



**InnoHEIs**  
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European Union  
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# Dev'up and Centre-Val de Loire RIS3 presentation

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# Project Partner Brief description : DEV'UP

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47 employees  
6 local offices  
€ 8.8 million  
budget



### 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.**

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### The Economic development agency's main missions :

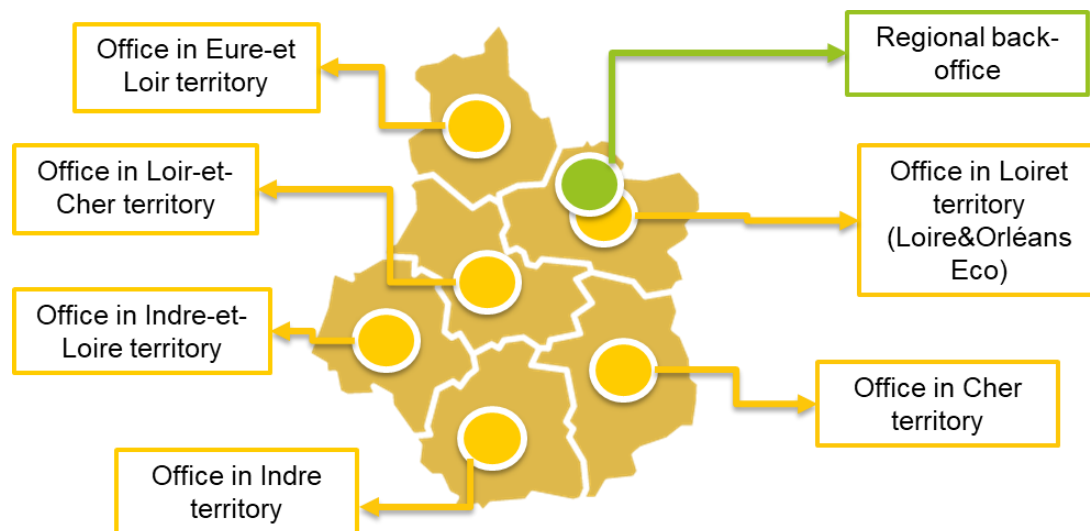
- **To support the business development** (Information, Intermediation, Personalized support, Search for partners and resources)
- **To promote the area** (Enhancing regional economic assets, Prospecting, Detection and capture of investment projects, Welcoming potential investors, Promotion of the region in France and abroad)
- *To coordinate the economic development ecosystem* (To stimulate the territory in favour of economic development, Coordinate the network of actors, Inform and train economic developers)
- **To provide studies and economic observation**
- **To foster employment, innovation, internationalisation and digital development in the Centre-Val de Loire.**

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## A local presence on the regional territory





Policy instrument addressed :  
Centre-Val de Loire ERDF OP  
(axis1)

## Policy instrument addressed : Centre-Val de Loire ERDF OP (axis 1)

- 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.



**Policy instrument addressed : Centre-Val de Loire ERDF OP (axis 1)**

**Both ERDF OP and RIS3 objectives are to increase 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.**



Environmental engineering and metrology for high resource-consuming activities



Biotechnology and services applied to health



Biotechnology and services applied to cosmetics



Components and subsystems for the optimization of energy management and storage



ICT and Services for Heritage Tourism



## Policy instrument addressed : Centre-Val de Loire ERDF OP (axis 1)

### ERDF OP of the region Centre Val de Loire - Axe 1 Knowledge society

- The objectives:
  - to increase by 2023 the share of domestic business R&D expenditure in GDP to 1.44% (compared to 1.25% in 2011) and
  - the share of research personnel in the working population to 1.32% (compared to 0.95% in 2011).
- The budget: €31.7 million over the period 2014-2020.

**Action 1 - Research investments in the RIS3 priorities**

**Action 2 - Research programmes and projects in the RIS3 priorities**





JRC TECHNICAL REPORTS

Higher Education for Smart Specialisation:  
The Case of Centre-Val de Loire, France

Edurne Arregui-Pabollat, John  
Edwards, Jean-Marie Rousseau  
October 2018

EUR 29457 EN

State of the play of the issue  
addressed by the policy instrument

# State of the play of the issue addressed by the policy instrument

## Conclusions and policy recommendations from the report “Higher Education for Smart Specialisation: The Case of Centre-Val de Loire, France” made by the JRC in 2019

### Strengths

- The universities **have a strong potential to contribute to smart specialisation** because of
  - **Their relative importance as regional institutions** and
  - **Their good relations** with the regional authorities and its agency responsible for smart specialisation.
- **Professional learning platforms that are viable with different business models:**
  - **Public-private Partnerships** (Supchad driven by CETIM CVL, machining platform driven by CIMI)
  - **Commercial activity** (IMT, the expert training institute for pharmaceutical, cosmetic and biotechnology industries)
- While **Research and learning academic platforms** are mainly turned on both experimental research and higher education

### Weaknesses

- The reason why the HEIs have focused on their research contribution to smart specialization, is that the **associated funding programs of the European Structural Funds have not included projects related to teaching and wider knowledge sharing activities**. France as a whole has programmed very little of the European Social Fund to innovation and the **European Regional Development Fund cannot fund training**.
- While the regional S3 stresses the importance of human capital as a horizontal priority, **the policy mix does not include any specific measures in the RIS3 priorities and the HEIs were not consulted on how they may contribute to the human capital in the RIS3 priorities**.
- Le Studium has allowed the region to attract international researchers, but there has been less success in their retention. Furthermore, there are less **structured efforts to attract and retain graduates from outside the region**.

# State of the play of the issue addressed by the policy instrument

## Conclusions and policy recommendations from the report “Higher Education for Smart Specialisation: The Case of Centre-Val de Loire, France” made by the JRC in 2019

### Opportunities

- There are well-designed funding instruments :
  - The grant program “**Ambition Research Development**” from the Region that has an annual budget of M€ 10 since 2014.
  - The **Academic call for R&D projects** with grants to academic applicants under 2 conditions:
    - projects actually linked with RIS3 priorities
    - a real partnership with companies (SMEs, Large companies).
  - The **FESI funds** for the research infrastructures and projects related to regional specialization that have a budget of M€ 60 from 2014 to 2020.
- Making the most of the recent changes introduced to the national HE system **that give more autonomy to HEIs while at the same time encouraging a more territorial vision.**
  - **creation of COMUE** composed of academic representatives **which make a formal agreements with the national government on regional needs.**
  - regional authorities are now asked to define a **Regional Plan for Higher Education, Research and Education in close liaison with the HEIs, linked to other territorial strategies.**

### Threats

- The national level competences in higher education, which manages the core HE financial resources, **limits the means of the regional level to promote certain initiatives.**
- **Lack of attractiveness** of the Centre-Val de Loire region for executives and students

## Policy instrument : what do we intend to improve?



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**

## Policy instrument : what do we intend to improve?

Our aim is to build innovation capabilities by strengthening the role of HEIs in regional partnerships.

- We need to better involve the HEIs in the coordination of the ecosystem of each RIS3 priorities.
- Acting like this, we hope to support **HEIs** in order they align their functions of human capital development with S3 priorities and better contribute to S3 implementation.



# What are our expectations towards InnoHEIs consortium?

-> to identify good practices in terms of

- **Higher Education and industry collaborations** in terms of research, training and human resource projects
- **Business partnerships between HEIs and companies** (service offering, business model of platforms, ...)
- **Local governance modalities** for networking, investment specialisation, equipment monitoring

# What are our expectations towards InnoHEIs consortium?

## Regarding to the Public-private Partnership:

- **Gather feedback from the platforms implemented:**
  - Legal set-up proposed
  - Ranges of services (types, prices) sold
  - Business model (free/subsidized price/fair market price)
  - Activity model: what is the share between research and commercial activities?

## Regarding to the collaborations between higher education and platforms:

- **Identify the benefits of these partnerships:**

### For higher education

- elaborate new training programs, internships, practical laboratory works on manufacturing issues, increase relationship with enterprises to set up applied research projects

### For industry

- To offer them access to valuable research skills, train their employees with experimental equipment, develop collaborative research projects with PhD and researcher





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# Thank you!

Questions welcome



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