ERTRAC-EGVIA - European Commission

European conference

Results from road transport research in H2020 projects

Draft 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
Herald RUIJTERS, Director, Directorate B - Investment, Innovative & Sustainable Transport, DG Mobility and Transport (DG Move), European Commission
Dirk BECKERS, Director - Innovation and Networks Executive Agency (INEA)
Arya-Marie BA TRUNG, Policy Analyst - EU policies: Dissemination and Exploitation of research results DG Research and Innovation (DG RTD), European Commission (TBC)

11.00 - 12.30 - PARALLEL SESSIONS

<table>
<thead>
<tr>
<th>Towards 0 fatalities</th>
<th>Improving quality of life in urban areas</th>
<th>Green Vehicles</th>
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<tbody>
<tr>
<td>Driver assistance and automated driving systems</td>
<td>Innovations in public transport</td>
<td>Powertrain control and battery management</td>
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<tr>
<td>ADASANDME - Adaptive ADAS to support incapacitated drivers</td>
<td>EBSF 2 - European Bus System of the Future 2</td>
<td>IMPERIUM - Implementation of Powertrain Control for Economic and Clean Real driving emission and fuel Consumption</td>
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<td>support incapacitated drivers</td>
<td>ELIPTIC - Electrification of public transport in cities</td>
<td>optiTruck - optimal fuel consumption with Predictive PowerTrain control and calibration for intelligent Truck</td>
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<td>ADASANDME - Adaptive ADAS to support incapacitated drivers Mitigate</td>
<td>CIPTEC - Collective Innovation for Public Transport in European Cities</td>
<td>EVERLASTING - Electric Vehicle Enhanced Range, Lifetime And Safety Through INGenious battery management</td>
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<td>Effectively risks through tailor made</td>
<td>Skills of the future</td>
<td>Lightweight and materials</td>
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<td>HMI under automation</td>
<td>SKILLFUL - Skills and competences development of future transportation professionals at all levels</td>
<td>ALLIANCE - AfforDaBlE Lightweight Automobiles AlliaNCE</td>
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<td>AutoMate - Automation as accepted and trustful teamMate to enhance traffic safety and efficiency</td>
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<td>LoCoMaTech - Low Cost Materials</td>
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<td>MAVEN - Managing Automated Vehicles Enhances Network</td>
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<td>Processing Technologies for Mass Production of Lightweight</td>
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<td>VI-DAS - Vision Inspired Driver Assistance Systems</td>
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### 14.00 – 16.00 – PARALLEL SESSIONS

**Towards 0 fatalities**  
Safety for all Road Users  
SafetyCube - Safety Callusation, Benefits and Efficiency  
PROSPect - PROactive Safety for PEdestrians and CyclisTsa  
lnDev - In-Depth understanding of accident causation for Vulnerable road users  
XCYCLE - Advanced measures to reduce cyclists’ fatalities and increase comfort in the interaction with motorised vehicles  
SENIORs - Safety-Enhancing Innovations for Older Road users

**Safety aspects for road infrastructure**  
SAFER-LC - SAFER Level Crossing by integrating and optimizing road-rail infrastructure management and design  
SAFE STRIP - Safe and green Sensor Technologies for self-explaining and forgiving Road Interactive applications  
SAFE-10-T - Safety of Transport Infrastructure on the TEN-T Network

**Improving quality of life in urban areas**  
Tackling urban road congestion  
TRACe - Opening the cycling and walking tracking potential  
FLOW - Furthering Less Congestion by creating Opportunities for more Walking and cycling  
CREATE (TBC) - Congestion Reduction in Europe: Advancing Transport Efficiency  
Citizens friendly transport innovation  
Cities-4-People - New approaches for community-driven sustainable mobility innovations at neighbourhood and urban district level  
Metamorphosis - Transformation of neighbourhoods in a child-friendly way to increase the quality of life for all citizens  
MUV - Mobility Urban Values

**Green Vehicles**  
Battery technologies  
eCAIMAN - Electrolyte, Cathode and Anode Improvements for Market-near Next-generation Lithium Ion Batteries  
SPICY - Silicon and polyanionic chemistries and architectures of Li-ion cell for high energy battery  
FIVE-VB - Five Volt Lithium Ion Batteries with Silicon Anodes produced for Next Generation Electric Vehicles

Energy Management in vehicles  
XERIC - Innovative Climate-Control System to Extend Range of Electric Vehicles and Improve Comfort  
JOSPEL - Low energy passenger comfort systems based on the joule and peltier effects  
OSEM-EV (TBC) - Optimised and Systematic Energy Management in Electric Vehicles

### 16.00 – 16.30 – COFFEE BREAK

### 16.30 – 18.30 – PARALLEL SESSIONS

**Towards 0 fatalities**  
Behavioural aspects and user acceptance of CAD  
SimuSafe - Simulator of behavioural aspects for safer transport  
MeBeSafe - Measures for behaving safely in traffic  
interACT - Designing cooperative interaction of automated vehicles with other road users in mixed traffic environments  
TrustVehicle - Improved trustworthiness and weather-independence of conditional automated vehicles in mixed traffic scenarios  
BRAVE - Bridging gaps for the adoption of Automated Vehicles

**Improving quality of life in urban areas**  
Sustainable urban transport planning  
EMPOWER - EMPOWERing a reduction in use of conventionally fueled vehicles using Positive Policy Measures  
Prosperity - Prosperity through innovation and promotion of Sustainable Urban Mobility Plans  
SUITS - Supporting Urban Integrated Transport Systems: Transferable tools for authorities  
SUMPs-Up - European Programme for Accelerating the Take up of Sustainable Urban Mobility Plans  
CIVITAS living laboratories DESTINATIONS - Integrated & innovative approaches to address sustainable mobility and green tourism in 6 touristic European islands  
CIVITAS ECCENTRIC - Innovative solutions for sustainable mobility of people in suburban city districts and emission free freight logistics in urban centres  
PORTIS - PORT-Cities: Integrating Sustainability

**Green Vehicles**  
Advanced ICE & hybrid vehicles  
REWARD - Real World Advanced Technologies for Diesel Engines  
LOWBRASY - A LOW environmental impact BRAke SYstem  
GasOn - Gas-Only internal combustion engines  
HDGAS - Heavy Duty Gas Engines integrated into Vehicles  
ECOCHAMPS - European COmpetitiveness in Commercial Hybrid and AutoMotive PowertrainS  
THOMSON - Mild Hybrid cOst effective solutions for a fast Market penetrationON  
ORCA - Optimised Real-world Cost-Competitive Modular Hybrid Architecture for Heavy Duty Vehicles  
ADVICE - Advancing user acceptance of general purpose hybridized Vehicles by Improved Cost and Efficiency

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Follow us on [www.eurotrac.org](http://www.eurotrac.org)
18.30 – 20.00 – Networking Cocktail

Day 2 - 29th November

9.00 Welcome Coffee

09.30 – 11.30 – Parallel Sessions

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<th>Cooperative ITS and infrastructure for CAD</th>
<th>Future logistics</th>
<th>Green Vehicles</th>
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<tr>
<td>TIMON - Enhanced real time services for an optimized multimodal mobility relying on cooperative networks and open data</td>
<td>NEXTRUST - Building sustainable logistics through trusted collaborative networks across the entire supply chain</td>
<td>Particulate and emissions: vehicles and measurement</td>
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<td>HIGHTS - High precision positioning for cooperative ITS applications</td>
<td>SYNCHRO-NET - Synchro-modal Supply Chain Eco-Net</td>
<td>ParEGEn - Particle Reduced, Efficient Gasoline Engines</td>
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<td>ROADART - Research On Alternative Diversity Aspects for Trucks</td>
<td>SELIS - Towards a Shared European Logistics Intelligent Information Space</td>
<td>DiePer - Diesel efficiency improvement with Particulates and emission Reduction</td>
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<td>CoExist - 'AV-Ready' transport models and road infrastructure for the coexistence of automated and conventional vehicles</td>
<td>AEOLIX - Architecture for EuRoPean Logistics Information eXchange</td>
<td>UPGRADE - High efficient Particulate free Gasoline Engines</td>
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<td>INFRAMIX - Road Infrastructure ready for mixed vehicle traffic flows</td>
<td>CLUSTERS 2.0 - Open network of hyper connected logistics clusters towards Physical Internet</td>
<td>EAGLE - Efficient Additivated Gasoline Lean Engine</td>
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11.30 – 12.00 - Coffee Break

12.00 – 13.30 - Parallel Sessions

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<th>Future logistics – urban freight</th>
<th>Green Vehicles</th>
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<td>SUCCESS - Sustainable Urban Consolidation Centres for construction</td>
<td>New vehicles concepts</td>
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<td>CITYLAB - City Logistics in Living Laboratories</td>
<td>EU-LIVE - Efficient Urban Light Vehicles</td>
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<td>NOVELOG - New cooperative business models and guidance for sustainable city logistics</td>
<td>ESPRIT - Easily diStributed Personal Rapid Transit</td>
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<td>RESOLVE - Range of Electric SOLutions for L-category VEHicles</td>
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<td>Silver Stream - Social innovation and light electric vehicle revolution on streets and ambient</td>
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<td>EV grid integration</td>
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<td>NeMo - NeMo : Hyper-Network for electroMobility</td>
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<td>ELECTRIFIC - Enabling seamless electromobility through smart vehicle-grid integration</td>
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13.30 – 13.45 - Closing Words

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

Prof. Zissis SAMARAS, LAT University, ERTRAC Vice Chairman

13.45 – Lunch