

➤ SI Doctorat INRAE: collecting data to build policies and distribute opportunities

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> A glimpse of Higher Education and Research in France

French research policy is conducted by the **Ministry for Higher Education and Research**.

It defines the main **orientations** and allocates **resources**.

- **Public Research is conducted by operators**
 - **Universities and other HEI** => **enroll and graduate students**, including doctoral candidates
 - **Research bodies** (**INRAE**) => **host and supervise**, but don't enroll students/doctoral candidates
 - **Other** types of institutions also play a role (ex.: competitiveness clusters, scientific cooperation foundations)
- **Research units**, different types:
 - Specific to a single operator
 - Joint : common to two or more operators and/or HEI





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National Research Institute for Agriculture, Food and the Environment
Started in January 2020, through the merger of INRA and Irstea



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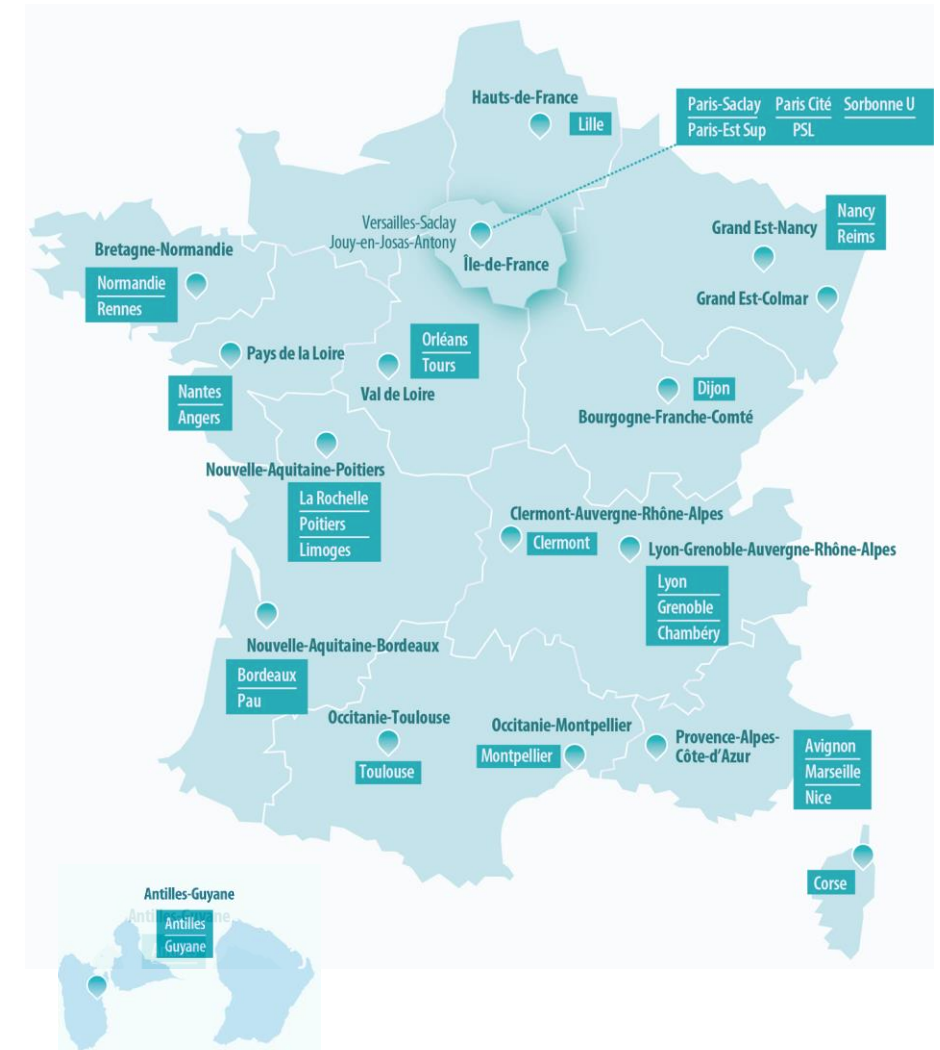


INRAE

SI Doctorat INRAE - EUA-CDE, Barcelona 26-28 June 2024

> INRAE

- Community of 12,000 people
- 18 research centers & 14 scientific divisions
- INRAE present on 34 university sites
- 273 research, experimental research and support units
- A significant portion of joint research units => strong links with HEI
- Policy & Action plan : Involvement in Higher Education
- Doctoral Education Strategy: the Doctorate as a major focus & transversal object; Research based Education
- INRAE is connected with
 - 90 doctoral schools
 - 40 HEI authorised to award the Doctorate
- INRAE hosts **about 2 500 doctoral candidates** (30% under contract with the Institute)



➤ SI Doctorat INRAE project

WHAT?

SI Doctorat INRAE is:

- A response to an identified internal need
- An information system that consolidates data on doctoral candidates hosted in joint INRAE-HEI research units
- An action of INRAE's doctoral education policy
- Part of an action plan regarding INRAE's involvement in higher education, launched in 2022

WHY?

- A response to an identified internal need
- Offer ever-improved support for DC

HOW?

- **Data transfer** from ADUM and AMETHIS, in order to avoid multiple data entries and simplify processes
- **Parallel tasks:**
 - technical, functional, **legal (particularly related to GDPR), and political (relations with academic partners)**

The transfer of data INRAE requires:

- The agreement of the doctoral candidates' enrollment HEI
- The individual consent of each doctoral candidates

⇒ **We implemented:**

- 94% political agreements
- Data transfer agreements with ADUM & AMETHIS
- Internal communication campaign

Categories of collected data:

- Identification data concerning the PhDs
- Data concerning the thesis
- Data concerning the progress of the doctoral « journey »



➤ SI Doctorat INRAE: advantages of the approach

Internally

- INRAE has a database allowing the management of doctoral candidates and their theses
- The system is operational since November 2023

For INRAE's research units, scientific divisions and regional centers:

- Access to a verified information entered by PhDs, validated by enrollment HEI, and automatically transferred to INRAE
- Possibility to complement imported data
- Access to a unique, user-friendly workspace, allowing the gathering and management of information concerning DC and doctoral theses
- Possibility to perform operational reports for management needs
- Possibility to perform pre-formatted institutional reports
- Possibility to send e-mails to doctoral candidates

For doctoral candidates:

Receive useful information about

- Support and training programs offered by INRAE
- Scientific events offer (workshops...) organised by INRAE
- INRAE's financial support for international mobility during the PhD
- Career opportunities

All this without having to re-enter information!

Simplification of processes and data management!



➤ SI Doctorat INRAE: advantages of the approach

Externally

- INRAE is the first national research institute in France to have undertaken such an initiative in coordination with all stakeholders -> an inspiration for others?
- Strengthening ties with partners
- Data sharing among stakeholders of the Doctorate in France
- Hope for data convergence at the national level

➤ SI Doctorat INRAE: key messages

- The development of functionalities follows the political and legal projects which are very important (GDPR)
- The difficulties encountered are ultimately opportunities
- An opportunity to strengthen dialogue with partner HEI and develop relationships around a concrete project
- Mutual trust and shared institutional objectives are the basis of constructive exchanges

SI Doctorat INRAE is a rich and inspiring institutional experience showing that beyond the challenges, positive impacts can be noted at various levels: individual, institutional and inter-institutional



THANK YOU!



Open discussion

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