

2nd World Light Electric Vehicle Summit
Rotterdam
22nd & 23rd November 2017

Wednesday, 22nd November 2017

8.00 *Registration & Welcome Coffee*

9.00 Opening Session - Worldwide Context

LEVS' Mission and Goals

Frédéric Vergels, Electri-city.mobi, BE

Welcome in Rotterdam!

Pex Langenberg, Vice mayor in charge of Mobility, Sustainability and Culture of Rotterdam and President of Polis Network, NL

Legal Framework for Light Electric Vehicles

Tbd., European Commission, BE

The LEVs Sector on the EU Agenda: an Overview

Annick Roetyncq, Light Electric Vehicle Association, BE

IEA TCP Task32 on Small Electric Vehicles: Regulation and Opportunities for Improving Market Uptake

Huw Davies, Coventry University, UK

What's happening in China?

Jinpeng Gao, Institute of Transportation Studies, University of California Davis, US

The LEVs Boom in the US

Jeff Allen, Forth, US

11.00 *Coffee Break*

11.20 A1 - Challenges & Opportunities

Is the Speed Pedelec the Light Electric Vehicle that Will Achieve a Modal Shift?

Bram Rotthier, University of Leuven, BE

How EL-V Market Can Take-off: A Challenge for the Urban Mobility

Francesco Edoardo Misso, T-Bridge, IT

LEV Approaches in the Netherlands

Freek Willems, DOET Association, NL

Takes an e-Bike to Raise a City!

Hulda Tronstad, Norwegian EV Association, NO

12.40 *Lunch*

13.40 Parallel Sessions

B1 - State of the Art & Technology Perspectives

B2 - Environment Impact & Infrastructure

Lecture B1 - State of the Art & Technology Perspectives

Concepts and Methods from the Field of Vehicle Dynamics for Safety Considerations of Light Electric Vehicles

Georg Wegener, Aschaffenburg University of Applied Sciences, DE

More LEVS are Coming on our Streets

Jacoba Jacoba van Gastel, We-all-wheel, NL

Development of a Very Light Fuel Cell Vehicle with an Innovative Sandwich Body

Michael Kriescher, Deutsches Zentrum für Luft und Raumfahrt, DE

Potential Applications for Innovative Electric Drives in the Light Electric Vehicle Segment

Raphael Mutter, GEM Motors, SI

Orange is the New Black

Steve Roberts, Recom, AT

Lecture B2 - Environment Impact & Infrastructure

Influence of the Electricity Supply Mix on LEVs' Demand for Non-Renewable Energy
Allan Hutchinson, Oxford Brookes University, UK

Driving Innovation Forward: How Battery Chargers Can Survive Life On-Board an LEV
Mourad Chergui or Philippe Berte, Delta-Q Technologies, CA

e-MOTICON EU Project Support to LEV Dissemination
Cristina Cavicchioli, RSE Ricerca sul Sistema Energetico, IT

Fleets Going Electric: How to Manage Capacity Problems of Fleet Owners
Robert Van den Hoed, Amsterdam University of Applied Sciences, NL

Smart Management System for AC Charging Infrastructures
Valerian Croătorescu Polechnica University of Bucharest, RO

15.20 Coffee Break

15.40 Parallel Sessions

C1 - City Logistics

C2 - How to Foster the Market to Take-off?

Lecture C1 - City Logistics

16 000 Light Electric Vehicles Sold and Fleet Operation of a 6 500 Light Delivery
Vehicles Fleet: Reasons of a Success Story
Philipp Heim, Kyburz, CH

The EV Revolution: Switching Narratives for a new Mobility in Cities
Ross Douglas, Autonomy, FR

Outlook City Logistics 2017
Herman Wagter, Connekt, NL

Cargo Bikes and their Role in Business
Manuel Marsilio, Confederation of the European Bicycle Industry, BE

Lecture C2 - How to Foster the Market to Take-off?

Opportunities and Barriers for the UK L-Category Market
Alec Thomson, the Low Carbon Vehicle Partnership, UK

SMILE-First Project Concept of Multi-Purpose Mobility for Wheelchair
Kondo Yoshinori, National Institute for Environmental Studies, JP

CityTrike and Nordic Urban Mobility Innovation
Morten Rynning, CityTrike, NO

ESPRIT: A Public Car System
William Rendall, ESPRIT project, ES

How to electrify your fleet?
Ulrich Setzermann, Carano Software Solutions, DE

17.20 Poster Session

With Networking Drink

The New Mobility
Gerald Poellmann, Bultaco Motors, ES

Development of an EV for the Last Mile Distribution. A Case Study in a Smart City Application

Giuseppe Napoli, National Research Council of Italy, IT

TriTrack - Dual Mode EV is the Solution to Traffic Congestion and Air Pollution Around the World.

Andrey Derevianko, TriTrack Motors, US

Electrified Auxiliary System Demand Control of an Hybrid Electric Refuse Truck
Mehmet Göl, 2RYA Automotive, TR

Plug-In Fuel Cell Hybrid to Overcome Market Barriers
Manfred Limbrunner, Proton Motor Fuel Cell, DE

From e-Bike to e-Pod: An Instant Zero Emission Urban Transport Solution
Sean Moroney, Cambridge Electric Transport, UK

A New Concept for Sustainable Urban and Suburban Mobility Based on the Use of e-Bikes and Battery Sharing
Dario Vangi, University of Florence, IT

The Futur Vehicule
Gamby Hamady, Africa Transport and Environment, ML

PERMOSYS- Personal Mobility Ecosystem
Giorgio Gaviraghi, Unisapce EC, IT

One-person Vehicle for Commuter, Covered, Acceptable on Bike Path
Jacques Ladyjensky, BE

Rightech IoT Cloud Platform is Your Quick Way to Connected Vehicles
Aleksandr Vasilevich, Rightech, RU

Cycle Highways - The New Big Thing in Climate-Friendly Mobility Infrastructure?
Uses, Needs, Potentials, Costs, Standards and Challenges
Burkhard Stork, ADFC, DE

Fuel Cell-Battery Hybrid Cargo Bicycle with 300 km Driving Range
Anders Lundblad, RISE, Division of safety and transport, SE

Magnetic Renewable System
Kala Butler, Sekou LLC, US

Influence of Rotor Slot Structure to Starting Torque and Efficiency on Urban Use
Electrical Vehicle Motor
Muhammet Tahir Guneser, Karabuk University, TR

The Power to Drive your Electric Vehicle! - 48V Motor with Integrated Electronics Low
Voltage Drive System for e-Scooters
Branko Badalič and Sergej Ružić, Mahle Letrika, SI

Electronic Differential for an E-Trike with Articulated-Frame Steering
Dirk Nissing, Rhine-Waal University of Applied Sciences, DE

Creating a New Type of Vehicle Based on Electric Bicycles
Beres Seelbach, Tretbox, DE

The Witkar
Luud Schimmelpennink, Witkar, NL

Simplicity - Solution for Sustainable Transport for All
Sveder Christoffer, Clean Motion, SE

20.30 - ... Summit Dinner

Please note that separate registration is requested to attend the dinner.

Thursday 23rd November 2017

8.30 *Registration & Welcome Coffee*

9.00 Special Session on City Logistics D1 - The Use of Electric Cargo Bikes for the Delivery of Goods and Services: Lessons Learned & Perspective

Susanne Balm, Amsterdam University of Applied Sciences, NL
Elza van Generen, CityServiceBike, NL
Christian Suurmeijer, Greenolution & CycleSpark, NL
Jorrit Kreek, Urban Arrow, NL
Johan Erlandsson, Velove Armadillo, SE
Tom Parr, RIPPL project, UK

11.00 *Coffee break*

11.20 Lecture E1 - Safety Issues: Legal & Practical Aspects

Passive Safety in Different Structures of Light Electric Vehicles
Javier Romo Garcia, CIDAUT - Universidad de Valladolid, ES

Small Electric Passenger Vehicle with Maximized Safety and Integrating a Lightweight Oriented Novel Body Architecture
Johannes Stein, Institute for Automotive Engineering, DE

Safety Related Research on Personal Light Electric Vehicles: How to Integrate LEVS into Urban Transport
Maxim Bierbach, Federal Highway Research Institute, DE

Different Options to Certify Electric Road Vehicles with four Wheels in the EU: Challenges and opportunities
Can an e-Bike be as Safe as a Car? A Vision for a Low Energy Mobility Concept
Luc Vinckx, Elephant Consult, BE

Multimodal Shipment of Electric Vehicles: Road, Maritime and Air transport Regulation
Marco Ottaviani, Dangerous Goods Safety Adviser, IT

12.40 Closing Session - Strategies for the Future

Chair: Frédéric Vergels, Electri-city.mobi, BE

A World of Opportunities: Let's Work Together!

Harm Weken, FIER Automotive, NL

What's next?

Frédéric Vergels, Electri-city.mobi, BE

13.15 *Lunch*

14.30 - ... LEVs in Rotterdam
