



EGVI
European Green
Vehicles Initiative



ERTRAC-EGVIA- European Commission

European conference Results from road transport research in H2020 projects

Draft agenda

#H2020RTR20

30th November – 1st December 2020
Online

DAY 1 – 30th November

08.30 – OPENING OF THE ONLINE EXHIBITION

10.00 – 10.20 – KEYNOTE

Patrick CHILD, Deputy Director General, DG Research and Innovation (DG RTD), European Commission

10.20 – 10.25 – JOIN YOUR NEXT SESSION

10.25 – 11.45 – PARALLEL SESSIONS

Social changes and transport inclusiveness	Resilient infrastructure	Green Vehicles Virtual product development and production of electrified vehicles
<p>DIAMOND <i>Revealing fair and actionable knowledge from data to support women's inclusion in transport systems</i></p> <p>TInnGO <i>Transport Innovation Gender Observatory</i></p> <p>HiReach <i>High reach innovative mobility solutions to cope with transport poverty</i></p> <p>INCLUSION <i>Towards more accessible and iNCLUSive mObility solutions for EuropeAN prioritised areas</i></p>	<p>RESIST <i>RESilient transport InfraSTRUCTure to extreme events</i></p> <p>PANOPTIS <i>Development of a Decision Support System for increasing the Resilience of Transportation Infrastructure based on combined use of terrestrial and airborne sensors and advanced modelling tools</i></p> <p>SAFEWAY <i>GIS-based infrastructure management system for optimized response to extreme events of terrestrial transport networks</i></p> <p>FORESEE <i>Future proofing strategies FOr RESilient transport networks against Extreme Events</i></p>	<p>PANDA <i>Powerfull Advanced N-Level Digitalization Architecture for models of electrified vehicles and their components</i></p> <p>UPSCALE <i>Upscaling Product development Simulation Capabilities exploiting Artificial intelligence for Electrified vehicles</i></p> <p>VISION-xEV <i>Virtual Component and System Integration for Efficient Electrified Vehicle Development</i></p> <p>XILforEV <i>Connected and Shared X-in-the-loop Environment for Electric Vehicles Development</i></p>

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11.45 – 12.00 – REFRESH YOUR MIND AND FIND YOUR NEXT SESSION

12.00 – 12.40 – PARALLEL SESSIONS

Logistics and the physical internet	Green Vehicles Integration of L-Vehicles into the grid	Green Vehicles Increasing efficiency of powertrains and vehicles
<p>CLUSTERS 2.0 <i>Open network of hyper connected logistics clusters towards Physical Internet</i></p>	<p>ELVITEN <i>Electrified L-category Vehicles Integrated into Transport and Electricity Networks</i></p> <p>STEVE <i>Smart-Taylored L-category Electric Vehicle demonstration in heterogeneous urban use-cases</i></p>	<p>EAGLE <i>Efficient Additivated Gasoline Lean Engine</i></p> <p>ADVICE <i>ADvancing user acceptance of general purpose hybridized Vehicles by Improved Cost and Efficiency</i></p>

12.40 – 14.00 – LUNCH BREAK AND ONLINE EXHIBITION

14.00 – 15.00 - PARALLEL SESSIONS

Sustainable Urban Mobility Planning	Infrastructure for safety	Improving air quality across Europe
<p>SUITS <i>Supporting Urban Integrated Transport Systems: Transferable tools for authorities</i></p> <p>SUMPs-Up <i>European Programme for Accelerating the Take up of Sustainable Urban Mobility Plans</i></p> <p>ReVeAL <i>Regulating Vehicle Access for improved Livability</i></p>	<p>SAFER-LC <i>SAFER Level Crossing by integrating and optimizing road-rail infrastructure management and design</i></p> <p>SAFE STRIP <i>Safe and green Sensor Technologies for self-explaining and forgiving Road Interactive aPplications</i></p> <p>SAFE-10-T <i>Safety of Transport Infrastructure on the TEN-T Network</i></p>	<p>GVI <i>Green Vehicle Index Project</i></p> <p>CARES <i>City Air Remote Emission Sensing</i></p> <p>uCAR <i>You can also reduce emissions</i></p>

15.00– 15.30 –REFRESH YOUR MIND, VISIT THE ONLINE EXHIBITION AND FIND YOUR NEXT SESSION

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15.30 – 16.50 – PARALLEL SESSIONS

Urban transport planning and demonstration of sustainable urban mobility solutions	Connected and automated driving	Green Vehicles Batteries integration into the vehicles
<p>DESTINATIONS <i>Integrated & innovative approaches to address sustainable mobility and green tourism in 6 touristic European islands</i></p> <p>CIVITAS ECCENTRIC <i>Innovative solutions for sustainable mobility of people in suburban city districts and emission free freight logistics in urban centres.</i></p> <p>PORTIS PORT-Cities: <i>Integrating Sustainability</i></p> <p>MOMENTUM Modelling Emerging Transport Solutions for Urban Mobility</p>	<p>ADASANDME Adaptive ADAS to support incapacitated drivers Mitigate Effectively risks through tailor made HMI under automation</p> <p>HEADSTART HARMONISED EUROPEAN SOLUTIONS FOR TESTING AUTOMATED ROAD TRANSPORT</p> <p>Levitate Societal Level Impacts of Connected and Automated Vehicles</p> <p>C-Mobile Accelerating C-ITS Mobility Innovation and deployment in Europe</p>	<p>SPIDER Safe and Prelithiated high energy DEensity batteries based on sulphur Rocksalt and silicon chemistries</p> <p>iModBatt Industrial Modular Battery Pack Concept Addressing High Energy Density, Environmental Friendliness, Flexibility and Cost Efficiency for Automotive Applications</p> <p>EVERLASTING Electric Vehicle Enhanced Range, Lifetime And Safety Through INGenious battery management</p> <p>SELFIE SELF-sustained and Smart Battery Thermal Management Solution for Battery Electric Vehicles</p>

16.50 – 18.00 – JOIN US IN THE ONLINE EXHIBITION AND CONTINUE DISCOVERING THE ACHIEVEMENTS FROM EU FUNDED PROJECTS IN ROAD TRANSPORT

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DAY 2 – 1st December

9.00 - 12.30 – PARALLEL SESSIONS

Co-creation of inclusive and innovative urban mobility solutions and services	Driver behaviour and acceptance of automation	Green Vehicles Next generation electrified vehicles optimised for the infrastructure
<p>Cities-4-People <i>New approaches for community-driven sustainable mobility innovations at neighbourhood and urban district level</i></p> <p>Metamorphosis <i>Transformation of neighbourhoods in a child-friendly way to increase the quality of life for all citizens.</i></p> <p>MUV <i>Mobility Urban Values</i></p> <p>STARS <i>Shared mobility opportunities And challenges foR European citieS</i></p> <p>MoTiV <i>Mobility and Time Value</i></p>	<p>SUaaVE <i>Supporting acceptance of automated VEHICLE</i></p> <p>DriveToTheFuture <i>Needs, wants and behaviour of 'Drivers' and automated vehicle users today and into the future</i></p> <p>Trustonomy <i>Building Acceptance and Trust in Autonomous Mobility</i></p> <p>PAsCAL <i>Enhance driver behaviour and Public Acceptance of Connected and Autonomous vehicLes</i></p>	<p>EVC1000 <i>Electric Vehicle Components for 1000 km daily trips (EVC1000).</i></p> <p>1000kmPLUS <i>Scalable European Powertrain Technology Platform for Cost-Efficient Electric Vehicles to Connect Europe</i></p> <p>CEVOLVER <i>Connected Electric Vehicle Optimized for Life, Value, Efficiency and Range</i></p> <p>TELL <i>Towards a fast-uptake of mEdium/Low-voltage eLEctric power trains</i></p>
Coffee break		
New urban mobility services and innovative infrastructure	Driver behaviour and acceptance of automation	Green Vehicles Next generation electrified vehicles optimised for the infrastructure
<p>MaaS4EU <i>End-to-End Approach for Mobility-as-a-Service tools, business models, enabling framework and evidence for European seamless mobility</i></p> <p>MyCorridor <i>Mobility as a Service in a multimodal European cross-border corridor</i></p> <p>MORE <i>Multi-modal Optimisation for Road-space in Europe</i></p>	<p>interact <i>Designing cooperative interaction of automated vehicles with other road users in mixed traffic environments</i></p> <p>TrustVehicle <i>Improved trustworthiness and weather-independence of conditional automated vehicles in mixed traffic scenarios</i></p> <p>BRAVE <i>BRidging gaps for the adoption of Automated VEHICLES</i></p>	<p>SYS2WHEEL <i>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</i></p> <p>i-HeCoBatt <i>Intelligent Heating and Cooling solution for enhanced range EV Battery packs</i></p> <p>ACHILES <i>Advanced Architectures Chassis/Traction concept for Future Electric vehicles</i></p> <p>FITGEN <i>Functionally Integrated E-axle Ready for Mass Market Third GENERATION Electric Vehicles</i></p>

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12.30 – 14.00 – LUNCH BREAK AND ONLINE EXHIBITION

14.00 – 15.00 - PARALLEL SESSIONS

Transport infrastructure fit for automation	Green Vehicles Next Generation electric drivetrains
<p>TransAID <i>Transition Areas for Infrastructure-Assisted Driving</i></p> <p>CoEXist <i>'AV-Ready' transport models and road infrastructure for the coexistence of automated and conventional vehicles</i></p> <p>INFRAMIX <i>Road Infrastructure ready for mixed vehicle traffic flows</i></p>	<p>ModuLED <i>Modular Electric Drivetrains</i></p> <p>DRIVEMODE <i>Integrated Modular Distributed Drivetrain for Electric/Hybrid Vehicles</i></p> <p>ReFreeDrive <i>Rare Earth Free e-Drives featuring low cost manufacturing</i></p>

15.00– 15.30 –REFRESH YOUR MIND, VISIT THE ONLINE EXHIBITION AND FIND YOUR NEXT SESSION

15.30 – 16.50 - PARALLEL SESSIONS

Road transport safety – the role of human behaviour	Green Vehicles Modelling and testing of EVs
<p>SimuSafe <i>SIMULATOR OF BEHAVIOURAL ASPECTS FOR SAFER TRANSPORT</i></p> <p>MeBeSafe <i>Measures for behaving safely in traffic</i></p> <p>i-DREAMS <i>Safety tolerance zone calculation and interventions for driver-vehicle-environment interactions under challenging conditions</i></p>	<p>QUIET <i>QUalifying and Implementing a user-centric designed and Efficient electric vehicle</i></p> <p>OBELICS <i>Optimization of scalaBle rEaltime modeLs and functlional testing for e-drive ConceptS</i></p> <p>DEMOBASE <i>DEsign and MOdelling for improved BAttery Safety and Efficiency</i></p> <p>HiFi-ELEMENTS <i>High Fidelity Electric Modelling and Testing</i></p>

16.50 – 17.00 – MEET US FOR THE CLOSING SESSION

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**17.00 – 17.45 – CLOSING SESSION: OUTLOOK TO HORIZON EUROPE WITH SHORT PRESENTATION FROM
UPCOMING PARTNERSHIPS**

- **2Zero** Towards zero emission road transport
- **CCAM** Cooperative, connected and automated mobility
- **Batteries** Towards a competitive European industrial battery value chain for stationary applications and e-mobility

Philippe FROISSARD, deputy head of unit, Future urban & mobility systems, DG Research and Innovation (DG RTD), European Commission

Robert MISSEN, Head of unit, Innovation and Research, DG Mobility and Transport (DG Move), European Commission

Zisis SAMARAS, Lab of Applied Thermodynamics, Dept of Mechanical Engineering, Aristotle University and ERTRAC Vice chair

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