

Clusters in Basse- Normandie



The Regional Council

A local authority (communes, départements, régions)

47 regional councillors and a President :
Laurent Beauvais

Competences :

- Economic development : coordination of economic development activities
- Development of transport network and infrastructures management
- Education and training : responsibility of secondary schools, vocational training for workers and applicants



Connecting cities
Building successes



OESiMeC
Economic Strategies and Innovation in
Medium sized Cities



The Economic Direction

Budget (in 2011) : 47 M €

Departments :

- Research and innovation
- Companies development
- Tourism
- Social economy



Connecting cities
Building successes



Regional R & D clusters

Main sectors and related competitiveness clusters

- Automotiv cluster MOV'EO : Clean and safe transport for the future
- Hightechnology cluster : Electronic Secured Transactions "T.E.S"
- Agribusiness cluster : VALORIAL : Future food
- Equine cluster : HIPPOLIA
- Maritime cluster "Mer Bretagne" in partnership with Brittany



Connecting cities
Building successes



Regional industrial clusters

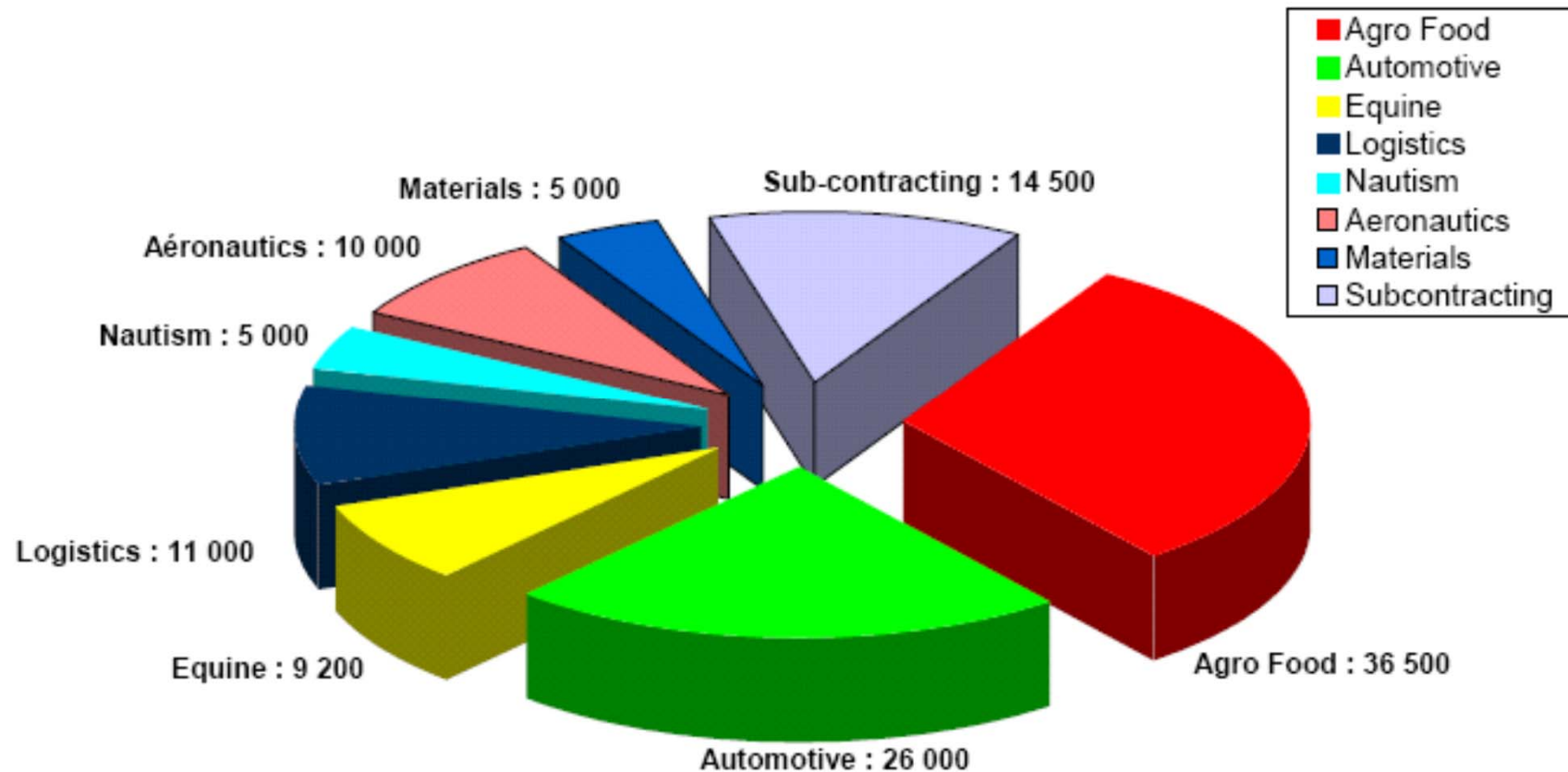
- **ANEA** : food industries (milk, meat and seafood products)
- **FCL** : transport and warehousing
- **F2N** : Yatching (shipbuilding, maintenance and services)
- **Normandie Aerospace** : aeronautics
- **Polymers technologies** : plastic manufacturing and innovation
- **NUCLEOPOLIS** : applications in nuclear sciences (health and energy)



Connecting cities
Building successes



Employment figures in Basse-Normandie



Connecting cities
Building successes



ESIMeC
Economic Strategies and Innovation in
Medium sized Cities



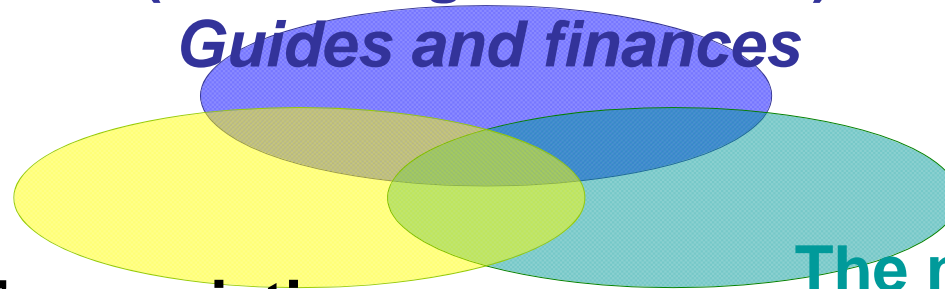
Organisation of regional industry and R&D clusters

3 groups of actors
in synergy...

Public Sector partners
(Financing Committee)
Guides and finances

Entrepreneurs' associations
Decides and implements

The network of actors
(Strategic Committee)
Advises and supports



Connecting cities
Building successes



 **ESIMeC**
Economic Strategies and Innovation in
Medium sized Cities



New regional strategy of clusters

Main fact : 6 clusters supported in 2006, 14 in 2010

New aims :

1/ specify the objectives of the economic policy and major components and the role between the regional Council and the regional development agency (MIRIADE)

2/ train teams in clusters : support by MIRIADE, specialized training (France Cluster) and connexion to cluster network



Connecting cities
Building successes



MOV'EO

➤ Key figures

- 346 members in industry research, automotive and transport
- More than 260 innovating projects supported

➤ Main activities

- Energy and engine
- Ecomaterials
- Mobility and road safety
- Internationalization : Austria, Sweden, Germany, Japan, US



Connecting cities
Building successes



TES

➤ Key figures

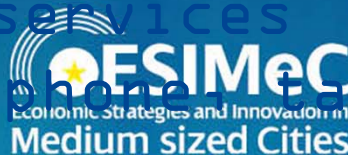
- More than 110 members, 60% of them are private companies 103 projects developed and implemented
- Caen, the leader in mobile contactless technology, cradle of NFC (Near Field Communication)

➤ Main activities

- Mobility and Contactless technology ("Pegasus", "Pay mobile", "Ulysse" (mobile ticket sales service))
- innovative and independent platform for downloading services on all mobile support mediums (e-phone, tablet computers...)



Connecting cities
Building successes



VALORIAL

Partnership with Bretagne and Pays de la Loire

➤ Key figures

- 260 members, 200 innovating projects supported

➤ Main activities

- help innovative projects between research and industry in the food processing industry from production through consumption :

- New-food technologies
- new adapted ingredients
- Microbiology



Connecting cities
Building successes



HIPPOLIA

➤ Key figures

- 85 members : private firms and services, research and training centres
- more than 60 innovating projects supported

➤ Main activities

- Research and development
- Training and employment
- International development : cluster partnership with US, Kentucky, Lexington, european networks



Connecting cities
Building successes



MER BRETAGNE

Partnership with Bretagne and Pays de la Loire

➤ Key figures

- 350 members, more than 100 innovating projects supported

➤ Main economic activities represented

- Safety and security
- Ship building
- marine renewable energy
- Biological marine resources
- environment and coastal development plan



Connecting cities
Building successes



ANEA

➤ Key figures

- 36 500 jobs in agribusiness, turnover of 7 billion of €
- the Basse-Normandie is the first agricultural region of France

➤ Main activities

- federate 150 production units of the food industry and coordinates their collective effort for improving economic, social and environmental performances
- develop collective projects in the areas of supply chain management, research and development, training



Connecting cities
Building successes



FCL

➤ Key figures :

- More than 120 members, 74 million of T of warehouse

➤ Main economic activities represented :

- Transport and logistics
- Production and support services for logistics
- Logistic function in industry and distribution, trading

➤ Strategic plan :

- promote the knowledge and know-how of local actors to create new markets and new



Connecting cities
Building successes



F2N

➤ Key figures

- 470 km of coastline, 18 fishing ports, 31 ports and boat stations, more than 7 000 jobs in maritime activities

➤ Main economic activities represented

- Leisure boats, fishing boats and offshore service boats : building, maintenance, equipment and ship handlers
- “Grande plaisance” : big yachts, cruise, boat renting and tourism

➤ Main objectives

- contribute to the development of port infrastructures
- promote innovation for services and “ship for the future”



Connecting cities
Building successes



NAE

➤ Key figures

- More than 80 members in aeronautic, spatial, defense and safety, 36 500 jobs in Basse-Normandie, 2 billion € of turnover
- The Basse-Normandie is the third aeronautic and spatial region in France

➤ Main activities

- Support research and new technologies
- Communication and promotion in France and abroad



Connecting cities
Building successes



Polymers technologies

➤ Key figures

- 104 companies, more than 5 000 jobs in plastic processing industry, 2 research and development clusters : Université de Caen and ENSICAEN (68 researchers) and ISPA in Alençon (8 researchers)

➤ Main activities

- Develop plastic processing industry with research and development, innovation and research and innovation centers (ISPA)
- Adopt a sustainable development attitude (ecomaterials, composites...)



Connecting cities
Building successes



NUCLEOPOLIS

➤ Key figures

- 10 000 jobs, 50 members, industrial worldwide companies (EDF, AREVA La Hague, DCNS...)

➤ Main objective

- to make the Basse-Normandie an european leader in nuclear sciences in using skills and know-how of companies, training and regional research

➤ Main subjects :

health, energy and materials, environmental



Connecting cities
Building successes



THANK YOU FOR YOUR ATTENTION

