



“What are the future constraints for the development of environmentally friendly vehicles?”

WP.29 Round Table on Climate Change and Transport

CLEPA the European Association of Automotive Suppliers

Lars Holmqvist, CEO

Palais des Nations Geneva, 24 June 2010





CLEPA
European Association of
Automotive Suppliers

Facts about CLEPA

CLEPA - the European Association of Automotive Suppliers, founded in 1959 and represents

77 corporate members of the world's most prominent suppliers for car parts, systems and modules

29 National trade and European sector associations representing more than **3000 member companies** in total,

2500 SMEs,

more than **3 Million employees**

with **300 Billion Euro** sales

CLEPA is an accredited partner of the EU and the UN



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Automotive Suppliers in Europe

“Automotive Suppliers have proven their leadership in developing products that are innovative, environmentally sound and safe, providing sustainable mobility for Europe’s citizens”

Peter Tyroller CLEPA President, Bosch

5.000.000

people are employed in the
automotive supply industry



This represents **42%** of all those who are employed by the automotive industry, covering all products, services and technologies within the automotive supply chain, including **50%** of the **€24 billion** per year in R&D for the automotive industry.

75 %
of the vehicle is made
by automotive suppliers



Energy storage on board the vehicle

- **Batteries limited capacity = limited range**
- **Fuel cells are still not developed enough and might be used as energy storage only with impact in long term;**
- **Other technologies require major infrastructures.**





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Constraints...

Safety

- On board safety
- On road safety

Affordability

- Durability of energy storage
- High purchase price before volumes are achieved





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Competitiveness

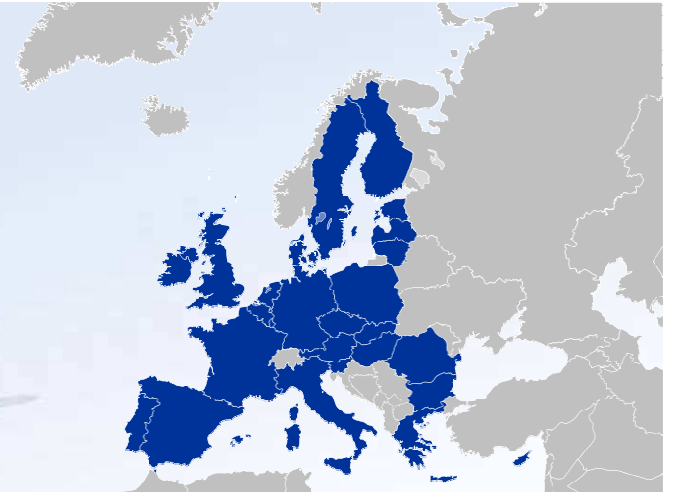
*Europe must become a **leader** in the production and commercialization of **energy storage** in order to remain industrially and environmentally **competitive** in the **Automotive Industry** and to lead the development towards **sustainable mobility**.*

ACTION

International level should agree on **environmental regulations** and co-ordinate utilization of **energy resources** and **strategic raw materials**.



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Sustainable individual mobility

Will only be achieved through **co-operation** and **co-ordination** between all **Stakeholders** and it will improve energy efficiency

An Integrated Approach is needed in the following areas:

- Legislation;
- Fuel/power and road infrastructure;
- Standardization;
- Incentives to stimulate demand for low-carbon vehicles;
- Taxation policy.