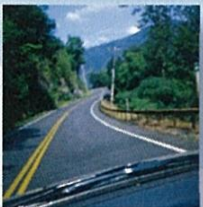
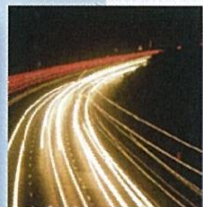
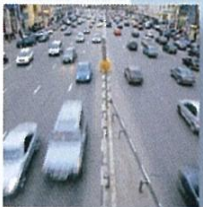
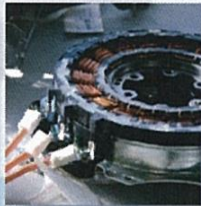
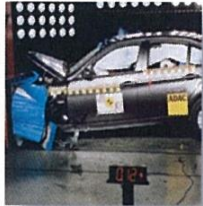


Spanish Automotive and Mobility Technology Platform



M2F
Move to Future

NoAE – 5th Project Day
Dusseldorf, 18 April 2012

M2F, the Spanish Automotive and Mobility Technology Platform.

2nd largest car maker in Europe, largest producer of industrial vehicles in Europe and 9th in the world. 90% exported to 130 countries in the world.

Executive Board:
SERNAUTO: Spanish Association of Automotive Equipment and Components Manufacturers, - 11 companies – 18 production plants as main proposer and coordinator

Strong equipment and component manufacturers industry: 29.530 M€ in 2011, 60% in the export market.

CIE AUTOMOTIVE: Manufacturer of automotive components and sub-assemblies

ANFAC: Spanish Association of Vehicle and Truck Manufacturers

1000 companies - from SMEs to large international groups

ITS Spain: Spanish Association of Intelligent Transport Systems

TECNALIA Research & Innovation: Spanish private applied research centre

▲ 6% GNP

FICOSA International: Manufacturer of automotive components and sub-assemblies

▲ 250,000 employees

LEAR Automotive (EADS) Spain: Manufacturer of automotive components and sub-assemblies

▲ 188 D+ employees

R. BOSCH España: Manufacturer of automotive components and sub-assemblies

INSIA-UPM: University institute for automobile research

Objectives:

- ▲ Reinforcement of the R&D structure of the sector
- ▲ Communication and collaboration
- ▲ Projects

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Activities

Members

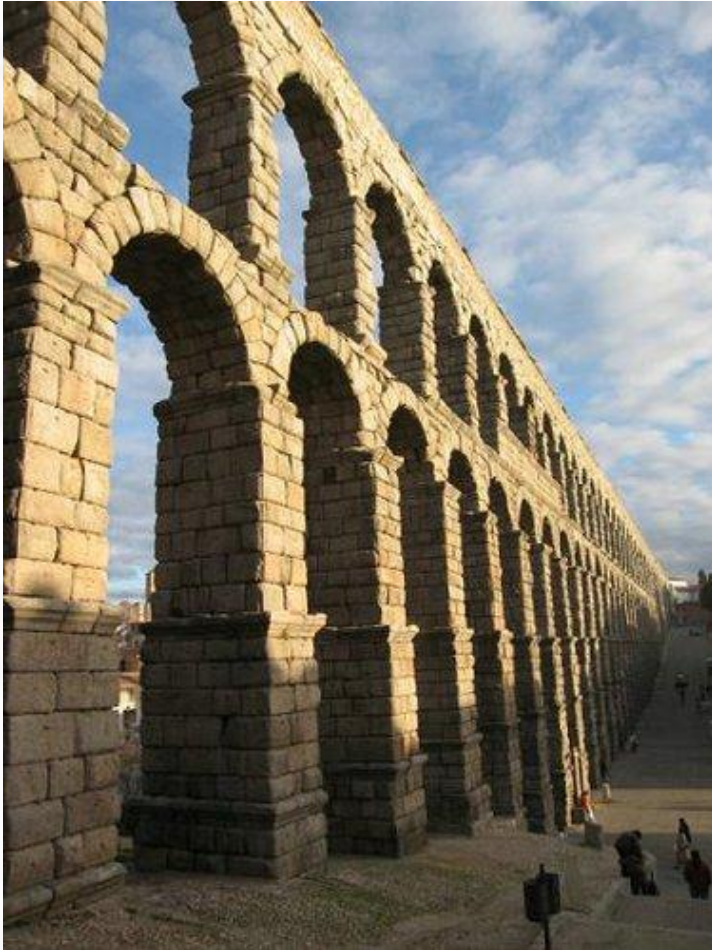
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Activities

Members

Description and objectives

Reinforcement of the R&D structure of the sector



- ▲ **Joining the private sector, technology centers, public research organizations and universities** to establish R&D&I priorities for the automobile sector in Spain and update them periodically
- ▲ **Identifying strategic areas** for platform members based on existing technological know-how and R&D potential in Spain
- ▲ Making **contributions to the European Framework Programme**, updating ERTRAC's strategic agenda, and creating the road map for the European Green Cars Initiative
- ▲ **Advising the government** on policy development
- ▲ Reviewing of **specifications and legislation** related to automotive sector

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Activities

Members

Description and objectives

Communication and collaboration



- ▲ **Informing** about any initiative, event, call, etc related with the sector
- ▲ **Promoting knowledge** among Platform members, their lines of work and their interests in the medium / long term to enhance the proposal and implementation of cooperation projects
- ▲ **Collaborating with others** technology platforms and transportation and logistics-related initiatives

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Activities

Members

Description and objectives Projects



- ▲ **Fostering collaborative activities** between companies and R&D agents
- ▲ **Increasing** the number of companies participating in projects **and supporting** the best **projects and initiatives**, both individual and cooperation, for implementation and achievement of its objectives

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Activities

Members

Support action to promote Spanish participation in the European Green Cars Initiative.



Objective: To strengthen the Spanish technological position in view of the opportunities of the European Green Cars Initiative.

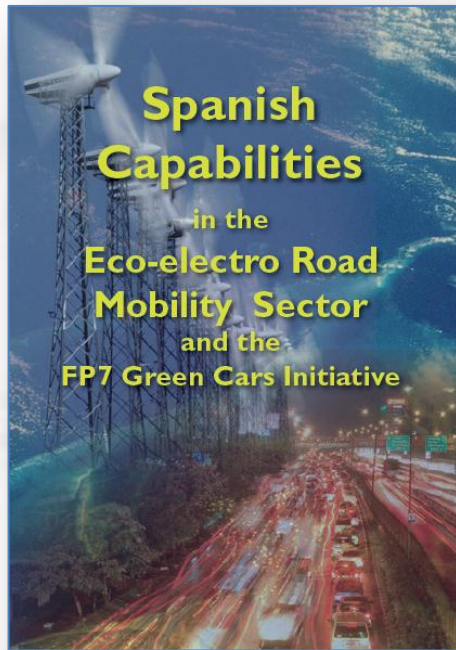
Activities:

- ▲ Compile and disseminate the information about the EGCI and all its ongoing projects
- ▲ Inventory of Spanish stakeholders: within the automotive sector and new actors
- ▲ Identify the main RTD priorities and technological capabilities in Spain
- ▲ Promote and facilitate the participation of Spanish entities in the EGCI calls, up to a level in accordance with national capacities
- ▲ Foster the coordination and cooperation with other relevant sectors: utilities, infrastructures, logistics, hydrogen and fuel cells

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Activities

Members



“R&D Challenges and Opportunities in Electrical-powered Transport” (Saragossa, March 24, 2009)



“Green Cars and Leadership Opportunities in Spain” (Valencia, April 15, 2010)



“Green Cars Spain: Ongoing Projects”
(Valladolid, October 5, 2011)

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Activities

Members

Important date!!

“GREEN CARS SPAIN – BUSINESS CHALLENGES AND GLOBAL OPPORTUNITIES”

Vitoria – 3 October, 2012



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Activities

Members

www.fp7greencars.es (ES/EN)

Sections:

- ☐ Directory
- ☐ Events
- ☐ Documentation
- ☐ Links
- ☐ Projects

The screenshot shows the website for FP7 Green Cars Spain. The browser address bar displays <http://www.fp7greencars.es/index.aspx?idioma=EN>. The website has a green header with the title "GREEN CARS SPAIN" and language options for "Español" and "English". A left sidebar contains a "SECTIONS" menu with links to HOME, DIRECTORY, EVENTS, DOCUMENTATION, LINKS, PROJECTS, CONTACT, and COORDINATION. Below this is a "CALENDAR" for December 2011, showing dates from 27 to 31, with the 1st marked as "Today". The main content area features the "FP7" logo and the title "Green Cars Spain". A paragraph describes the European Green Cars Initiative as one of the three public private partnerships (PPP) included in the Economic Recovery Plan, aimed at supporting smart investments in research in the automotive sector. Another paragraph states the objective of the "Support Action to promote Spanish participation in the European Green Cars Initiative" is to strengthen the Spanish technological position towards electromobility. Below this, "Coordinating organisations:" are listed with logos for SERNAUTO, anfac, IBERDROLA, and tecnalia. A green banner at the bottom reads "FP7 GREEN CARS 2011: PROYECTOS EN MARCHA; VALLADOLID". At the very bottom, the "Start Date: 05/10/2011" and "End Date: 05/10/2011" are specified.

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Activities

Members



A demand-oriented innovation marketplace

Firms - in a secure, anonymous and user-friendly environment - request solutions related to technology and innovation (e.g. new product development, R&D and Innovation Advising, Technological Forecast, etc.) to all solution providers regardless of the provider's category, location and technological expertise. Firms find a

solution to all sort of innovation requests faster, easier and confidentially while solution providers close a service contract.

www.seinnova.es

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Activities

Members

Car makers	Suppliers of the automotive sector (from SMEs to large industrial groups)
Suppliers of ICT for transport and infrastructures	Engineering companies
Technological Centres	Universities
Related Spanish TPs	Representatives of Public Administrations
Clusters	Consultants

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Activities

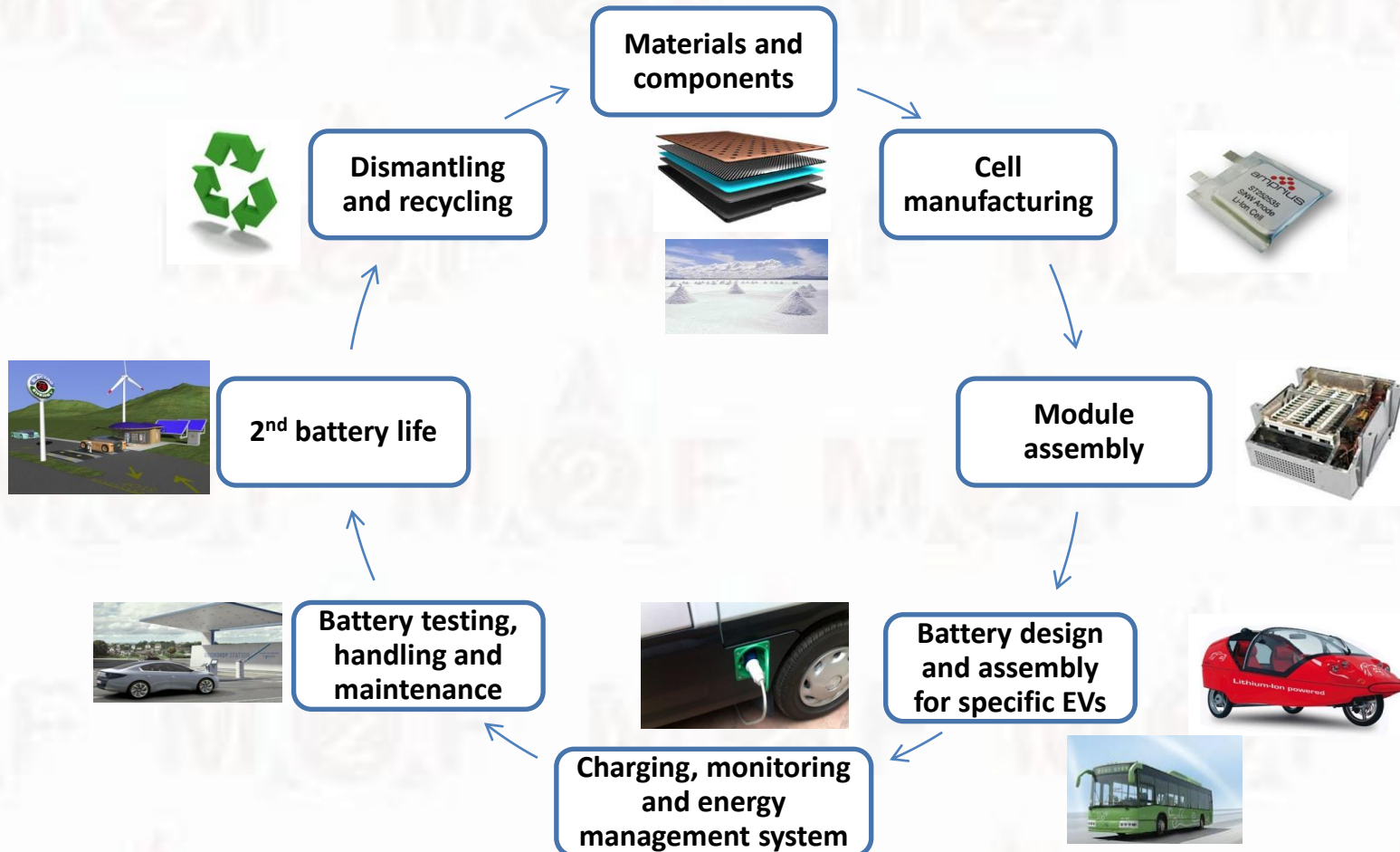
Members



- ▲ **WG1 - Vehicle electrification, energy and resources**
- ▲ **WG2 - Safety**
- ▲ **WG3 - Materials, design and production systems**
- ▲ **WG4 - Mobility in urban and interurban areas**
- ▲ **WG5 - R&D&I promotion**

New technologies: SEAT – FICOSA – SANYO Agreement

SEAT, Ficosa and Sanyo have signed an agreement to promote the development of batteries for electric vehicles in Spain and Portugal.



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Activities

Members

The main strategic project of **Mondragón Automoción** is the Mondragon city CAR/VAN electric car.

Three important tasks:

- 1) Conduct a complete vehicle experience with a European engineering partner (Lotus)
- 2) Develop strategies for Mondragon automotive companies
- 3) Creating a new company for the design and development of electric cars



M2F

Activities

Members

CIE Automotive takes part in the HIRIKO project.

image by William Lark Jr. Smartcities MIT



Characteristics:

- ✓ Innovative navigation systems
- ✓ 120 km autonomy
- ✓ Maximum speed of 90 km/h
- ✓ Can be set at the limit of 50 km/h



M2F

Activities

Members

Today' Spanish participants

▲ AIMME



▲ AIMPLÁS



▲ ASCAMM



▲ CAAR



▲ IBV



▲ iMAUT



▲ ITE



▲ ITI



▲ MONDRAGÓN
AUTOMOCIÓN



▲ TECNOEBRO



M2F

Activities

Members



Move to Future

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Thanks for your attention