



**EGVI**  
European Green  
Vehicles Initiative



**ERTRAC-EGVIA- European Commission**  
European conference  
**Results from road transport research  
in H2020 projects**

Draft agenda

**#H2020RTR20**

30<sup>th</sup> November – 1<sup>st</sup> December 2020

Online

**DAY 1 – 30<sup>th</sup> November**

*08.30 – OPENING OF THE ONLINE EXHIBITION*

**10.00 – 10.15 – KEYNOTE**

**Jean-Eric PAQUET**, Director General, DG Research and Innovation (DG RTD), European Commission (*tbc*)

**10.15 – 11.55 – PARALLEL SESSIONS**

Innovative solutions for urban mobility	Resilient infrastructure	Green Vehicles Virtual product development and production of electrified vehicles
<p><b>Cities-4-People</b> <i>New approaches for community-driven sustainable mobility innovations at neighbourhood and urban district level</i></p> <p><b>Metamorphosis</b> <i>Transformation of neighbourhoods in a child-friendly way to increase the quality of life for all citizens.</i></p> <p><b>MOMENTUM</b> <i>Modelling Emerging Transport Solutions for Urban Mobility</i></p> <p><b>STARS</b> <i>Shared mobility opportunities And challenges for European cities</i></p> <p><b>MoTiV</b> <i>Mobility and Time Value</i></p>	<p><b>RESIST</b> <i>RESilient transport InfraSTRUCTure to extreme events</i></p> <p><b>PANOPTIS</b> <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><b>SAFEWAY</b> <i>GIS-based infrastructure management system for optimized response to extreme events of terrestrial transport networks</i></p> <p><b>FORESEE</b> <i>Future proofing strategies FOR RESilient transport networks against Extreme Events</i></p>	<p><b>PANDA</b> <i>Powerfull Advanced N-Level Digitalization Architecture for models of electrified vehicles and their components</i></p> <p><b>UPSCALE</b> <i>Upscaling Product development Simulation Capabilities exploiting Artificial intelligence for Electrified vehicles</i></p> <p><b>VISION-xEV</b> <i>Virtual Component and System Integration for Efficient Electrified Vehicle Development</i></p> <p><b>XILforEV</b> <i>Connected and Shared X-in-the-loop Environment for Electric Vehicles Development</i></p>

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11.55 – 12.05 – REFRESH YOUR MIND AND FIND YOUR NEXT SESSION

12.05 – 12.45 – PARALLEL SESSIONS

Demographic change and inclusion of women in transport	Logistics and the physical internet	Green Vehicles Integration of L-Vehicles into the grid
<p><b>DIAMOND</b> <i>Revealing fair and actionable knowledge from data to support women's inclusion in transport systems</i></p> <p><b>TInnGO</b> <i>Transport Innovation Gender Observatory</i></p>	<p><b>CLUSTERS 2.0</b> <i>Open network of hyper connected logistics clusters towards Physical Internet</i></p>	<p><b>ELVITEN</b> <i>Electrified L-category Vehicles Integrated into Transport and Electricity Networks</i></p> <p><b>STEVE</b> <i>Smart-Taylored L-category Electric Vehicle demonstration in hEterogeneous urban use-cases</i></p>

12.45 – 14.00 – LUNCH BREAK AND ONLINE EXHIBITION

14.00 – 15.00 - PARALLEL SESSIONS

Green Vehicles Next generation electric drivetrains	Transport infrastructure fit for automation	Green Vehicles Increasing efficiency of powertrains and vehicles
<p><b>ModulED</b> <i>Modular Electric Drivetrains</i></p> <p><b>DRIVEMODE</b> <i>Integrated Modular Distributed Drivetrain for Electric/Hybrid Vehicles</i></p> <p><b>ReFreeDrive</b> <i>Rare Earth Free e-Drives featuring low cost manufacturing</i></p>	<p><b>TransAID</b> <i>Transition Areas for Infrastructure-Assisted Driving</i></p> <p><b>CoEXist</b> <i>'AV-Ready' transport models and road infrastructure for the coexistence of automated and conventional vehicles</i></p> <p><b>INFRAMIX</b> <i>Road Infrastructure ready for mixed vehicle traffic flows</i></p>	<p><b>EAGLE</b> <i>Efficient Additivated Gasoline Lean Engine</i></p> <p><b>ORCA</b> <i>Optimised Real-world Cost-Competitive Modular Hybrid Architecture for Heavy Duty Vehicles</i></p> <p><b>ADVICE</b> <i>ADvancing user acceptance of general purpose hybridized Vehicles by Improved Cost and Efficiency</i></p>

15.00– 15.30 –REFRESH YOUR MIND AND FIND YOUR NEXT SESSION

15.30 – 16.50 – PARALLEL SESSIONS

CIVITAS	Infrastructure for safety	Improving air quality across Europe
<p><b>DESTINATIONS</b> <i>CIVITAS DESTINATIONS</i></p> <p><b>CIVITAS ECCENTRIC</b> <i>Innovative solutions for sustainable mobility of people</i></p>	<p><b>SAFER-LC</b> <i>SAFER Level Crossing by integrating and optimizing road-rail infrastructure management and design</i></p>	<p><b>GVI</b> <i>Green Vehicle Index Project</i></p> <p><b>CARES</b> <i>City Air Remote Emission Sensing</i></p> <p><b>uCAR</b> <i>You can also reduce emissions</i></p>

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*in suburban city districts and emission free freight logistics in urban centres.*

**PORTIS** *PORT-Cities:  
Integrating Sustainability*  
**MORE** *Multi-modal  
Optimisation for Road-space in  
Europe*

**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*

**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 – 1<sup>st</sup> December**

**9.30 - 12.30 – PARALLEL SESSIONS**

Inclusive urban mobility and new services	Driver behaviour and acceptance of automation	Green Vehicles Next generation electrified vehicles optimised for the infrastructure
<p><b>SUITS</b> Supporting Urban Integrated Transport Systems: Transferable tools for authorities</p> <p><b>SUMPs-Up</b> European Programme for Accelerating the Take up of Sustainable Urban Mobility Plans</p> <p><b>HiReach</b> High reach innovative mobility solutions to cope with transport poverty</p> <p><b>INCLUSION</b> Towards more accessible and iNCLUSIVE mObility solutions for EuropeaN prioritised areas</p>	<p><b>SUaaVE</b> Supporting acceptance of automated VEHICLE</p> <p><b>DriveToTheFuture</b> Needs, wants and behaviour of 'Drivers' and automated vehicle users today and into the future</p> <p><b>Trustonomy</b> Building Acceptance and Trust in Autonomous Mobility</p> <p><b>PASCAL</b> Enhance driver behaviour and Public Acceptance of Connected and Autonomous vehicles</p>	<p><b>EVC1000</b> Electric Vehicle Components for 1000 km daily trips (EVC1000).</p> <p><b>1000kmPLUS</b> Scalable European Powertrain Technology Platform for Cost-Efficient Electric Vehicles to Connect Europe</p> <p><b>CEVOLVER</b> Connected Electric Vehicle Optimized for Life, Value, Efficiency and Range</p> <p><b>TELL</b> Towards a fast-uptake of mEdium/Low-voltage eLEctric power trains</p>
Coffee break		
<p><b>MaaS4EU</b> End-to-End Approach for Mobility-as-a-Service tools, business models, enabling framework and evidence for European seamless mobility</p> <p><b>MyCorridor</b> Mobility as a Service in a multimodal European cross-border corridor</p> <p><b>MUV</b> Mobility Urban Values</p> <p><b>ReVeAL</b> Regulating Vehicle Access for improved Livability</p>	<p><b>interact</b> Designing cooperative interaction of automated vehicles with other road users in mixed traffic environments</p> <p><b>TrustVehicle</b> Improved trustworthiness and weather-independence of conditional automated vehicles in mixed traffic scenarios</p> <p><b>BRAVE</b> BRidging gaps for the adoption of Automated VEHICLES</p>	<p><b>SYS2WHEEL</b> 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</p> <p><b>i-HeCoBatt</b> Intelligent Heating and Cooling solution for enhanced range EV Battery packs</p> <p><b>ACHILES</b> Advanced Architectures Chassis/Traction concept for Future Electric vehicles</p> <p><b>FITGEN</b> Functionally Integrated E-axle Ready for Mass Market Third GENERATION Electric Vehicles</p>

**12.30 – 14.00 – LUNCH BREAK AND ONLINE EXHIBITION**

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### 14.00 – 15.20 - PARALLEL SESSIONS

Connected and automated driving	Green Vehicles Batteries integration into the vehicles
<p><b>ADASANDME</b> Adaptive ADAS to support incapacitated drivers Mitigate Effectively risks through tailor made HMI under automation</p> <p><b>HEADSTART</b> HARMONISED EUROPEAN SOLUTIONS FOR TESTING AUTOMATED ROAD TRANSPORT</p> <p><b>Levitare</b> Societal Level Impacts of Connected and Automated Vehicles</p> <p><b>C-Mobile</b> Accelerating C-ITS Mobility Innovation and deployment in Europe</p>	<p><b>SPIDER</b> Safe and Prelithiated high energy Density batteries based on sulphur Rocksalt and silicon chemistries</p> <p><b>iModBatt</b> Industrial Modular Battery Pack Concept Addressing High Energy Density, Environmental Friendliness, Flexibility and Cost Efficiency for Automotive Applications</p> <p><b>EVERLASTING</b> Electric Vehicle Enhanced Range, Lifetime And Safety Through INGenious battery management</p> <p><b>SELFIE</b> SELF-sustained and Smart Battery Thermal Management Solution for Battery Electric Vehicles</p>

### 15.20– 15.40 –REFRESH YOUR MIND AND FIND YOUR NEXT SESSION

### 15.40 – 17.00 - PARALLEL SESSIONS

Road transport safety – How to cope with human behaviour	Green Vehicles Modelling and testing of EVs
<p><b>SimuSafe</b> SIMULATOR OF BEHAVIOURAL ASPECTS FOR SAFER TRANSPORT</p> <p><b>MeBeSafe</b> Measures for behaving safely in traffic</p> <p><b>i-DREAMS</b> Safety tolerance zone calculation and interventions for driver-vehicle-environment interactions under challenging conditions</p> <p><b>SAFEMODE</b> Strengthening synergies between Aviation and maritime in the area of human Factors towards achieving more Efficient and resilient MODE of transportation</p>	<p><b>QUIET</b> QQualifying and Implementing a user-centric designed and Efficient electric vehicle</p> <p><b>OBELICS</b> Optimization of scalaBle rEaltime modeLs and functlonal testing for e-drive Concepts</p> <p><b>DEMOBASE</b> DDesign and MOdelling for improved BAttery Safety and Efficiency</p> <p><b>HiFi-ELEMENTS</b> High Fidelity Electric Modelling and Testing</p>

### 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

**Prof. Zissis SAMARAS**, Lab of Applied Thermodynamics, Dept. of Mechanical Engineering, Aristotle University and ERTRAC Vice chair

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