

The regional innovation eco-system

- Some key figures about the Northern France region;
- The Regional Innovation Strategy (RIS);
- "J'innove en Nord-Pas de Calais" network;
- Nord France Innovation Développement.

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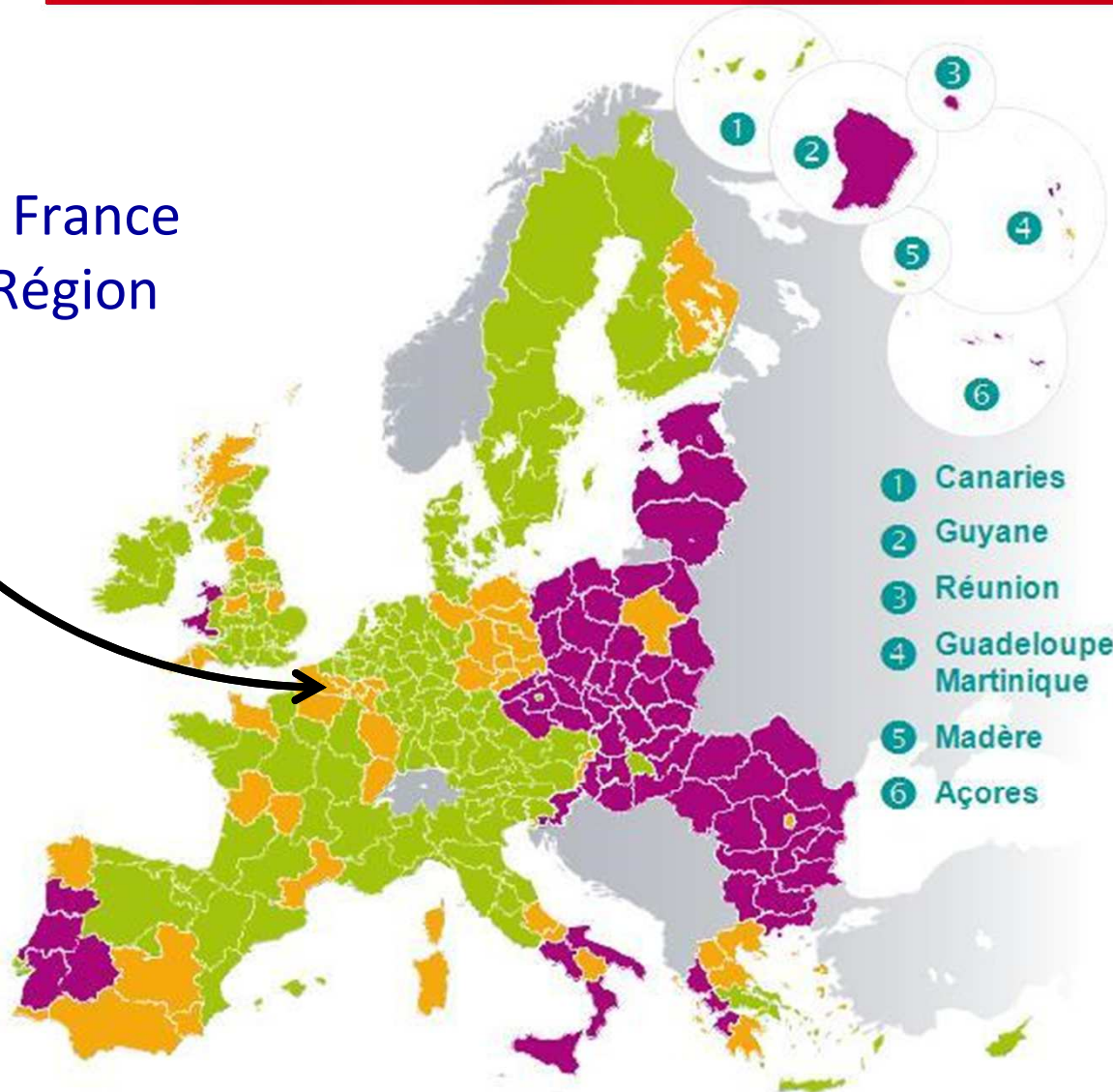


The Northern France region in some figures

Northern France
The Lille Région

PIB/inhabitant

- < 75 %
- 75-90 %
- > 90 %



- ① Canaries
- ② Guyane
- ③ Réunion
- ④ Guadeloupe/ Martinique
- ⑤ Madère
- ⑥ Açores

The Northern France region in some figures

- 】 GDP 86 billion Euros;
- 】 14 clusters of economic excellence, 7 competitiveness clusters
- 】 As compared to the rest of France:
 - 1st automotive, railway and mechanical engineering region;
 - 2nd advanced technical textiles, graphical industry, paper and cardboard region;
 - 3rd plastics region;
 - 4th agro-food region;
 - 3rd region in terms of competitiveness clusters (7 clusters) ;
 - 3rd numeric picturing region

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Some key figures

- 160 000 students
- 4600 researchers and teaching-researchers
- 300 public and private research labs
- 3 000 PhD students
- 1 800 masters per year in research
- 5,6 % of national patents
- 6 public universities / 1 private university
- 28 graduate schools of engineering and management



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A political willingness to change :

- 1998 RITTS
- 2000 Regional Program for Innovation and Research Valorisation
- 2003 first innovation portal for SME's : www.jinnove.com
- **2006 Regional Scheme for Economical Development (RSED) driven by regional Council**
- 2008 moving technological network to innovation network "J'innove en Nord-Pas de Calais";
- **2009 Regional Innovation Strategy (RIS) in the frame of the RSED**
- **2013 Research and Innovation Strategy for a smart specialisation**

Still processing...

6 strategic fields:

- *Transport and Eco-Mobility*
- *Health and nutrition*
- *Ambient intelligence and Internet of things*
- *Chimical, Materials, Recycling*
- *Numeric picturing and creative industries*
- *Energy*

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7 specialities :

- *Railway Infrastructures*
- *Natural Ingredients to health referred*
- *The development and promotion of sustainable water resources*
- *Trade or the future: towards new forms of exchange and consumption*
- *Organic Textiles, polymers and composites*
- *Design and applications of biobased products*
- *Development of components and high current electrical channels*

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6 axes of transversal engagements:

- Changing regional practices for more entrepreneurship;
- Integrate the sustainable development issues for a new model of development;
- Innovation by and for services;
- Attract investment "technology-intensive" and change the image of the region;
- Better support and fund innovation;
- Strengthen the capacity of regional research and valorisation practices;
- Strengthen partnerships with excellent resources to other European regions;

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■ The network of regional stakeholders for innovation and research valorisation:

- *Competitvity clusters;*
- *Clusters of excellence;*
- *General support structures;*
- *Research organisations, universities, graduate schools;*
- *Technology ressource centres;*
- *Support structures for business creation, incubators;*
- *Funding structures (OSEO).*

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The competitiveness clusters

Aquimer, I-Trans, MAUD, NSL, PICOM, Team², Up-Tex



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The excellence clusters

- *Agro-food*
- *Automotive*
- *wood*
- *Construction*
- *Eco-activities*
- *Energy*
- *railway*
- *Images*
- *Logistics*
- *Mechanical engineering*
- *Plastics*
- *health*
- *Textile*
- *Ambient intelligence*

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ASTRIDE
www.astride.fr

	Involved clusters
Transport and Eco-Mobility	ITRANS , Pôle Automobile, Pôle Ferroviaire, Pôle Mécanique, Pôle Logistique, Pôle Ubiquitaire
Health and nutrition	AQUIMER, NSL , Pôle Agroalimentaire, Pôle Santé
Ambient intelligence and Internet of things	PICOM , Pôle Ubiquitaire, Pôle Logistique
Chemical, Materials, Recycling	MAUD, UPTEX, TEAM2 , Pôle Plasturgie, Pôle Textile, Pôle Bois, Pôle BTP, Pôle Eco-activités, Pôle Mécanique
Numeric picturing and creative industries	Pôle Image, Pôle Ubiquitaire, PRN, Pôle Textile
Energy	Pôle Energie, Pôle Eco-activités, Pôle Mécanique, Pôle Bois, Pôle BTP

Strategic fields & equipments

	Equipments
Transport and Eco-Mobility	IRT Railenium, CISIT, Programme Logistique Transport Massifié
Health and nutrition	Centre de R&D Purifunction, Plate-forme Nouvelles Vagues, Adrianor
Ambient intelligence and Internet of things	CITC-EuraRFID, Shopping Innovation Lab, Inria Nord Europe
Chimical, Materials, Recycling	CETI, IFMAS, Institut des Molécules et de la Matière Condensée de Lille
Numeric picturing and creative industries	IMAGINARIUM, Shopping Innovation Lab
Energy	INNOCOLD, Plateforme LumiWatt, Terminal méthanier