



SWG AKIS

Strategic Working Group on Agricultural Knowledge and Innovation Systems

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FRANCE

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1.A) Characteristics of the French AKIS

- French AKIS is characterized by :
 - An AKIS system strongly structured by sectors (Coops)
 - Some strong research (INRA), applied research (ACTA) and advisory systems (Chambers of Agriculture + private) actors
 - Strong agricultural education system (primary and secondary)
 - Quite a lot of incentive R&I funding from the ministry of Agriculture
 - Some hard & soft Infrastructure improving knowledge flows
- Changes:
 - Regions became managing authorities and fund R&I
 - Regions have more R&I and economic programming capacities
- Barriers & Bottlenecks:
 - Academic research still disconnected from the farming sector (despite major improvement triggered by the EIP)
 - Need to improve the farming sector commitment in soft/hard infrastructure.

1.B) What are the themes of interest nowadays and for the next 10 years in your country?

Different kind of themes: Example of France

- **Sectors:** Livestock, cereals, grapevine, Fruits
- **Cross-cutting/systemic themes:** Agroecology, biomass
- **Technological themes:** Digital, Robotic, Genetic, Biocontrol
- **AKIS themes:** Open Innovation, Economics, Training/education

2) French Infrastructures

Kind of Infrastructure	Names	Places	Sector	Holder	Users	Funders
Research (Lab, processes)		All over France	All + cross-cutting	INRA IRSTEA	<ul style="list-style-type: none"> • Research • Dairy Companies • Technical Institutes 	<ul style="list-style-type: none"> • INRA.. • ERDF • Private
Experimental stations	Around 300 over France	All over France	All + cross-cutting	<ul style="list-style-type: none"> • Technical Institutes • Advisory services • INRA • Coop • Private 	<ul style="list-style-type: none"> • Technical Institutes • Advisory services • INRA • Coops 	<ul style="list-style-type: none"> • Technical Institutes • Advisory services • Region • Projects • Coops
Observatory/ monitoring Networks	Farms Network	All over France	<ul style="list-style-type: none"> • Livestock • Plant sectors 	Farmers	<ul style="list-style-type: none"> • Technical Institutes • Advisory services 	<ul style="list-style-type: none"> • Technical Institutes • Regions • Advisory services
Social media	LinkedIn Facebook		All	<ul style="list-style-type: none"> • Chambers of Agriculture • Technical Institutes 	<ul style="list-style-type: none"> • Technical Institutes • Advisory services • Coop • Farmers 	<ul style="list-style-type: none"> • Chambers of Agriculture • Technical Institutes
Digital Infrastructure	API-AGRO + national portal	No	<ul style="list-style-type: none"> • Livestock • Plant sectors 	ACTA Ministry	All RDI and farming sector	<ul style="list-style-type: none"> • ACTA • Ministry
“Networks”: RMTs / GIS / Living Labs		No location	ALL	ALL	All RDI + education + farming sector	<ul style="list-style-type: none"> • Ministry

3.A) French Interactive Innovation projects

Projects:

1. **CASDAR (IP) Innovation & Partnership:** RDI (RIA) projects involving research, Technical Institutes, Advisory services, Coop, Farmers, SMEs (4 years): 1 call per year / 500 K€ per project
2. **CASDAR (RT) Technological Research:** Innovation Actions projects gathering Research & technical Institutes & SMEs : Taking Risk / Higher TRL (2 or 3 years): 1 call per year / 300 K€ per project
3. **FUI (Ministry of Economics) :** Innovation Actions projects dedicated to “**Pole de compétitivité**” for collaboration between Enterprise and R&I actotrs: (3 or 4 years)1 / 2 calls per year / 500 K€ per project

3.B) French Interactive Innovation Networks

“Networks”:

- 1. 35 RMT: “Joint technological Networks” (Funded by CASDAR)** on cross-cutting themes on i) primary production & ii) Agrifood gathering all **RDI actors + education + farmers + Economics actors**. The networks aim to gather all relevant skills on a cross-cutting issue and are funded for 4 years. (renewal with new RMT & WP).
 - i) a specific Work plan (and related outputs and actions).
 - ii) the aim to generate projects for Casdar IP.
- 2. 30 UMT: “Joint technological Unit” (Funded by Ministry of Research)** : on specific themes (sunflower, water, Spraying, Grapevine Genetics) gathering Research & technical Institutes on **the same place**. (renewal with new RMT & WP).
 - i) A specific work plan (and related outputs and actions).
 - ii) the aim to generate projects for Casdar RT.
- 3. 6 GIS : “Groups of Scientific Interest” organized by sector** (arable – fruit- wine – vegetables) gathering all RDI, economics and public policy actors and funded by INRA (50%) and the other partners.



**THANK YOU FOR YOUR
ATTENTION!**