



The European Association for
Battery, Hybrid and Fuel Cell
Electric Vehicles

GreenCities – Düsseldorf, 18 April 2012

[illegible]

- ▶ Founded in 1978
- ▶ Membership & non-profit organisation
- ▶ Promotion of the use of Electric Vehicles
(BEV, HEV, PHEV & FECV)





Composition

15 national associations

&

2 European networks
(CITELEC & EURELECTRIC)

= 1000 direct & indirect members

Main Objectives

- ▶ Ensure the introduction of EVs for **public, private, fleet** and **freight** transportation.
- ▶ Lead the way to a **green** and **sustainable mobility**



Activities

- ▶ Dissemination
- ▶ Participation in European projects
- ▶ Collaboration with other international bodies
with common interests
- ▶ Organisation of events and working groups
- ▶ Networking & Lobbying



European Projects



Development of a Low Voltage Full
Series Hybrid or
Pure Electric Drivetrain



Preparing Europe's Grid
for Electric Vehicles



Collaboration

**Expert Group
on Future Transport Fuel
(EC – DG MOVE)**



eurelectric
— ELECTRICITY FOR EUROPE



*The Voice
of European
Railways*

**Alliance for the Electrification
of Surface Transport**



**European Two Wheel Retailers'
Association**

International Network

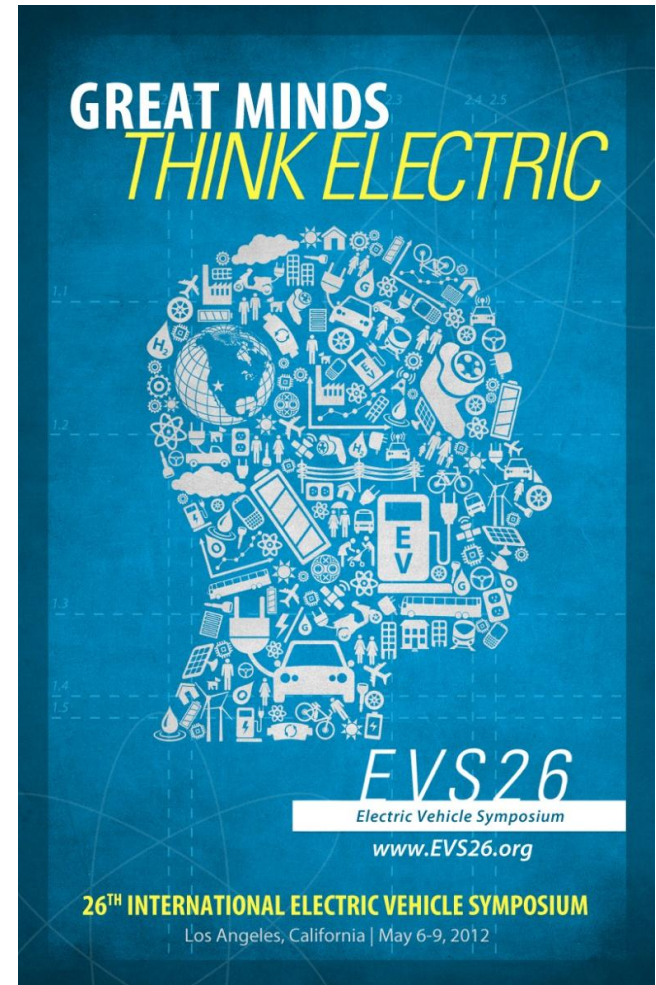


Events

Coming up...

- ✓ **EVS 26:**
Los Angeles, 6-9 May 2012
- ✓ **EVS 27:**
Barcelona, 11-14 Nov 2013

*A little bit of history:
EVS took place in Düsseldorf in
1976 & in Berlin in 2011...*



AVERE Key Topics for 2012

- ▶ Electric Vehicles for **private, public, fleet** and **freight** transportation
- ▶ **Multi - modal** transport for sustainable mobility
- ▶ **Charging infrastructure**: standardisation, data collection & business modeling
- ▶ **ICT** for EVs
- ▶ **Consumers engagement** for electromobility



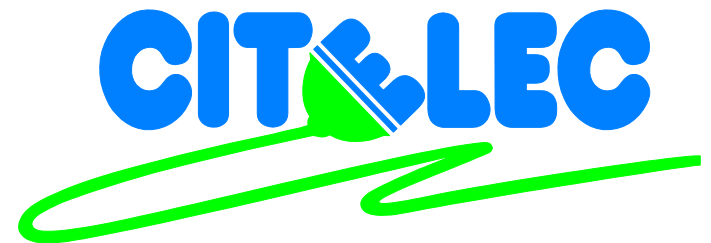
Cooperation of Cities in Europe

- ▶ **“WHO YOU KNOW”** is one of the key to success?
 - ▶ Need to know & being known
- ▶ So let's have a look at other existing initiatives and networks which could facilitate successful actions of « GreenCities »!



CITELEC: Association of European Cities interested in Evs

- ▶ Founded in 1990
- ▶ Aims:
 - ▶ to disseminate the idea of electric mobility
- ▶ Activities:
 - ▶ EU projects
 - ▶ European and national actions
 - ▶ Demonstration actions
 - ▶ Testing and evaluation
 - ▶ Standardization
- ▶ Approx 20 cities



POLIS: European Cities & Regions networking for innovative transport solutions

- ▶ Since 1989
- ▶ **Aim:** to deploy **innovative technologies & policies** for a more **sustainable mobility**.
- ▶ **Topics:**
 - ▶ Environment & Health in Transport
 - ▶ Mobility & Traffic Efficiency
 - ▶ Transport Safety & Security
 - ▶ Social & Economic Aspects of Transport
- ▶ **Activities:**
 - ▶ Working Groups
 - ▶ EU projects
 - ▶ Policies
 - ▶ Events
- ▶ Approx 60 members including **Berlin!**



EVUE : Electric Vehicles in Urban Europe

- ▶ Started in 2010 & will end in January 2013
- ▶ EU project led by Westminster City Council, co-financed by the *European Regional Development Fund* through the **URBACT II programme**.
- ▶ Partners: 10 cities including **Katowice!**
- ▶ Objective: explore, exchange and implement ideas on how **cities can develop integrated & sustainable strategies to increase the use of electric vehicles**.
- ▶ The four areas of **focus** for EVUE are: Business Models, Infrastructure, Procurement and Awareness Raising.



CIVITAS: Cleaner & Better transport in Cities

- ▶ Launched in 2002:
 - ▶ 1st phase ended in 2006: 19 Cities, 4 research and demonstration projects
 - ▶ 2nd phase from 2005 to 2009: 17 cities , 4 projects.
 - ▶ 3rd phase from 2008 to 2013: 25 cities , 5 collaborative projects.
- ▶ EU project: over EUR 300 million invested to implement innovative measures in clean urban transport
- ▶ **Aim:** to support cities to introduce **ambitious transport measures and policies towards sustainable urban mobility**
- ▶ **Forum network:** almost 200 cities committed to implementing and integrating sustainable urban mobility measures, 68 million citizens in 31 countries.
- ▶ Annual **Forum Conference** s: next one in Vittoria Gasteiz (ES) 24 – 26 Sept 2012



E-Visionary Awards (WEVA / AVERE)

- ▶ Since 2002
- ▶ Delivered by the WEVA at every EVS
- ▶ 3 awards: 1 for Asia Pacific, 1 for Americas, 1 for Europe & Africa
- ▶ Recognise as “E-Visionaries”, cities, communities for their use of **clean, efficient and sustainable modes of transportation**, and for making **electric drive** a reality in the everyday lives of their citizens.
- ▶ In 2011: The City of Shenzhen (China), the State of Oregon (US) & the City of Amsterdam (NL)



Avere France - Electro-Mobile City Trophies

- ▶ Since 2010
- ▶ Delivered by AVERE France, under the patronage of the Minister of Ecology
- ▶ Recognise French cities which have the **greatest commitment to Electric Mobility** which is translated projects involving EVs & HEVs:
 - ▶ Incentives for purchase or use
 - ▶ Charging infrastructure
 - ▶ City fleets
 - ▶ Buses
 - ▶ Car-sharing
 - ▶ Communication & awareness-raising
 - ▶ etc...
- ▶ Different categories based on the number of inhabitants.
- ▶ In 2011: Monaco and the eight abovementioned towns and cities join the eleven winners of the 2010



Relevant event:

- ▶ World Electric Vehicle Cities & Ecosystems
 - ▶ Organised by the University of California
 - ▶ LA, May 5th, 2012



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