



Ideas for specific vehicles and automotive industry in West France

[A competitive cluster]



French government created
the clusters in 2005

Dedicated to main economic sectors

71 Clusters



[Our mission]

To develop the competitiveness of companies by means of innovation.



[Our territory]



Actors linked to the Vehicle sector on our territory :

900 companies

235 research
laboratories

90 000 jobs

[Our markets]

Automobile



Mobility services



Specific vehicles



Agricultural machinery, off-road vehicles and mobile robotic



[Our strategic business units]

MATERIALS
AND VEHICLES
ARCHITECTURE



VEHICLES AND
INNOVATIVE USES



INTELLIGENCE
OF EMBEDDED
SYSTEMS



ICT AND
SUSTAINABLE
MOBILITY

[Members]

250 members

- CAR MANUFACTURERS
- SMEs
- RESEARCH LABORATORIES
- TRAINING CENTERS

2/3 of companies



[Our services]

R&D Projects

- Detection of projects
- Assisting companies
- Project deployment



INNOVATIVE
AND KEY
PROJECTS

Innovation Unit

- Marketing
- Technology
- Design



FOR SMEs'
COMPETITIVENESS

[Our platforms]

Specific platform for car-body innovation
EXCELCAR

« Living labs » in several cities
for experimentation and market access « Smart city
Alliance »

Support of research centres in users' needs analysis
and acceptability; « GIS ITS »

[Projects]

186 funded projects (60% of projects funded-

Network of EU partners

EU projects and representation

with a global budget of **405** Million euros

500 Partners



Specific actions on freight

- On vehicles:
 - Specifications on future freight vehicles (urban use case), connected and adaptable - Gruau
 - Developemnt of innovative batteries for EV – GRUAU E4V
 - Hybrid vehicles for both passengers and freight (Ellectra vehicle)
 - Innovation for « cold production » for freight vehicles
- On use cases
 - Business model for mixed passenger and freight system (Temix project)
 - Living labs tests for delivery by bike in Rennes
- We are interested in joint R&D, EU projects, experimentation in Italy, cooperation between SMEs

Ellectra vehicle



Soft modes Urban delivery



Urban freight connected vehicle

100 % ÉLECTRIQUE ET 100 % CONFIGURABLE MÉTIER



Follow up of delivery and planning routes

CTRON II DISPOSE EN SÉRIE :

Mode de conduite dédié donnant en instantané à l'utilisateur toutes les informations de propices à l'éco-conduite, à la gestion et à la maintenance du véhicule (consommation - autonomie batterie...).



semble.



Écran configuration.



ge.



Écran défaut.

- De **pneumatiques adaptés** aux véhicules électriques favorisant l'économie d'énergie.
- Du **pack professionnel** regroupant commandes au volant, autoradio UP Connect, écran tactile, bluetooth, lecteur CD.



[Moreover ...]

International

Dream4car

Competences

and training

200 events since 2006

2500 newsletter subscribers

Europe

900 Tweeter followers

Ecosystem of growth

Collaborative tools

Partnerships and social
communities

www.id4car.org

Tel. +33 (0)2 28 44 36 50

isabelle.dussutour@id4car.org



@Pole_ID4CAR