



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>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>

To contact:

ERTRAC
EGVIA

Av de Cortenberg 66,

info@ertrac.org

info@egvia.eu

B – 1000 Brussels -Belgium

www.ertrac.org

www.egvia.eu

Follow us on and !



EGVI
European Green
Vehicles Initiative



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

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

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

To contact:

ERTRAC

EGVIA

Av de Cortenberg 66,

info@ertrac.org

info@egvia.eu

B – 1000 Brussels -Belgium

www.ertrac.org

www.egvia.eu

Follow us on and !



EGVI
European Green
Vehicles Initiative



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

To contact:

ERTRAC
EGVIA

Av de Cortenbergh 66,

info@ertrac.org
info@egvia.eu

B – 1000 Brussels -Belgium

www.ertrac.org
www.egvia.eu

Follow us on and !



EGVI
European Green
Vehicles Initiative



DAY 2 – 1st December

9.00 – 10.40 – 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>

10.40 – 11.10 – COFFEE BREAK AND ONLINE EXHIBITION

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>

To contact:

ERTRAC
EGVIA

Av de Cortenberg 66,

info@ertrac.org
info@egvia.eu

B – 1000 Brussels -Belgium

www.ertrac.org
www.egvia.eu

Follow us on and !



EGVI
European Green
Vehicles Initiative



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

To contact:

ERTRAC

EGVIA

Av de Cortenbergh 66,

info@ertrac.org

info@egvia.eu

B – 1000 Brussels -Belgium

www.ertrac.org

www.egvia.eu

Follow us on and !



EGVI
European Green
Vehicles Initiative



**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, *Acting 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*

To contact:

ERTRAC
EGVIA

Av de Cortenbergh 66,

info@ertrac.org
info@egvia.eu

B – 1000 Brussels -Belgium

www.ertrac.org
www.egvia.eu

Follow us on and !