



EGVIA
European Green
Vehicles Initiative



ERTRAC-EGVIA- European Commission

European conference

Results from road transport research in H2020 projects

Draft agenda

#H2020RTR19

4 & 5 December 2019

Albert Borschette Conference Center (CCAB)
Brussels

DAY 1 – 4th December

10.00 – 10.30 – WELCOME COFFEE

10.30 – 11.15 - OPENING SPEECHES

Dr.-Ing. Stephan NEUGEBAUER, Director Global Research Cooperation, BMW and ERTRAC & EGVIA Chairman
Patrick CHILD, Acting 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, Innovation and Networks Executive Agency (INEA)

11.15 – 11.35 – PERSPECTIVES ON THE FUTURE OF ROAD TRANSPORT RESEARCH: SCIENCE FOR POLICY

Adina-Ioana VĂLEAN, Chair of ITRE Committee, European Parliament (*TBC*)

11.35 – 11.55 – HOW TO IMPROVE THE IMPACT OF EU-FUNDED PROJECTS: OPEN INNOVATION, COORDINATION AMONG EU FUNDING PROGRAMMES

Speaker to be confirmed

12.00 – 13.15 – PARALLEL SESSIONS

Towards 0 fatalities: the technological answer	ICT for logistics efficiency	Integration of Green Vehicles into the transport system
George Sarros (INEA) Peter Urban (IKA)	Paola Ciarini (MOVE) Fernando Liesa (ALICE)	Axel Volkery (MOVE) Ian Faye (Bosch)
AutoMate - Automation as accepted and trustful teamMate to enhance traffic safety and efficiency - MAVEN - Managing Automated Vehicles Enhances Network VI-DAS -Vision Inspired Driver Assistance Systems	SELIS - Towards a Shared European Logistics Intelligent Information Space AEOLIX - Architecture for EurOpean Logistics Information eXchange ICONET - New ICT infrastructure and reference architecture to support Operations in future PI Logistics NETWORKS	NeMo - Hyper-Network for electroMobility ELECTRIFIC - Enabling seamless electromobility through smart vehicle-grid integration ASSURED - fASt and Smart charging solutions for full size URban hEavy Duty applications

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13.15 – 14.15 – LUNCH BREAK

14.15 – 16.00 – PARALLEL SESSIONS

Intelligent transport system – towards Mobility as a Service	Green Vehicles – Modelling and testing of EVs	Green Vehicles – Weight reduction & electric drivetrains
Damian Bornas Cayela (INEA) Ivo Cré (POLIS)	Georgios Tzamalidis (MOVE) Peter Prenzinger (AVL)	Michal Klima (INEA) Zissis Samaras (LAT)
<p>MaaS4EU - End-to-End Approach for Mobility-as-a-Service tools, business models, enabling framework and evidence for European seamless mobility</p> <p>IMOVE - Unlocking Large-Scale Access to Combined Mobility through a European MaaS Network</p> <p>MyCorridor - Mobility as a Service in a multimodal European cross-border corridor</p>	<p>OBELICS - Optimization of scalable realtime models and functional testing for e-drive Concepts</p> <p>DEMOBASE - Design and Modelling for improved Battery Safety and Efficiency</p> <p>HiFi-ELEMENTS - High Fidelity Electric Modelling and Testing</p>	<p>ALLIANCE - Affordable Lightweight Automobiles Alliance</p> <p>LoCoMaTech - Low Cost Materials Processing Technologies for Mass Production of Lightweight Vehicles</p> <p>ModuLED - Modular Electric Drivetrains</p> <p>DRIVEMODE - Integrated Modular Distributed Drivetrain for Electric/Hybrid Vehicles</p> <p>ReFreeDrive - Rare Earth Free e-Drives featuring low cost manufacturing</p>

16.00– 16.30 – COFFEE BREAK

16.30 – 18.15 – PARALLEL SESSIONS

Automated driving at our doors	Green Vehicles – From chemistry to pack integration: batteries for e-mobility
Ludger Rogge (RTD) Armin Grater (BMW)	Julija Sakovica (RTD) Simon Edwards (Ricardo)
<p>L3Pilot - Piloting Automated Driving on European Roads</p> <p>ENSEMBLE - Enabling Safe Multi-Brand Platooning for Europe</p> <p>AVENUE - Autonomous Vehicles to Evolve to a new urban experience</p>	<p>HELIS - High energy lithium sulphur cells and batteries</p> <p>ALISE - Advanced Lithium Sulphur battery for xEV</p> <p>IMAGE - Innovative Manufacturing Routes for Next Generation Batteries in Europe</p> <p>GHOST - Integrated and Physically Optimised Battery System for Plug-in Vehicles Technologies</p> <p>iModBatt - Industrial Modular Battery Pack Concept Addressing High Energy Density, Environmental Friendliness, Flexibility and Cost Efficiency for Automotive Applications</p>

18.15 – 19.15 – NETWORKING COCKTAIL

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DAY 2 – 5th December

9.30 WELCOME COFFEE

10.00 - 11.30 - PARALLEL SESSIONS

New mobility paradigm, new vehicles, how could the mobility of tomorrow look like?	Towards ultra-low emission combustion engines
<p>Patrick Mercier-Handisyde (RTD) Ian Faye (Bosch)</p>	<p>Marina Kousoulidou (INEA) Roland Dauphin (Concawe)</p>
<p>STARS - Shared mobility opportunities And challenges for European cities MoTiV - Mobility and Time Value WEEVIL - Ultralight and ultrasafe adaptable 3-wheeler ELVITEN - Electrified L-category Vehicles Integrated into Transport and Electricity Networks STEVE - Smart-Taylored L-category Electric Vehicle demonstration in heterogeneous urban use-cases</p>	<p>DiePeR - Diesel efficiency improvement with Particulates and emission Reduction THOMSON - Mild Hybrid cost effective solutions for a fast Market penetration UPGRADE - High efficient Particulate free Gasoline Engines PaREGEn - Particle Reduced, Efficient Gasoline Engines</p>

11.30 – 11.45 – COFFEE BREAK

11.45 - 13.00 - PARALLEL SESSIONS

Green Vehicles - Take the user perspective	Improving air quality: it starts with measurement
<p>Monica Gianini (INEA) Christof Schernus (FEV)</p>	<p>Maurizio Maggiore (RTD) Peter Prenninger (AVL)</p>
<p>OPTEMUS - Optimised Energy Management and Use QUIET - Qualifying and Implementing a user-centric designed and Efficient electric vehicle DOMUS - Design Optimisation for efficient electric vehicles based on a User-centric approach</p>	<p>DownToTen - Measuring automotive exhaust particles down to 10 nanometres SUREAL-23 - Understanding and measuring SUB-23 nm particle emissions from direct injection engines including REAL driving conditions PEMS4Nano - Portable Nano-Particle Emission Measurement System</p>

13.00 – 14.00 – LUNCH BREAK

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14.00 – 15.15 – PARALLEL SESSIONS

C-ITS and infrastructure for CAD	Urban mobility: enhance integration and inclusiveness	Green Vehicles – Truck of the future
Rafal Stanecki (MOVE) Mats Rosenquist (Volvo)	Piotr Rapacz (MOVE) Ivo Cré (POLIS)	Guido Sacchetto (RTD) Christof Schernus (FEV)
ICT4CART - ICT Infrastructure for Connected and Automated Road Transport TransAID - Transition Areas for Infrastructure-Assisted Driving C-Mobile - Accelerating C-ITS Mobility Innovation and deployment in Europe	SUNRISE - Sustainable Urban Neighbourhoods - Research and Implementation Support in Europe HiReach - High reach innovative mobility solutions to cope with transport poverty INCLUSION - Towards more accessible and iNCLUSIVE mObility solutions for European prioritised areas	IMPERIUM - Implementation of Powertrain Control for Economic and Clean Real driving emLssion and fuel ConsUMption optiTruck - optimal fuel consumption with Predictive PowerTrain control and calibration for intelligent Truck AEROFLEX - Aerodynamic and Flexible Trucks for Next Generation of Long Distance Road Transport

15.15 -15.35 – STAY AT THE FOREFRONT OF GLOBAL COMPETITION – THE SKILLS CHALLENGE

SKILLFUL - Skills and competences development of future transportation professionals at all levels

15.35 – 16.00 – CLOSING SESSION: OUTLOOK OF THE PARALLEL SESSIONS

Jean-François AGUINAGA, 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

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