



IMPROVE

Interreg Europe



European Union
European Regional
Development Fund

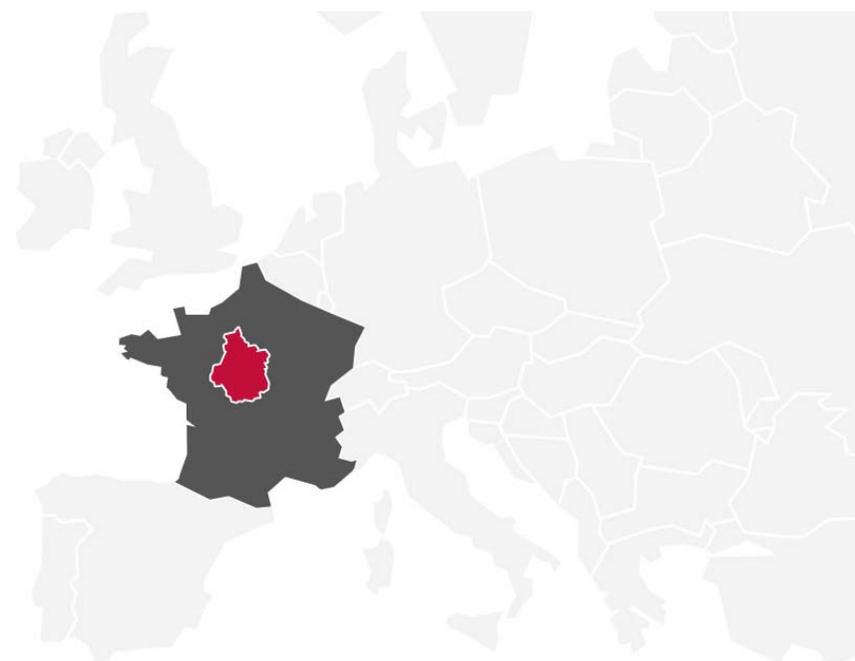
Centre-Val de Loire and Dev'up presentation

Nathalie Boulanger

Head of Department, European Policies & Innovation

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Brief presentation of the Centre-Val de Loire Region

Territorial context

Facts and Figures

2.5 millions
inhabitants

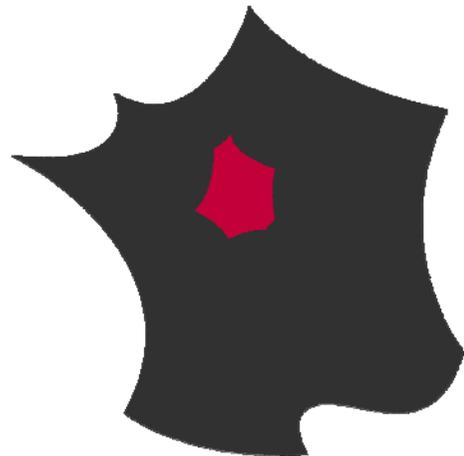
4% share of the
population

1h
from Paris

9 motorways

25 million
consumers within a radius of **2h**

GDP per capita **€26,706**



280 km inscribed on the **Unesco** World
Heritage List

9 million
visitors per year

**+
than 500**
foreign companies in situ

3rd largest French region in terms
of **employment in industry**

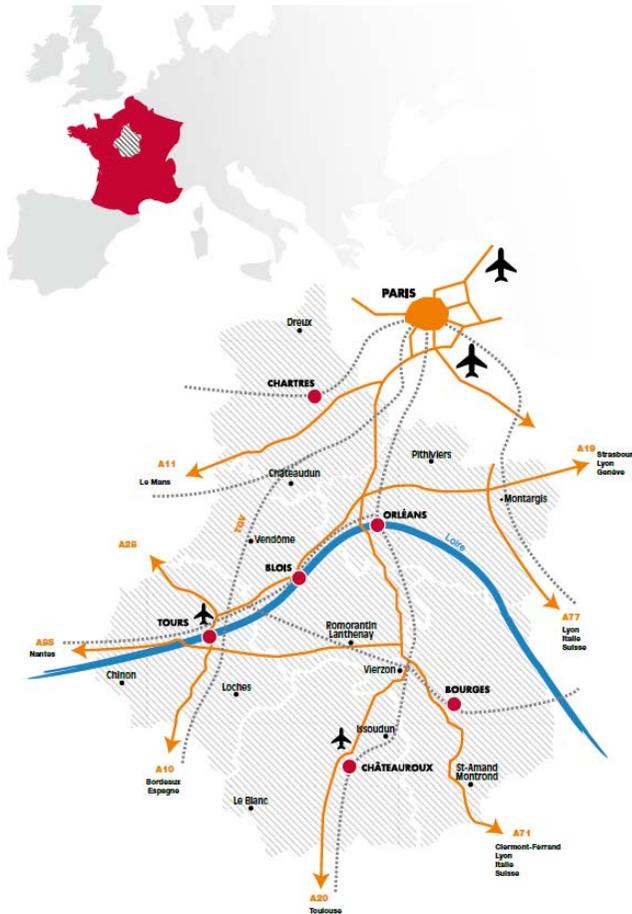
3rd largest French **wine** region

the leading cereal region in
France and Europe

19.2% of regional value
added achieved by the industry
(16.2% in France)

An industrial région

► Addressing the industrial transition



Leading industrial sectors

- A steadfastly industrial territory, the Centre-Loire Valley is positioned as one of France's leading regions in many sectors: **production of cosmetics and medicines, aerospace subcontracting, plastic packaging and processing, industrial rubber ...**
- **The Centre-Val de Loire RDI ecosystem is dominated by private research (firms represents 75% of GERD) and by a high concentration of research in a small number of SMEs, generally in medium or even low technology sectors.**
- **For our region, the industry transition is one of the top priorities.** To achieve this objective, Centre-Val de Loire continuously seeks to **boost regional innovation capacity.**

With a good R&D capacity

A lot of organisations support regional companies in the development of their innovative projects.

R&D serving companies

- Presence of **64 public research facilities**, several of which are internationally recognised: INSERM (medical), INRA (agronomy), CNRS (energy, electronics), BRGM (geology)...
- **A powerful private research sector**: 75 % of total R&D expenditure
- **Different research subjects**: energy consumption in buildings, smart grids, environmental engineering and geosciences, bio-medicines, energy storage, sensors and automatism, additive manufacturing, elastomers ...

18 centres
of competitiveness
and clusters

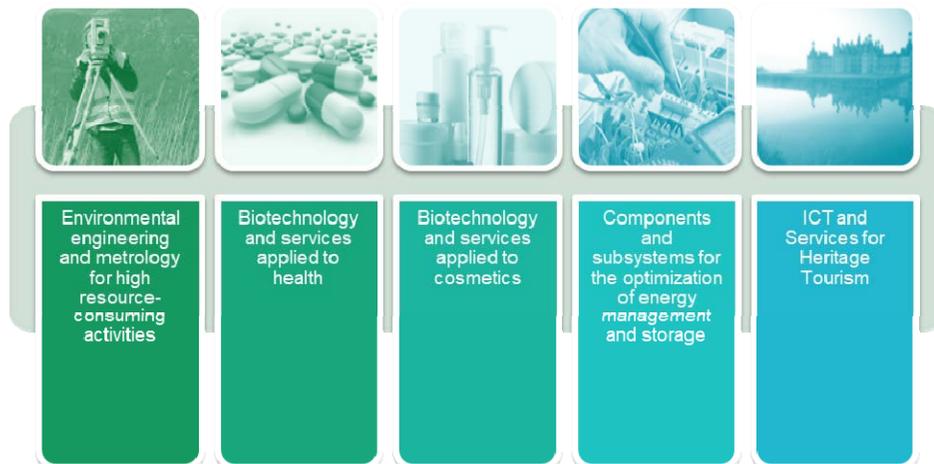
Cosmetic Valley / Science of beauty and well-being
DREAM / Sustainability of water resources associated with the environment
S2E2 / Smart Electricity Cluster
Viaméca / Mechanics

Atlanpôle Biothérapies / Biotech
EMC2 / Production technologies
Elastopôle / Rubber
Pôle Européen de la Céramique / Ceramics
Végépolys / plant cultivation...

...but which needs to strengthen its capacity for innovation

- ▶ increasing the critical mass, the visibility and the attractiveness of the (public and private) RDI competence centers in the 5 priorities retained in the Centre-Val de Loire RIS3.

CVL RIS3 priorities



From the **mid term-evaluation** of the RIS3 in our region and from the conclusions of the **study on Higher Education for Smart Specialisation** carried out by the JRC, we estimate that **the regional ecosystem needs**:

- To strengthen the regional companies' innovation and technology capacities,
- To reinforce partnerships between public research and business,
- To encourage internationalisation of the companies and of the competence centres
- To adjust the human capital to the development needs of the entrepreneurs in the RIS3 priorities

Our RDI key challenges

What do we intend to improve?

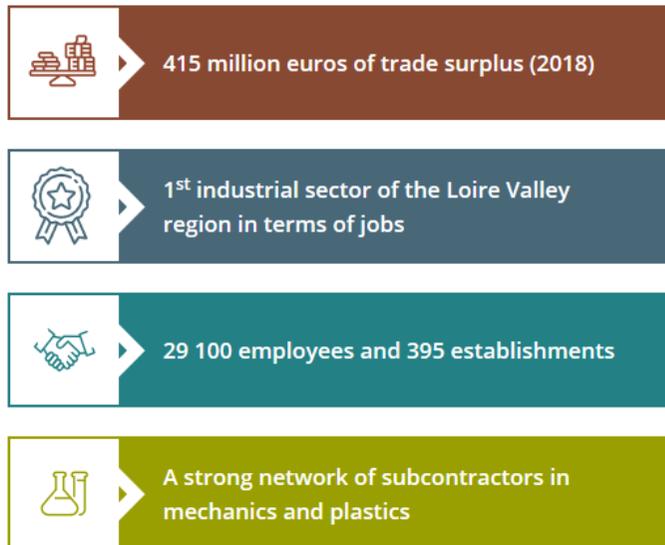


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Our key sectors

Car industry



Main activities in term of jobs

Metalwork (50,7 %), Rubber and Plastics (20,9 %), Electricity-Electronics (8,2 %), Bodywork and Trailer (5,1 %), Data Processing, Engineering-Metrology (5,1 %), Equipment and Moulding (5,1 %), Other Activities (4,9 %).

Elastopôle,

A dedicated cluster on new materials studies in a sustainable approach, comfort and security to customers.
A priority target: mobility of the future

Research and developments subjects

Material and structures - energy, powertrain and propulsion - electronics and communication

Aeronautics and defence



A leading role for aero sub-contracting in a wide range of activities

Aérocentre

A dedicated cluster supporting collaboration and innovation, coordinating a national supply chain performance and improvement program and supporting think tanks and collective intelligence units

Dedicated Research and technique centers

Cermel: R&D center for Elastomer material, elastomer durability and resistance study

CETIM: Prototyping, defect analysis of workpieces, metrology, welding

CNRS ICARE: energy and alternative fuel studies, space propulsion

CEA LE RIPAULT : Material and microstructure lab Thermal and mechanical studies in temperature and pression in extreme conditions

Cresitt : regional center for electronic applications dedicated to aeronautics

Our key sectors

Pharmaceuticals



Polepharma

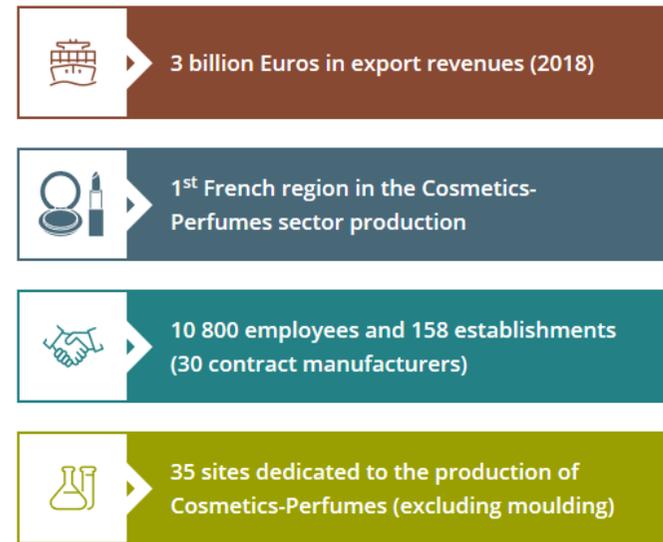
A dedicated inter-regional pharma cluster

- 1st pharmaceutical alliance in Europe
- 53 % of French drug production
- 300 members laboratories, suppliers, manufacturers, public and private institutions, universities, training and research centers...

An expertise in Implantable medical devices expertise
Medical equipment specialisation 3, 164 jobs.

63 companies (orthopaedic, ophthalmic, dental), hospital equipment (IRM, scanners, beds, incubators...) and measurement devices (tensiometer, audiometer...).

Cosmetics and perfumes



Cosmetic Valley: The world's leading perfumery cosmetics network.

Designated a competitiveness cluster by the State in 2005, its role is to support industrials from the perfumery cosmetics sector

International House of Cosmetics in Chartres

The International House of Cosmetics will address the general public to allow him to discover the world of cosmetics through exhibitions and events.

A digital economy which is blooming

- In the heart of the French Tech Loire Valley, an ecosystem beneficial to the development of digital and/or innovative companies, important e-commerce players and various start-ups, the Centre-Loire Valley region is renowned for its dynamism in its digital pool of expertise.
- Innovative and entrepreneurial, the Centre-Loire Valley relies on recognized axes of excellence in the following subjects: connected objects, custom-made industry, agriculture 3.0, eco-technology, e-tourism, social innovation ... These specialties make the Centre-Loire Valley a region strengthened by its diversity and complementarities.
- Some great innovations have already emanated from the region: Mac Donald's terminals, Linky electricity meters, Monéo payment system etc.
- 2 digital hubs: "MAME" in Tours, le Lab'O in Orléans accommodate digital players (Companies, start-ups, associations, project promoters, webschool...)
- Les champs du possible, an incubator dedicated to projects related to E-Agriculture
- 1 private incubator: Pentalabbs, an offshoot of the company Pentalog in Orléans





Brief presentation of DEV'UP

DEV'UP, who are we?

A new collective commitment

- DEV'UP Centre-Val de Loire is a **1901 law association** created in 2017 and co-financed by the State, the Centre-Val de Loire Region and the European Union.
- **Its purpose is to support regional companies and territories in their economic development strategy.**
- The governance and constitution of DEV'UP are based on an **unprecedented collective commitment between all the economic players in the Centre-Val de Loire.**
- From the Region to the inter-municipalities, through the two cities (Orléans and Tours), the consular chambers, the State services, the financial institutions, the competitiveness clusters and the university network, **all contributed to the development of the DEV'UP agency and will be represented in its general assembly.**

A local presence on the regional territory



47 employees
6 departmental branches
€ 8.8 million budget

DEV'UP, who are we?

Economic development agency in the Centre-Loire Valley region

- Created on the 1st of January 2017, DEV'UP focuses on employment and support for companies and territories.
Its main missions are:
 - supporting business development
 - promoting and marketing the area
 - attracting employment, innovation and digital development in the Centre-Loire Valley region



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DEV'UP, who are we?

The Project Partner

The team mainly involved in IMPROVE Project



Frederic Pinna
Director



Nathalie Boulanger
Head of Department, European
Policies & Innovation



IMPROVE

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Thank you!

Questions welcome
