



European Automotive and Industrial Battery Association



Alfons Westgeest,
Secretary General

11 March 2010

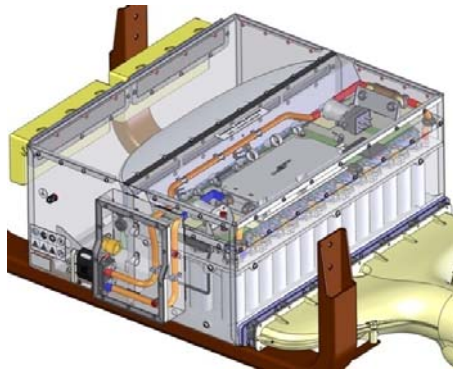
EC Hearing on Clean and
Energy Efficient Vehicles



Batteries are key components for cars, for ICEs up to full EVs:

Commitment to increase efforts for combating climate change and reducing CO2 emissions for transport

- Drive towards electrification of the vehicle and energy / fuel efficiency
- Automotive future = variety of technical solutions: different battery technologies co-exist and complement each other (Pillar I & II)



EU Battery Industry contribution to automotive application areas and technologies

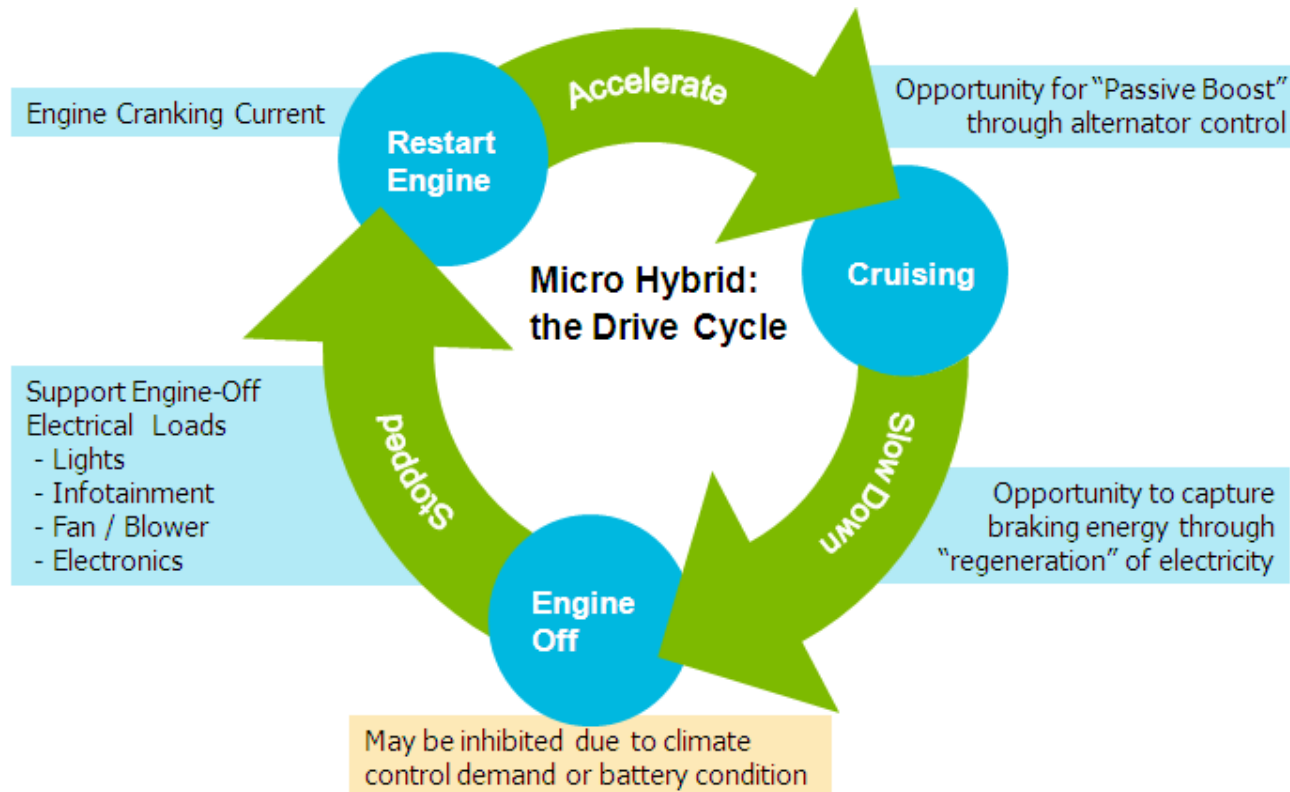


Pillar 1: Promotion of advanced clean and fuel efficient ICE vehicles, to ensure reduction of emissions and fuel consumption.

Battery Industry contributing with:

- Advanced Batteries for conventional ICEs (LSI)
- Stop-start micro/Mild HEV systems
- Full HEVs with range extender

Electrification concept of the Power Train: Lead Acid in Micro Hybrid Applications



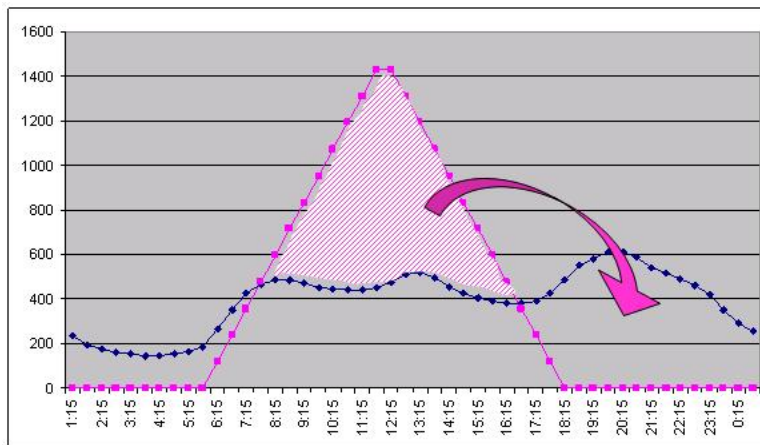
EU Battery Industry contribution to automotive application areas and technologies



Pillar 2: Promotion and facilitation of market access of alternative vehicle propulsion technologies,

Battery Industry contribution:

- Plug-in Hybrid Electric Vehicles (PHEVs)
- Electric Vehicles (EVs)



Batteries as key component of the infrastructure for pHEVs and EVs:

- Energy Storage (essential in the development of renewable energy);
- Example: photovoltaic

What is needed for Batteries to contribute to European Strategy on clean and energy efficient vehicles?

- **Research funding** on all technologies
 - **Development** of integration, electronics & monitoring
 - **Industrialization** : production processes and supply chain
 - **Regulatory Support** for investment security
 - **Standardization** of battery systems and components, performance testings, aftermarket identification, metering
-

Contact

EUROBAT Secretariat

Secretary General - Alfons Westgeest
EU Affairs Manager – Michel Baumgartner
Committees Manager - Erwin Marckx
Managing Assistant - Veerle Guns

Avenue Jules Bordet, 142
B-1140 Brussels

Phone: +32 2 761 16 53

Fax: +32 2 761 16 99

E-mail: eurobat@kelleneurope.com

Website: www.eurobat.org

What is EUROBAT ?

European Organization representing the
Electrochemical Storage Industry

Members:

- Battery Manufacturers
- Battery Supply Industry
- Cell and Module producers
- Battery System Integrators
- Battery packs

Batteries for sustainable energy and pHEV and EV infrastructure support:

- Autonomous and well proved electro-chemical energy storage systems
- Enabling new technologies for future sustainable energy systems
- Commitment to viable technical solutions for combating climate change

