



# MEASURES TO SUPPORT THE TECHNOLOGICAL POSITION OF THE AUTOMOTIVE COMPONENT MANUFACTURERS

**M<sup>a</sup> Luisa Soria**  
**RTD Manager**  
**SERNAUTO**

**Saragossa, 24<sup>th</sup> March 2009**

# The Automotive Industry in Spain



- **3<sup>rd</sup> largest car maker in Europe and 7<sup>th</sup> in the world. The biggest OEMs and component manufacturers have production plants in Spain.**
- **Largest producer of industrial vehicles in Europe.**
- **Over 82% of the vehicles are exported to 90 countries in the world.**
- **Strong equipment and component manufacturers' sector:**
  - **6<sup>th</sup> in the world in turnover (32.873 M€ in 2007).**
  - **1000 companies, representing 6% GNP, from SMEs to large international groups.**
  - **Strong innovation capacity (R&D investment in 2007: 2,93% revenue), experience in quality certifications.**

# Threads and Opportunities



- **Environmental Regulations:**
  - Reduction of noxious gases and particulate emissions,
  - Reduction of fuel consumption and CO<sub>2</sub> emissions
  - Use of biofuels
  - Recycling of vehicles.
- ↪ **Technological reconversion of the vehicle propulsion and transmission systems.**
- **Safety Regulations**
- **Competitiveness:**
  - Globalisation as opportunity for Spanish companies in new markets.
  - Lack of decision centres of vehicle manufacturers
  - Transfer of assembly plants to Eastern Europe countries.



- **SERNAUTO is the Spanish Association of Automotive Equipment and Component Manufacturers.**
- **Founded in 1967 to represent the interests of the sector before the Administration and public and private institutions.**
- **Reference for discussing issues of the sector and meeting point for the companies.**
- **Over 300 members, representing 85% of the sector turnover.**
- **Working groups to define objectives and strategies of the sector: R&D, Environment, Quality, HR, Aftermarket, Relations with OEMs, Foreign Trade.**

**[www.sernauto.es](http://www.sernauto.es)**

# R&D Working Group



- Established in 2000.
- Collaborative work of supplier companies with development centres in Spain and Technological Centres.
- Objectives:
  - Promoting R&D activities in the member companies
  - Improving the use of existing infrastructures
  - Achieving a higher support degree, at national and international levels
  - Increasing the investment percentage of the companies in innovation.
- Participation in the CLEPA RTD Working Group and in other national and European initiatives (eSafety Forum, Technology Platforms, International Conferences and Workshops, ...) representing the sector.

# Technology Platform SERtec



- Promoted by the R&D Working Group, coordinated by SERNAUTO.
- With industrial leadership, it aims at promoting R&D cooperation, being a meeting point of all the technological agents related with the automotive sector and facilitating the integration and capacity University – Technology Agents – Enterprise.
- Members: Automotive suppliers, suppliers of ICT for transport and infrastructures, Universities, Technological Centres, Engineering companies, related Spanish Technology Platforms, representatives of Public Authorities, Clusters.
- Strategic agenda: Research and technological development priorities of the automotive sector in Spain: references for the Workprogramme of the National R&D Plan 2008-2011.



# Technology Platform SERtec



- **Coordination with other technology platforms related to transport at national and European levels.**
- **5 working groups develop activities, orientations and recommendations.**



# Unit of International Innovation



Collaboration Agreement with the Spanish Agency for the industrial and technological development (CDTI) - TECNOEUROPA Programme - to promote the participation of companies of the automotive sector in international programmes for research and technological development.

## Objectives:

- Contribute to increase the competitiveness of the automotive component sector by means of R&D
- Collect and integrate the areas of interest of Spanish industry in the definition of the priorities of EU FP workprogrammes.
- Support the preparation and submission of high quality proposals of R&D projects, promoting leadership and advising the consortia about project management issues.

[uui-sernauto@sernauto.es](mailto:uui-sernauto@sernauto.es)



# UII: Activities



- Identification of the sector R&D interests and capabilities: interviews and visits.
- Dissemination of information related to European funding programmes and calls: transport, NMP, ICT, energy, environment, eco-innovation, JTI, ...
- Transmission of information related to the interests of the Spanish sector to entities which propose and advise the EC in the definition of the Workprogrammes: National Contact Points, CLEPA, eSafety Forum, EC representatives.
- Attendance to international meetings where the long term R&D strategic priorities are presented or discussed and dissemination of the information relevant to the sector.
- Assistance in the preparation and pre-evaluation of proposals.
- Search of project partners and consortia under construction.



# Green Cars Initiative Forum



- **Objective: Support the Spanish technological position in view of the opportunities arising from the deployment of new propulsion systems and the EU Green Cars Initiative**
- **Activities:**
  - **Compilation and dissemination of information about the initiative and its final configuration in the frame of the 7PM and EIB loans.**
  - **Inventory of capacities: enterprises from the sector and new actors**
  - **Technology Roadmap of systems and components**
  - **Roadmap of programmes and funding instruments**
  - **CDTI Forum with representatives of the industrial sectors involved, public administrations, CDTI and EU.**



**¡Thank you for your attention!**

**María Luisa Soria  
SERNAUTO**

**Castelló 120; 28006 Madrid**

**Tel.: +34 915 621 041; Fax: +34 915 61? ???**

**marialuisa.soria@sernauto.es**