SKOGSMO (VTI)	Thierry GOGER (FEHRL)	Peter PRENNINGER (AVL)
<p>Levitare Societal Level Impacts of Connected and Automated Vehicles</p> <p>HADRIAN Holistic Approach for Driver Role Integration and Automation Allocation for European Mobility Needs</p> <p>MEDIATOR MEdiating between Driver and Intelligent Automated Transport systems on Our Roads</p> <p>SAFE-UP proactive SAFETy systems and tools for a constantly UPgrading road environment</p>	<p>RESIST RESilient transport InfraSTRUCTure to extreme events</p> <p>SAFEWAY GIS-Based linfrastructure Management System For Optimized Response To Extreme Events Of Terrestrial Transport Networks</p> <p>FORESEE Future proofing strategies FORe RESilient transport networks against Extreme Events</p>	<p>3beLiEVe Delivering the 3b generation of LNMO cells for the xEV market of 2025 and beyond</p> <p>COBRA CObalt-free Batteries for FutuRe Automotive Applications</p> <p>Si-DRIVE Silicon Alloying Anodes for High Energy Density Batteries comprising Lithium Rich Cathodes and Safe Ionic Liquid based Electrolytes for Enhanced High VoltagE Performance.</p> <p>LISA Lithium sulphur for SAFe road electrification</p>

15.40 – 16.00 – Coffee break

16.00 – 17.15 – Parallel sessions

Protection of road users	Charging solutions for a user and environmentally friendly electromobility	Green Vehicles – Virtual product development
Anca PASCA (CINEA)	Guido SACCHETTO (EC DG RTD)	Eric CERNEAZ (CINEA)
Peter URBAN (IKA-RWTH)	Ian FAYE (Bosch)	Aldo OFENHEIMER (Virtual Vehicle)
<p>OSCCAR Future Occupant Safety for Crashes in Cars</p> <p>VIRTUAL Open access virtual testing protocols for enhanced road users safety</p> <p>PIONEERS PROTECTIVE INNOVATIONS OF NEW EQUIPMENT FOR ENHANCED RIDER SAFETY</p>	<p>GreenCharge GreenCharge</p> <p>MEISTER Mobility Environmentally-friendly, Integrated and economically Sustainable Through innovative Electromobility Recharging infrastructure and new business models</p> <p>INCIT-EV Large demonstratioN of user Centrlic urban and long-range charging solutions to boost an engaging deployment of Electric Vehicles in Europe</p>	<p>PANDA Powerfull Advanced N-Level Digitalization Architecture for models of electrified vehicles and their components</p> <p>VISION-xEV Virtual Component and System Integration for Efficient Electrified Vehicle Development</p> <p>XILforEV Connected and Shared X-in-the-loop Environment for Electric Vehicles Development</p>

17.20 – 18.30 – Parallel sessions

New/future and inclusive mobility patterns	Urban logistics: on-demand, shared, connected and low emission	Green Vehicles – new vehicle design for new usage models
Anca PASCA (CINEA)	Paola CHIARINI (EC DG MOVE)	Maurizio MAGGIORE (EC DG RTD)
Suzanne HOADLEY (POLIS)	Fernando LIESA (ALICE)	Aldo OFENHEIMER (Virtual Vehicle)
DIAMOND <i>Revealing fair and actionable knowledge from data to support women's inclusion in transport systems</i> TinnGO <i>Transport Innovation Gender Observatory</i> REBALANCE <i>futuRE moBility vALues ANd CulturE</i>	LEAD <i>Low-Emission Adaptive last mile logistics supporting 'on Demand economy' through digital twins</i> ULaaDS <i>Urban Logistics as an on Demand Service</i> CityChangerCargoBike <i>CityChangerCargoBike</i>	DOMUS <i>Design OptiMisation for efficient electric vehicles based on a USer-centric approach</i> Multi-Moby <i>Safe, Secure, High Performing Multi-Passenger and Multi-Commercial Uses Affordable EVs</i>

18.30 – 18.45 EGVIafor2Zero - BEPA - JRC Collaboration Agreement – signature ceremony

- **Bernard MAGENHANN**, EC JRC Deputy Director General
- **Stephan NEUGEBAUER**, EGVIafor2Zero Chair
- **Michael LIPPERT**, BEPA Chair

18.45 – Cocktail

DAY 2 – 30th March 2022

9.00 – Welcome coffee

9.30- 10.45 Parallel sessions

Sustainable mobility in urban areas	Inclusive transport system to meet the user needs	Green vehicles - HDV of the future
Piotr RAPACZ (EC DG MOVE)	Yannick BOUSSE (CINEA)	Luca FEOLA (CINEA)
Karen VANCLUYSEN (POLIS)	Ingrid SKOGSMO (VTI)	Simon EDWARDS (Ricardo)
Park4SUMP <i>Actions demonstrate how Park4SUMP will lead to achieve sustainable transport in urban areas by strategically integrating innovative parking management solutions into SUMP policies</i> SUMP-PLUS <i>Sustainable Urban Mobility Planning: Pathways and Links to Urban Systems</i>	INDIMO <i>Inclusive digital mobility solutions</i> DIGNITY <i>DIGital traNsport In and for socieTY</i> TRIPS <i>TRansport Innovation for vulnerable-to-exclusion People needs Satisfaction</i>	AEROFLEX <i>Aerodynamic and Flexible Trucks for Next Generation of Long Distance Road Transport</i> LONGRUN <i>Development of efficient and environmental friendly LONG distance powertrain for heavy dUty trucks aNd coaches</i>

10.45 – 11.00 – Coffee break

11.00 – 13.05 - Parallel sessions

Sharing the space and the service: new mobility patterns	Green Vehicles – architecture, components and systems for electrified vehicles
Thiago TAVARES (CINEA) Andres MONZON (UPM)	Maurizio MAGGIORE (EC DG RTD) Christof SCHERNUS (FEV)
<p>SUNRISE Sustainable Urban Neighbourhoods - Research and Implementation Support in Europe</p> <p>Handshake Enabling the transferability of cycling innovations and assessment of its implications</p> <p>SPROUT Sustainable Policy RespOnse to Urban mobility Transition</p> <p>MORE Multi-modal Optimisation for Road-space in Europe</p> <p>HARMONY Holistic Approach for Providing Spatial & Transport Planning Tools and Evidence to Metropolitan and Regional Authorities to Lead a Sustainable Transition to a New Mobility Era</p>	<p>SYS2WHEEL Integrated components, systems and architectures for efficient adaption and conversion of commercial vehicle platforms to 3rd generation battery electric vehicles for future CO2-free city logistics</p> <p>EVC1000 Electric Vehicle Components for 1000 km daily trips (EVC1000)</p> <p>TELL Towards a fast-uptake of mEdium/Low-voltage eLectric power trains</p> <p>i-HeCoBatt Intelligent Heating and Cooling solution for enhanced range EV Battery packs</p> <p>FITGEN Functionally Integrated E-axle Ready for Mass Market Third GENeration Electric Vehicles</p>

13.05 – 14.30 – Lunch break

14.30 – 16.10 – Parallel sessions

Understanding and reducing harmful emissions for human health	Introducing Connected Automated Mobility in real traffic conditions	Battery design, modelling and manufacturing
Georgios TZAMALIS (EC DG MOVE) Simon EDWARDS (Ricardo)	Ludger ROGGE (EC DG RTD) Bastiaan KROSSE (TNO)	Monica GIANNINI (CINEA) Marlena VOLCK (AVL)
<p>TUBE Transport derived Ultrafines and the Brain Effects</p> <p>MODALES MODify Drivers' behaviour to Adapt for Lower EmissionS</p> <p>DIAS Smart Adaptive Remote Diagnostic Antitampering Systems</p> <p>NEMO Noise and Emissions Monitoring and radical mitigation</p>	<p>L3Pilot Piloting Automated Driving on European Roads</p> <p>ENSEMBLE ENabling Safe Multi-Brand pLatooning for Europe</p> <p>SHOW SHared automation Operating models for Worldwide adoption</p> <p>HEADSTART Harmonised European Solutions For Testing Automated Road Transport</p>	<p>GHOST InteGrated and PHysically Optimised Battery System for Plug-in Vehicles Technologies</p> <p>MODALIS2 MODelling of Advanced LI Storage Systems</p> <p>DEFACTO Battery DEsign and manuFACTuring Optimization through multiphysics modelling</p> <p>IMAGE Innovative Manufacturing Routes for Next Generation Batteries in Europe</p>

16.15 – 16.30 – FINAL ROUND OF DISCUSSIONS

PHILIPPE FROISSARD, Head of Unit, Future urban & mobility systems, DG Research and Innovation (DG RTD), European Commission

Zissis SAMARAS, Lab of Applied Thermodynamics, Dept of Mechanical Engineering, Aristotle University and ERTRAC Vice Chair



EXHIBITION AREA

An exhibition area will be set up beside the conference. You will have the opportunity to visit throughout the 2 days event the following exhibitors:

