



EGVIA
European Green
Vehicles Initiative



ERTRAC-EGVIA- European Commission

European conference

Results from road transport research in H2020 projects

Agenda

#H2020RTR18

28 & 29 November 2018

Albert Borschette Conference Center (CCAB)
Brussels

DAY 1 - 28th November

10.00 – 10.30 – WELCOME COFFEE

10.30 – 11.00 - OPENING SPEECHES

Stephan NEUGEBAUER, ERTRAC & EGVIA Chairman

Clara DE LA TORRE, Director, Directorate H - Transport, DG Research and Innovation (DG RTD), European Commission

Robert MISSEN, Head of Unit Innovation and Research, Directorate B - Investment, Innovative & Sustainable Transport, DG Mobility and Transport (DG Move), European Commission

Dirk BECKERS, Director - Innovation and Networks Executive Agency (INEA)

11.00 - 12.30 - PARALLEL SESSIONS

Towards 0 fatalities	Improving quality of life in urban areas	Green Vehicles
<p>Driver assistance and automated driving systems</p> <p>ADASANDME - Adaptive ADAS to support incapacitated drivers Mitigate Effectively risks through tailor made HMI under automation</p> <p>AutoMate - Automation as accepted and trustful teamMate to enhance traffic safety and efficiency</p> <p>MAVEN - Managing Automated Vehicles Enhances Network</p> <p>VI-DAS - Vision Inspired Driver Assistance Systems</p>	<p>Innovations in public transport</p> <p>EBSF_2 - European Bus System of the Future 2</p> <p>ELIPTIC - Electrification of public transport in cities</p> <p>CIPTEC - Collective Innovation for Public Transport in European Cities</p> <p>Skills of the future</p> <p>SKILLFUL - Skills and competences development of future transportation professionals at all levels</p>	<p>Powertrain control and battery management</p> <p>IMPERIUM - IMplementation of Powertrain Control for Economic and Clean Real driving emLssion and fuel ConsUMption</p> <p>optiTruck - optimal fuel consumption with Predictive PowerTrain control and calibration for intelligent Truck</p> <p>Lightweight and materials</p> <p>ALLIANCE - AffordabLe Lightweight Automobiles AlliaNCE</p> <p>LoCoMaTech - Low Cost Materials Processing Technologies for Mass Production of Lightweight</p>

12.30 – 14.00 – LUNCH BREAK

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14.00 – 16.00 – PARALLEL SESSIONS

Towards 0 fatalities	Improving quality of life in urban areas	Green Vehicles
<p>Safety for all Road Users</p> <p>SafetyCube - Safety CaUsation, Benefits and Efficiency</p> <p>PROSPECT - PROactive Safety for PEdestrians and CyclisTs</p> <p>InDeV - In-Depth understanding of accident causation for Vulnerable road users</p> <p>XCYCLE - Advanced measures to reduce cyclists' fatalities and increase comfort in the interaction with motorised vehicles</p> <p>SENIORS - Safety-ENhancing Innovations for Older Road users</p> <p>Safety aspects of road infrastructure</p> <p>SAFER-LC - SAFER Level Crossing by integrating and optimizing road-rail infrastructure management and design</p> <p>SAFE STRIP - Safe and green Sensor Technologies for self-explaining and forgiving Road Interactive aPplications</p> <p>SAFE-10-T - Safety of Transport Infrastructure on the TEN-T Network</p>	<p>Tackling urban road congestion</p> <p>TRACE - Opening the cycling and walking tracking potential</p> <p>FLOW - Furthering Less Congestion by creating Opportunities for more Walking and cycling</p> <p>Citizens friendly transport innovation</p> <p>Cities-4-People - New approaches for community-driven sustainable mobility innovations at neighbourhood and urban district level</p> <p>Metamorphosis - Transformation of neighbourhoods in a child-friendly way to increase the quality of life for all citizens.</p> <p>MUV - Mobility Urban Values</p>	<p>Battery technologies</p> <p>eCAIMAN - Electrolyte, Cathode and Anode Improvements for Market-near Next-generation Lithium Ion Batteries</p> <p>SPICY - Silicon and polyanionic chemistries and architectures of Li-ion cell for high energy battery</p> <p>FIVE-VB - Five Volt Lithium Ion Batteries with Silicon Anodes produced for Next Generation Electric Vehicles</p> <p>Energy Management in vehicles</p> <p>JOSPEL - Low energy passenger comfort systems based on the joule and peltier effects.</p> <p>OSEM-EV - Optimised and Systematic Energy Management in Electric Vehicles</p>

16.00 – 16.30 – COFFEE BREAK

16.30 – 18.30 – PARALLEL SESSIONS

Towards 0 fatalities	Improving quality of life in urban areas	Green Vehicles
<p>Behaviourial aspects and user acceptance of CAD</p> <p>SimuSafe - Simulator of behavioural aspects for safer transport</p> <p>MeBeSafe - Measures for behaving safely in traffic</p> <p>interACT - Designing cooperative interaction of automated vehicles with other road users in mixed traffic environments</p> <p>TrustVehicle - Improved trustworthiness and weather-independence of conditional automated vehicles in mixed traffic scenarios</p> <p>BRAVE - BRIdging gaps for the adoption of Automated Vehicles</p>	<p>Sustainable urban transport planning</p> <p>EMPOWER - EMPOWERING a reduction in use of conventionally fueled vehicles using Positive Policy Measures</p> <p>Prosperity - Prosperity through innovation and promotion of Sustainable Urban Mobility Plans</p> <p>SUITS - Supporting Urban Integrated Transport Systems: Transferable tools for authorities</p> <p>SUMPs-Up - European Programme for Accelerating the Take up of Sustainable Urban Mobility Plans</p> <p>CIVITAS living laboratories</p> <p>DESTINATIONS - Integrated & innovative approaches to address sustainable mobility and green tourism in 6 touristic European islands</p> <p>CIVITAS ECCENTRIC - Innovative solutions for sustainable mobility of people in suburban city districts and emission free freight logistics in urban centres.</p> <p>PORTIS - PORT-Cities: Integrating Sustainability</p>	<p>Advanced ICE & hybrid vehicles</p> <p>REWARD - REal World Advanced Technologies foR Diesel Engines</p> <p>LOWBRASYS - a LOW environmental impact BRAke SYStem</p> <p>GasOn - Gas-Only internal combustion engines</p> <p>HDGAS - Heavy Duty Gas Engines integrated into Vehicles</p> <p>ECOCHAMPS - European COmpetitiveness in Commercial Hybrid and AutoMotive PowertrainS</p> <p>THOMSON - Mild Hybrid cOst effective solutions for a fast Market penetratiON</p> <p>ORCA - Optimised Real-world Cost-Competitive Modular Hybrid Architecture for Heavy Duty Vehicles</p> <p>ADVICE - ADvancing user acceptance of general purpose hybridized Vehicles by Improved Cost and Efficiency</p>

18.30 – 20.00 – NETWORKING COCKTAIL

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DAY 2 - 29th November

9.00 WELCOME COFFEE

09.30 – 11.30 – PARALLEL SESSIONS

Cooperative ITS and infrastructure for CAD	Future logistics	Green Vehicles
<p>TIMON - Enhanced real time services for an optimized multimodal mobility relying on cooperative networks and open data</p> <p>HIGHTS - High precision positioning for cooperative ITS applications</p> <p>ROADART - Research On Alternative Diversity Aspects foR Trucks</p> <p>CoEXist - 'AV-Ready' transport models and road infrastructure for the coexistence of automated and conventional vehicles</p> <p>INFRAMIX - Road Infrastructure ready for mixed vehicle traffic flows</p>	<p>NEXTRUST - Building sustainable logistics through trusted collaborative networks across the entire supply chain</p> <p>SYNCHRO-NET - Synchro-modal Supply Chain Eco-Net</p> <p>SELIS - Towards a Shared European Logistics Intelligent Information Space</p> <p>AEOLIX - Architecture for EurOpean Logistics Information eXchange</p> <p>CLUSTERS 2.0 - Open network of hyper connected logistics clusters towards Physical Internet</p>	<p>Particulate and emissions: vehicles and measurement</p> <p>PaREGEn - Particle Reduced, Efficient Gasoline Engines</p> <p>DiePeR - Diesel efficiency improvement with Particulates and emission Reduction</p> <p>EAGLE - Efficient Additivated Gasoline Lean Engine</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>

11.30 – 12.00 - COFFEE BREAK

12.00 – 13.30 - PARALLEL SESSIONS

Future logistics – urban freight	Green Vehicles
<p>SUCCESS - Sustainable Urban Consolidation CentRES for conStruction</p> <p>CITYLAB - City Logistics in Living Laboratories</p> <p>NOVELOG - New cooperative business models and guidance for sustainable city logistics</p>	<p>New vehicles concepts</p> <p>EU-LIVE - Efficient Urban Light VEHICLES</p> <p>ESPRIT - Easily diStributed Personal RapId Transit</p> <p>RESOLVE - Range of Electric SOLutions for L-category VEHICLES</p> <p>Silver Stream - Social innovation and light electric vehicle revolution on streets and ambient</p> <p>EV grid integration</p> <p>NeMo - NeMo : Hyper-Network for electroMobility</p> <p>ELECTRIFIC - Enabling seamless electromobility through smart vehicle-grid integration</p>

13.30 – 13.45 - CLOSING WORDS

Arya-Marie BA TRUNG, Policy Analyst - EU policies: Dissemination and Exploitation of research results DG Research and Innovation (DG RTD), European Commission (*TBC*)

Jean-François AGUINAGA, Head of Unit, Surface transport, Directorate H - Transport, DG Research and Innovation (DG RTD), European Commission

Prof. Zisis SAMARAS, LAT/Aristotle University, ERTRAC Vice Chairman

13.45 – LUNCH

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