French automotive & mobility cluster

Territory: Alsace Franche-Comté

LES PÔLES DE COMPÉTITIVITÉ
MOTEURS DE CROISSANCE ET D'EMPLOI

A European crossroad

3.1 millions inhabitants

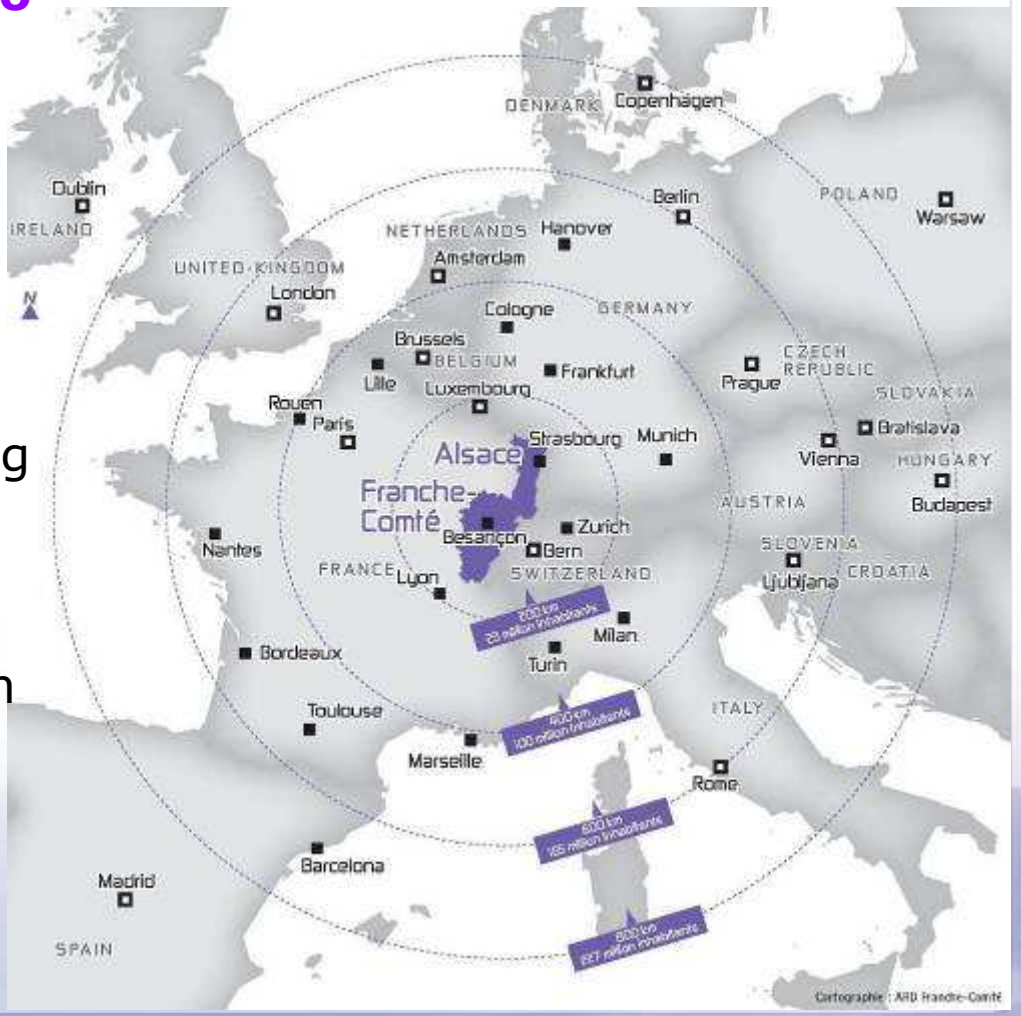
A set of stakeholders **linked to the mobility theme** :

- **1000** companies
105 000 employees among whom more than **6000** researchers

- **4** universities – **7** engineering graduate schools – **6** public technical centres

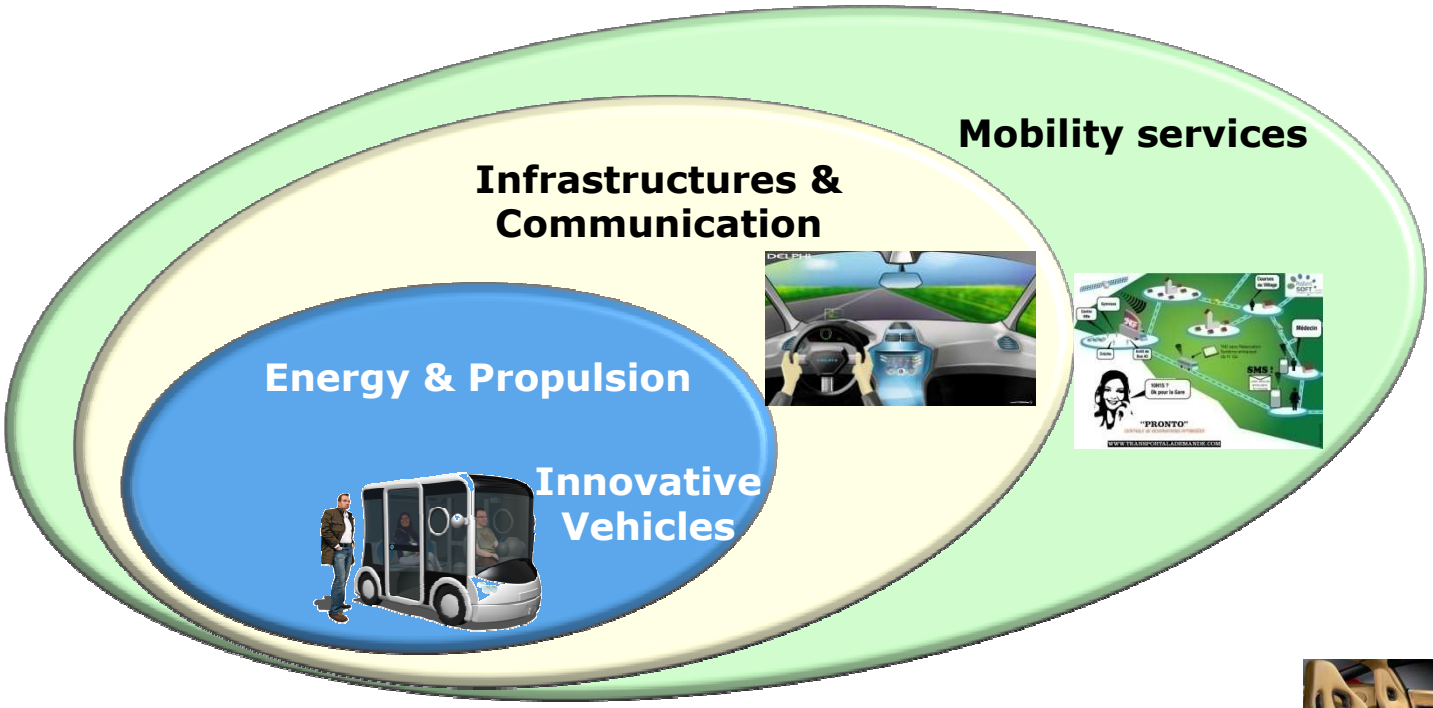
- More than **70** public research teams working on mobility-related issues

- More than **200** graduate programs



Create solutions for tomorrow's vehicles and mobility systems with a view to achieving sustainable development for the territories

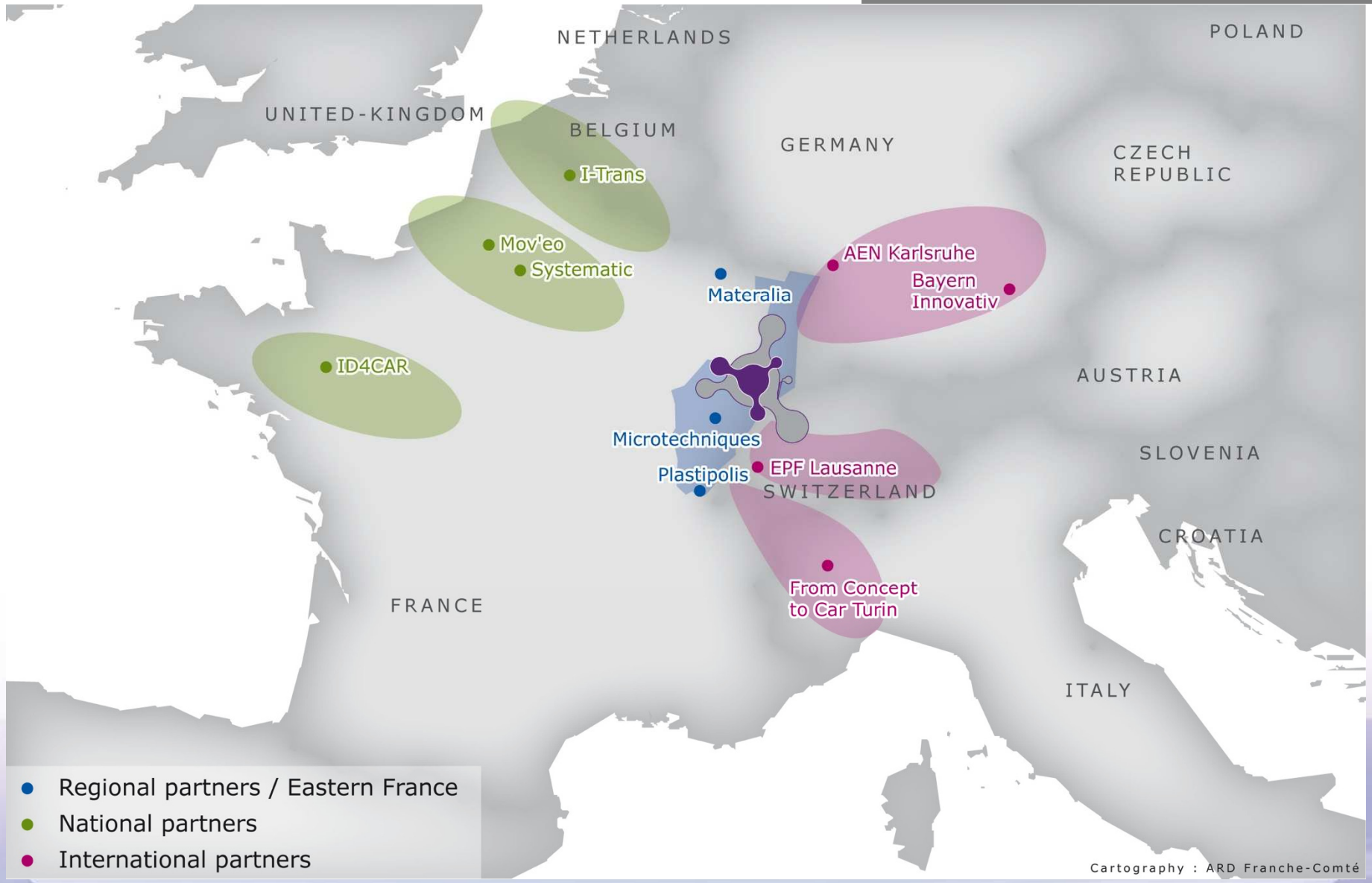
Strategy



Design, materials and life-cycle

Improving manufacturing performance with program PerfoEST

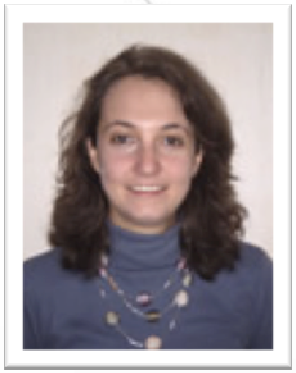
Partnership



One person as a common resource until Jan. 2012

An example belonging to the past…

Cluster Pôle Véhicule du Futur®
Solutions for future vehicles & mobility



Cécilia KIEFFER
Was a coordinator for cross-border cooperation programmes
between Germany and France
in partnership with AEN.

Automotive Engineering Network Südwest

PVF Projects Management

Programs Managers:

Philippe CHICAN
Programs manager
Energy & propulsion / Innovative vehicles

Bruno GRANDJEAN
Programs manager
Mobility services / Infrastructures & Communication

Eric GROSS
Programs manager
Design, materials & life-cycle

EU projects managers:

Anne ZELLER
European Project Manager (E_Light)

Léonard GAY
European Project Manager (Elmo's)

Rodolphe GIE
European Project Manager (S-Life)

Cluster Pôle Véhicule du Futur®
Solutions for future vehicles & mobility

About Franco-German projects

Projects S_Life, ELMO's, ABATTRELIFE, Mobypost, E-Light, ENEVATE, CROME

CROME (Cross-border Mobility for electric vehicles)

CROME (Crossborder Mobility for Electric vehicles)

An innovative cross-border project between Germany and France

Towards an European harmonization of the EVs loading system

Objective: development of charging stations between France and Germany (on frontier regions).

Mobypost

Mobypost
Mobility with Hydrogen for Postal Delivery

Objective: Mobility with Hydrogen for Postal Delivery.

Mobypost will develop the concept of electric vehicles powered by fuel cells using hydrogen produced locally by renewable energy means: solar panels installed on the Postal delivery cars of Groupe La Poste.

Enevate

ENEVATE

European Network of Electric Vehicles and Transferring Expertise

Accelerating E-Mobility

Germany
- Regionalmanagement Nordhessen GmbH, Kassel
- Bayern Innovativ GmbH, Nuremberg
- Inno Germany AG, Karlsruhe
- Forschungszentrum Jülich

Bayern Innovativ
Gesellschaft für Innovation und Wissenstransfer mbH

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Solutions for future vehicles & mobility

ENEVATE aims to facilitate and support the accelerated introduction of electric mobility in NW Europe through structured transnational cooperation between public authorities and business representatives.

E-Light

Cluster Pôle Véhicule du Futur®
Solutions for future vehicles & mobility

EAST-4D
Carbon Technology GmbH
Dresden, Germany.

Advanced Structural Light-Weight Architectures for Electric Vehicles
Project acronym: E-LIGHT

GA No.: FP7-266284
Budget 2.9 M€ ➔ funding 2.1 M€

Starting date 1st February 2011
http://www.elight-project.eu

ELMO's

Partners:

For Germany:

- cluster **RKW Baden-Württemberg GmbH**
- **Institute for Work and Technology**
- **City System GmbH**

Electromobility Solutions for Cities and Regions

For France:

- cluster **Pôle Véhicule du Futur**

RKW BW

IAT Institut Arbeit und Technik

Cluster Pôle Véhicule du Futur® Solutions for future vehicles & mobility

Electromobility solutions for cities + regions

Objective: to promote more sustainable transport through the development of electromobility solutions for cities and regions.
(better exchange of electromobility knowledge at regional and EU level, new business models and cross-border field tests, improved standardisation in electromobility technology)

The project therefore, contributes to enhance the regional capacities for a fostering of the sustainable transport-related economy.

S_Life

European Synergies and Co-operation for Sustainable vehicle along the Life-Cycle

Project acronym: **S_LIFE Project**

Leader of the project: French cluster Pôle Véhicule du Futur (PVF) associated with **German clusters Bayern Innovativ** and **RKW Baden-Württemberg**, Italian cluster CEIPIEMONTE, Auto Recycling Nederland ARN Holding, Slovenian cluster ACS and Interface Europe from Belgium.

S_LIFE project proposes long-term research and innovation driven strategies as well as a Joint Action Plan to affect long term-change greening the transport/automotive economy, by: Efficient use of research capacities, A better valorisation of research results/assets, New opportunities for collaborative research projects.

ABATTRELIFE

RKW BW

Objective: development and implementation of a knowledge base on (in-vehicle) battery deterioration; a safe management structure for EV battery recycling; strategies and technologies for battery re-use and recycling (in particular lithium recycling).

Partners: german cluster Bayern Innovativ, PCA Group France, BMW Group Germany. Research units or universities: EIFER (D), TU München (D), TU Freiberg (D), UTBM (F), UTT (F), Fraunhoffer ISC (D), TNO (NL).

Funding our projects

European funding for our projects :

FP7: Seventh Framework Programme, most important way of funding of the European Commission for research.

New Energy World JU: Fuel Cells & Hydrogen Joint Undertaking: private/public partnership concerning research on fuel cells & hydrogen in Europe.

Interreg: is a Community initiative which aims to stimulate interregional cooperation in the EU. It is financed under the European Regional Development Fund (ERDF).

EUREKA: a german-french cooperation which has now 36 countries-members to strengthen european competitiveness helping innovative projects of businesses.

Manunet : European network of public funding for Research and Development.

Eurostars : for innovative european SMEs.

International encounters Mobilis

13th & 14th november Mulhouse

2 days meeting on urban mobility

- Plenary conferences
- Round-tables
- Workshops
- Brokerage event
- Exhibition

More information

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