



EGVI
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
John BELL, Acting Director, Clean Planet, DG Research and Innovation (DG RTD), European Commission (TBC)
Herald RUIJTERS, Director, Investment, Innovative & Sustainable Transport, DG Mobility and Transport (DG Move), European Commission (TBC)
Dirk BECKERS, Director, Innovation and Networks Executive Agency (INEA) (TBC)

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

Kurt VANDENBERGHE, Director policy & programming centre DG Research and Innovation (DG RTD), European Commission (TBC)

12.00 – 13.15 – PARALLEL SESSIONS

Towards 0 fatalities: the technological answer	ICT for logistics efficiency	Integration of Green Vehicles into the transport system
<p>AutoMate - Automation as accepted and trustful teamMate to enhance traffic safety and efficiency - TBC</p> <p>MAVEN - Managing Automated Vehicles Enhances Network</p> <p>VI-DAS -Vision Inspired Driver Assistance Systems</p>	<p>SELIS - Towards a Shared European Logistics Intelligent Information Space</p> <p>AEOLIX - Architecture for EurOpean Logistics Information eXchange</p> <p>ICONET - New ICT infrastructure and reference architecture to support Operations in future PI Logistics NETWORKS</p>	<p>NeMo - NeMo : Hyper-Network for electroMobility</p> <p>ELECTRIFIC - Enabling seamless electromobility through smart vehicle-grid integration</p> <p>ASSURED - fAST and Smart charging solutions for full size URban hEavy Duty applications</p>

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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
<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 - <i>TBC</i></p> <p>MyCorridor - Mobility as a Service in a multimodal European cross-border corridor</p>	<p>OBELICS - Optimization of scalable real-time 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
<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>STARS - Shared mobility opportunities And challenges for European cities</p> <p>MoTiV - Mobility and Time Value</p> <p>WEEVIL - Ultralight and ultrasafe adaptable 3-wheeler</p> <p>ELVITEN - Electrified L-category Vehicles Integrated into Transport and Electricity Networks</p> <p>STEVE - Smart-Tailored L-category Electric Vehicle demonstration in heterogeneous urban use-cases</p>	<p>DiePeR - Diesel efficiency improvement with Particulates and emission Reduction</p> <p>THOMSON - Mild Hybrid cost effective solutions for a fast Market penetration</p> <p>UPGRADE - High efficient Particulate free Gasoline Engines</p> <p>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>OPTEMUS - Optimised Energy Management and Use</p> <p>QUIET - Qualifying and Implementing a user-centric designed and Efficient electric vehicle</p> <p>DOMUS - Design Optimisation for efficient electric vehicles based on a User-centric approach</p>	<p>DownToTen - Measuring automotive exhaust particles down to 10 nanometres</p> <p>SUREAL-23 - Understanding and measuring SUB-23 nm particle emissions from direct injection engines including REAL driving conditions</p> <p>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
<p>ICT4CART - ICT Infrastructure for Connected and Automated Road Transport</p> <p>TransAID - Transition Areas for Infrastructure-Assisted Driving</p> <p>C-Mobile - Accelerating C-ITS Mobility Innovation and deployment in Europe</p>	<p>SUNRISE - Sustainable Urban Neighbourhoods - Research and Implementation Support in Europe</p> <p>HiReach - High reach innovative mobility solutions to cope with transport poverty</p> <p>INCLUSION - Towards more accessible and iNCLUSIVE mObility solutions for EuropeaN prioritised areas</p>	<p>IMPERIUM - Implementation of Powertrain Control for Economic and Clean Real driving emLsion and fuel ConsUMption</p> <p>optiTruck - optimal fuel consumption with Predictive PowerTrain control and calibration for intelligent Truck</p> <p>AEROFLEX - Aerodynamic and Flexible Trucks for Next Generation of Long Distance Road Transport</p>

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 WORDS

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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