INVENTORY OF RESEARCH AND INNOVATION INFRASTRUCTURES IMPROVING KNOWLEDGE FLOWS IN THE FIELD OF AGRICULTURE

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OBJECTIVES OF THE STUDY

AIM:

- To map Research & Innovation (soft & hard) **infrastructures** in Europe which **support the flows** of knowledge between multiple actors

- to upgrade their competence and

- To contribute to the generation and the implementation of **interactive innovation** in the broad agricultural field.

MAIN OBJECTIVES:

1. Improve the **integrated approach** within the European agricultural knowledge and innovation systems (AKIS) and the Implementation of the European Innovation Partnership (EIP)

2. Identify the **synergies** between research and innovation infrastructures, including facilities, i.e. AKIS supportive infrastructures
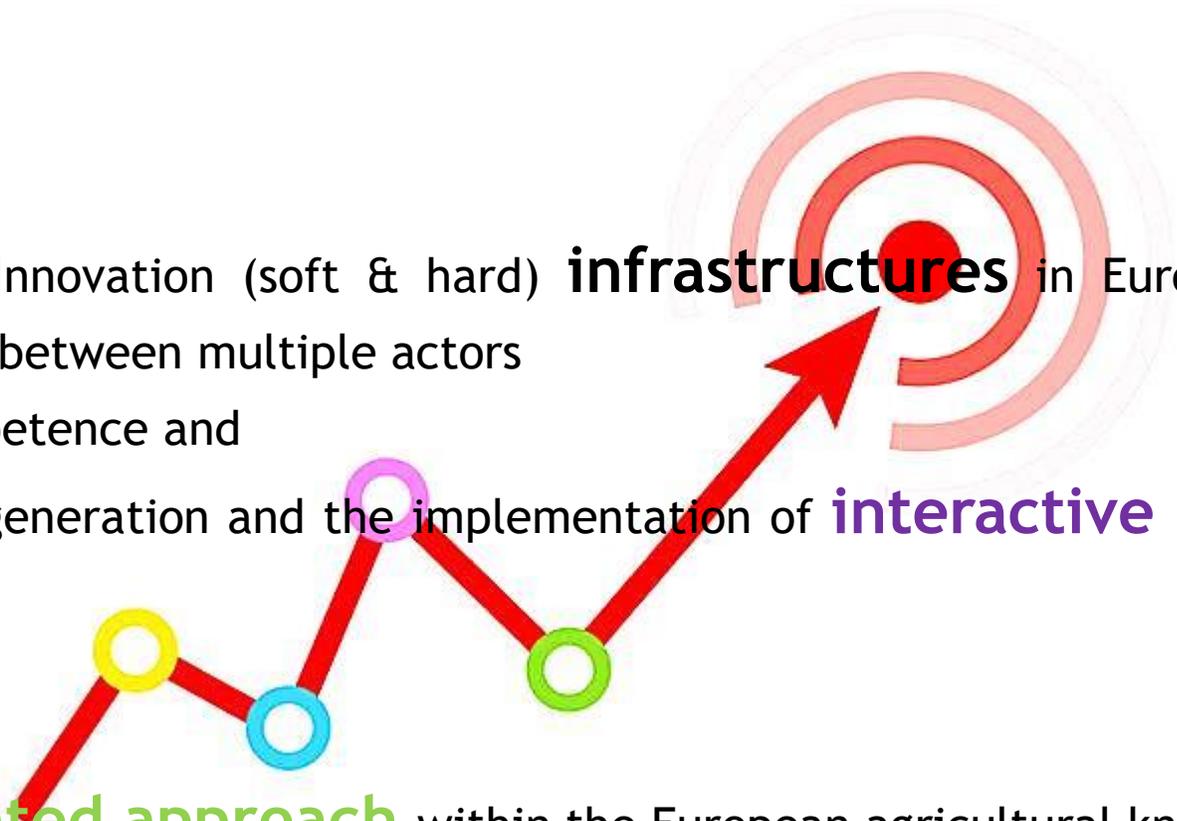
WHAT WE MEAN BY R&I INFRASTRUCTURES

Knowledge development :

*Facilities, **resources and services** used to conduct research and foster innovation:*

- *major scientific equipment (or sets of instruments);*
- *knowledge-based resources such as collections, archives or scientific data;*
- ***e-infrastructures** (computing systems and **communication networks**)*
- *'**single-sited**', '**virtual**' or '**distributed**' Infrastructures*

Flows of knowledge for co-creation, exchange/circulation,
transfer and learning between multiple actors,
to empower and extend innovation in EU agriculture.
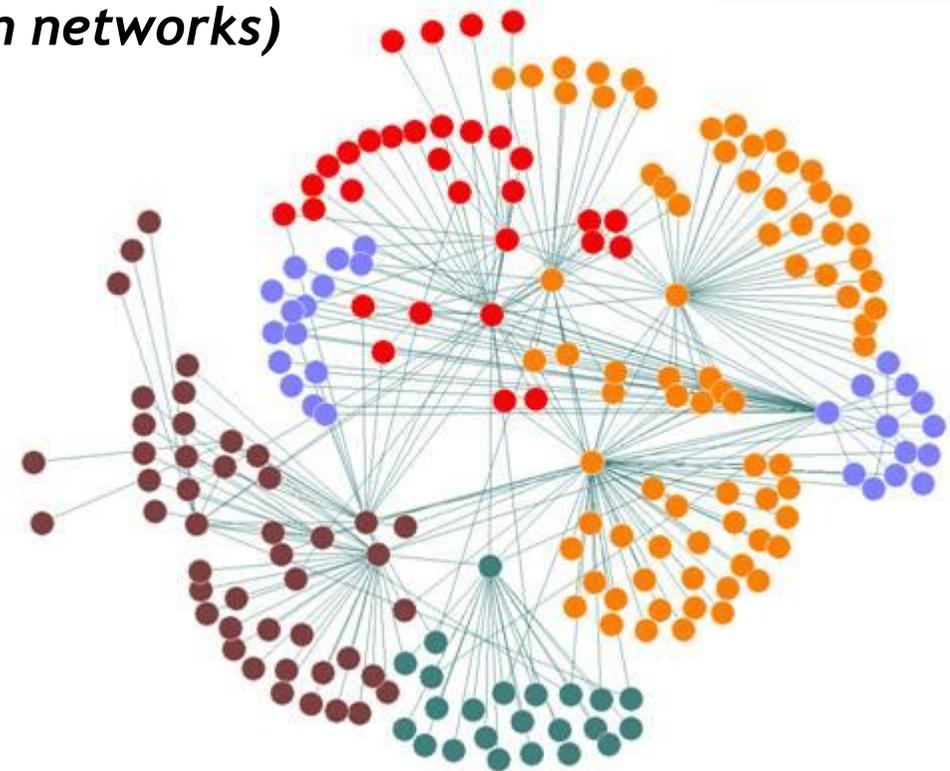
MAIN RESEARCH QUESTIONS

1) Mapping and inventory of existing hard and soft infrastructures:

- *Which knowledge flows and innovation trends*
- *Which active R&I infrastructures and networks*
- *Which instruments, tools and best practices*
- *Which private hard and soft infrastructures*

2) Analysis of existing infrastructures in order to better understand:

- *How similar needs of R&I Initiatives can be matched in order to stimulate exchanging experiences*
- *How can initiatives/research needs with potential which are discontinued in one region/country be picked up by other regions/countries for further exploration and finalization?*
- *Good practices*

RESEARCH METHODOLOGY & DATA

Map of different R&I infrastructures= **inventory** = EU overview

Questionnaires/interviews with relevant actors of the triple helix identified through an **intensity sampling strategy** (best performers)

5 detailed case studies (tbc: Germany, Hungary, Italy, Netherlands, Poland)

Inspired by EU level studies and projects:
IMPRESA, PLAID, ESFRI, SOLINSA, AGRISPIN, PROAKIS, JPI-FACCE, OECD, ...

5 R&I successful and inspiring International **networks**

Case Method as a Training Technique
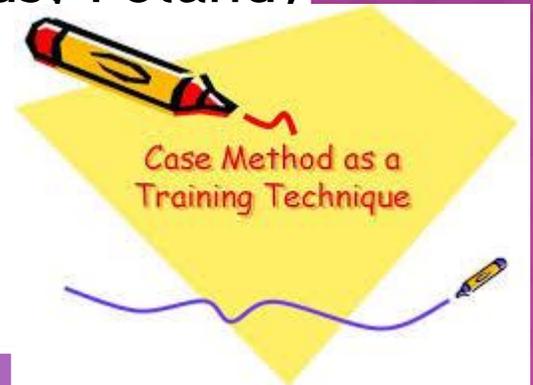
EIP-AGRI, DG RTD databases (CORDA, CORDIS), National Databases ......

OUTCOMES & IMPACTS

- **Inventory** of R&I Infrastruttures (hard and soft)

- **Best practices and tools** that improve knowledge flows among actors and among infrastructures

- **Easier access for R&I actors** to relevant and accurate knowledge that benefits their R&I approaches, at regional, national and EU level

- Operational **advice** for institutions/stakeholders in view of implementing infrastructures supporting an effective EU wide AKIS

- Policy **recommendations**

THANK YOU FOR

SUGGESTIONS

RECCOMENDATIONS

PARTICIPATION !