

ALDE Seminar

Hydrogen: Powering Europe's Future Energy & Mobility

CARS 21 High Level Group & the EU strategy on clean and energy efficient vehicles

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DG Enterprise & Industry:

« Automotive issues »

1. Legislative work (type-approval, emission standards, safety legislation)

2. Improving competitiveness of the European automotive industry

- impact assessments of the legislative proposals
- Reaction to the crisis « Green Cars Initiative »
- **European strategy for clean and energy efficient vehicles**
- **CARS 21- on the Competitiveness and Sustainable Growth of the Automotive Industry in the EU**

CARS 21 – history & re-launch

- **Launched in 2005, delivered final report**
- **Mid-term review in 2008**
- **Meetings in 2009 on crisis response**
- **Re-launch:**
 - **suggested by group itself (2008)**
 - **Announced by VP Tajani in Feb 2010**
 - **Included in Strategy on Clean Vehicles (April)**
 - **Favourably received by EP and Council in resolution / council conclusions**

Re-launch on formal basis

- Previous CARS 21 on informal basis
- Now, formal Commission Decision adopted on 14 October 2010 (OJ C 280, pp 32-34)
- Double objective: **competitiveness and sustainable growth of EU auto industry**
- First HLG meeting on 10 November 2010

Tasks

- **Assist the Commission in questions related to competitiveness and sustainability**
- **Assist the Commission in implementing key policy initiatives**
 - **Europe 2020**
 - **flagship initiative on resource-efficiency**
 - **flagship initiative on industrial policy**
 - **EU strategy on clean & energy-efficient vehicles**
- **Contribute to smooth economic & social transition**
- **Formulate sector-specific policy recommendations**

Composition – what is different?

- **More Member States**
- **Other institutions (COR & EESC)**
- **Manufacturers of all vehicle types**
- **More component suppliers**
- **Not only petrol but also electricity suppliers**
- **More NGOs**
- **Stronger voice of users**
- **Stronger involvement of relevant Commission services**

Three Level Structure

- **High Level Group (Ministers, CEO's, Commissioners, etc.)**
- **Sherpa group**
- **4 Thematic Working Groups:**
 - **Innovation, infrastructure & energy**
 - **Trade & international harmonisation**
 - **Social, industrial & territorial aspects**
 - **CO2, emissions & internal market policies**

Next steps

- **WG meetings have started**
- **Interim report**
 - **Adoption foreseen in June 2011**
 - **Shared analysis of competitiveness aspects**
 - **Policy recommendations on selected topics**
- **Final report**
 - **Adoption foreseen for Spring 2012**
 - **Joint strategy towards competitive & sustainable auto industry in 2020 and beyond**
 - **Broad set of policy recommendations**

European strategy on clean and energy-efficient vehicles

- **Adopted on 28 April 2010**
- **Objective: support EU industry in meeting medium-term challenges**
- **Two-pronged approach:**
 - Promotion of technologically advanced and fuel efficient vehicles to be put on the market in the near future
 - European road map and action plan for promoting and facilitating the emergence and proliferation of breakthrough technologies

Implementation of the strategy

1. Regulatory framework

Actions performed in 2010

- On 4th October 2010, new Regulation proposed on L-category vehicles (agreement in co-decision possibly in 2011)
- Rules on monitoring and reporting of data (pertaining to Regulation (EC) 443/2009 on CO₂ emissions from cars) adopted in November 2010
- Progress report on implementation of the 2007 strategy on CO₂ emissions from cars adopted in November 2010
- On 10th June 2010 Commission adopted guidelines for implementation of the sustainability criteria for biofuels.
- *Study was launched in 2010 to develop a certification procedure for CO₂ emissions and fuel consumption of HDV, preparing for the adoption of the strategy in 2013*
- *Study was launched in 2010 to prepare for the revision of Regulation (EC) 443/2009*

1. Regulatory framework

Actions to be performed in 2011

- Adoption of the rules on eco-innovation and derogations, (pertaining to Regulation (EC) 443/2009)
- Commission's proposal on fuel consumption of mobile air conditioning systems
- Commission's proposal to amend the Directive 70/157/EEC to reduce noise emissions of vehicles

2. Supporting research and innovation in green technologies

Actions performed in 2010

- In 2010, the support of European research projects (under the Green Car Initiative, which target low carbon fuels and clean and energy efficient transport started.
- As a result of the first calls for proposals (with a total indicative budget of € 108m) published in July 2009, 30 projects were selected for funding.
- The focus of the research projects resulting from the first calls for proposals is on electric vehicle technologies and the integration of Electric Vehicles with smart electricity grids.
- The 7 selected projects from the DG INFSO call will develop highly energy-efficient ICT components and solutions for Fully Electric Vehicles.

2. Supporting research and innovation in green technologies

Actions performed in 2010 (continued)

- Simplification of administrative rules for research grants
- The EIB continues the implementation of the European Clean Transport Facility as a contribution to the Commission's Green Cars Initiative.

Actions to be performed in 2011

- proposal on the Framework Programme 8 (FP8);
- Adoption of Communication on Strategic Transport Technology Plan
- Presentation of the long-term alternative fuel strategy in the Communication on Clean Transport Systems

3. Market uptake and consumer information

Actions to be performed in 2011

- The guidelines on Incentives for Clean and Energy Efficient Vehicles will be adopted in early 2011
- Commission's proposal for revision of the Energy Taxation Directive
- Monitoring the transposition of the Directive on clean and energy efficient vehicles
- Electromobility demonstration project starts

4. Global issues

All actions are already underway

- **International standardisation, regulatory and policy dialogues** (e.g. TEC) with a view to promoting trade and preventing market-distorting rules on green vehicles
- **Raw materials initiative** (rare earths identified as “critical” for the EU)
- Applying harmonised regulation at a global level – the Commission has adopted the proposal on the inclusion, into the EU type-approval legislation, of 62 UNECE Regulations concerning safety of vehicles, including **UNECE Regulation No 100 on electric safety of vehicles.**

5. Employment issues

Actions to be performed in 2011

- The 1st phase of creation of European Sectoral Council on jobs and skills
- Support for the training, retraining and upskilling of the workers with the financial support of the European Social Fund and in case of restructuring of the European Globalisation and Adjustment Fund.

7. Specific actions for electric vehicles

Actions performed in 2010

- Ambitious timetable has been established for adoption of this standard for charging of electric vehicles. In June 2010, VP mandate was handed over to the CEN/CENELEC/ETSI in order to develop the standard.
- The EIB has completed the first phase of devising an appropriate lending policy for the EV infrastructure sector.
- Review of other (than electric safety) type-approval requirements

Actions to be performed in 2011

- present results from 2 FP7 research projects (G4V and MERGE) on the strategic impact of large scale roll out of EV and PHEV on grid infrastructure;
- on the basis of the electro-mobility demonstration project and the revision of TEN-T guidelines, provide a leading role on the build-up of charging infrastructure;
- evaluate whether the promotion of electric vehicles leads to additional renewable electricity generation and if appropriate present a proposal outlining the conditions under which electricity consumed by electric vehicles may be counted in full towards the Renewable Energy Directive's 10% target for renewable energy in transport instead of only a share of it.

Concluding remarks

- First report on the implementation of the strategy: Staff Working Document SEC(2010) 1606 final
- Key role of CARS 21 process in the implementation of the strategy

Thank you for your attention!

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