

RISIS



RESEARCH INFRASTRUCTURE FOR SCIENCE
AND INNOVATION POLICY STUDIES

RISIS Ressources and Access

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What RISIS offers



Accessible **R&I Datasets**, two **Organisation Registers**, ready-made **R&I Indicators**, and supporting **Services** and **Methods**

These resources can be mobilized to address research and policy issues, e.g.

- Investigating the complex relationships between R&D policy and R&D processes and outputs
- Exploring firms' innovation capabilities and their drivers
- Exploring geographical dynamics of knowledge production and innovation
- Identifying R&D actors in policy relevant research fields, and investigate where they are located, and how they are they inter-connected?

- **Firm innovation capabilities** (**CIB**, **VICO** and **CHEETAH**);
- **R&D output oriented datasets** (with publications – **CWTS publication database** -, patents – **IFRIS Patstat** – and R&D projects – **EUPRO**)
- **Public research and higher education** organisations: **RISIS-ETER** (incl. OrgReg)
- **Policy learning** (with **SIPER**, repository of policy evaluations)

These datasets are continuously updated and advanced

Moreover, the RISIS resources include **specialised smaller datasets**, e.g. on research careers (**MORE**, **PROFILE**) or transnational programmes (**JOREP**), and

- **Four new datasets** in development on **public research funding**, **non-academic PhD careers** and **non-technological innovation** (social innovation and trademarks)

Access via the RISIS platform!



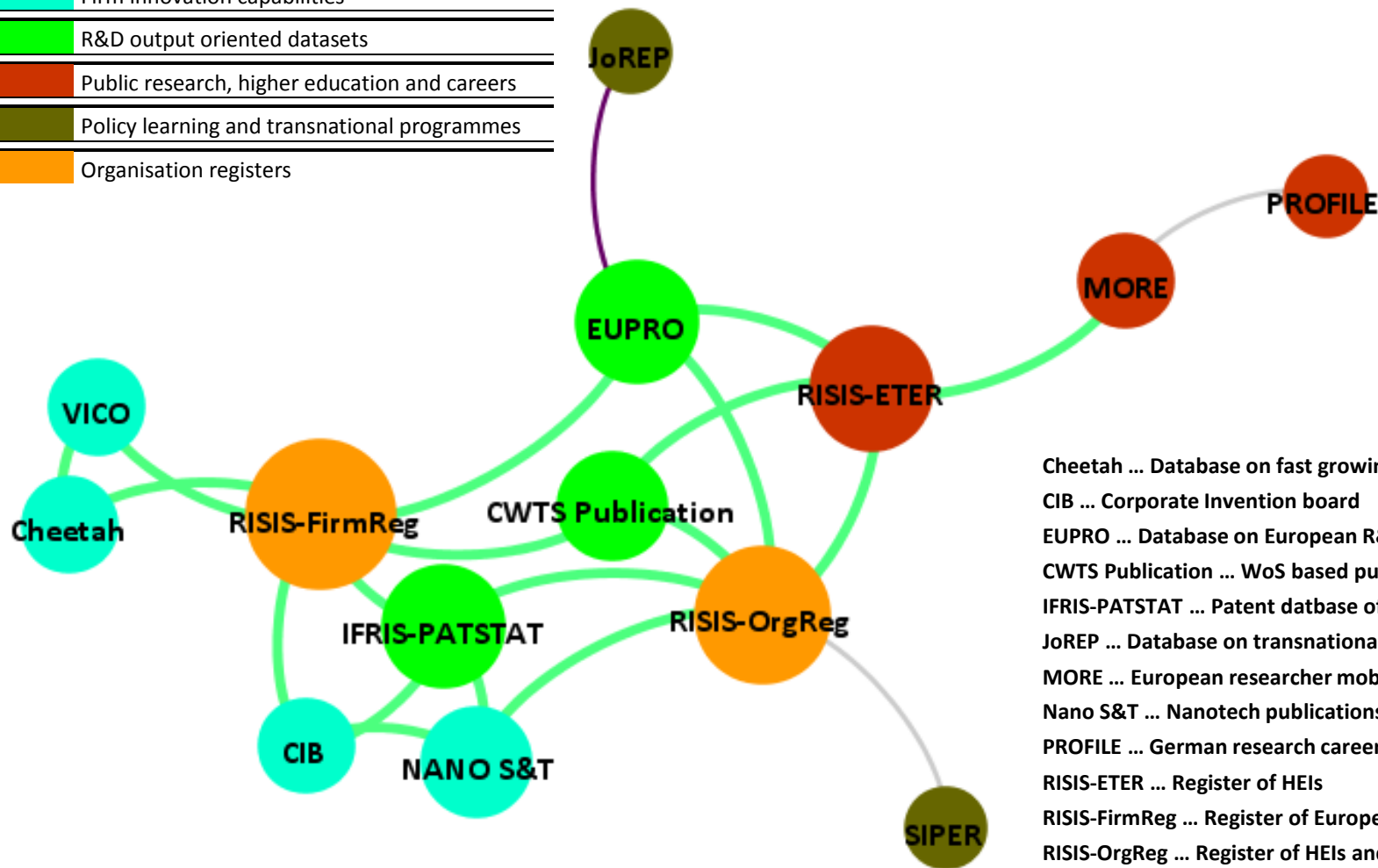
- RISIS datasets are **open** for researchers that pose a relevant research project in the RISIS platform (<https://rcf.risis2.eu/datasets#>)
- We are moving from **physical to distant access**, though keeping the possibility for physical visits (re-imbursed!) to RISIS datasets
- A number of resources (OrgReg, RISIS-ETER, RISIS-KNOWMAK) are already fully on-line.
- From 2020, the **RISIS platform** will allow
 - Direct access to datasets in a user friendly dashboard
 - Dynamic inter-linking of datasets directly in the platform (user projects)
 - Services and analytical tools to investigate RISIS datasets

Linked datasets

RISIS



	Firm innovation capabilities
	R&D output oriented datasets
	Public research, higher education and careers
	Policy learning and transnational programmes
	Organisation registers



- Cheetah ... Database on fast growing firms
- CIB ... Corporate Invention board
- EUPRO ... Database on European R&D projects
- CWTS Publication ... WoS based publication database
- IFRIS-PATSTAT ... Patent database of IFRIS
- JoREP ... Database on transnational programs
- MORE ... European researcher mobility survey
- Nano S&T ... Nanotech publications / patents
- PROFILE ... German research careers
- RISIS-ETER ... Register of HEIs
- RISIS-FirmReg ... Register of European firms
- RISIS-OrgReg ... Register of HEIs and PROs
- SIPER ... Repository of policy evaluations
- VICO ... Database on startups / venture capital

Notes: Dots represent datasets, lines inter-linking between datasets via key identifiers (e.g. organisation id). Size of dots corresponds to the number of links (i.e. direct links to other datasets)

- the central tool for the harmonization of actors in the **public research system**
- Provides a consistent register of
 - public-sector research and higher education organizations,
 - including information on their demography, geographical location and linkages
- OrgReg Ids will be integrated in the main RISIS datasets to allow data integration
- Covers all European countries
- Is available on-line (via RISIS registration)

FirmReg – a European firms register



- In equivalent to OrgReg, FirmReg is the central facility of RISIS providing tools for the harmonization of actors in the **private sector**
- Currently provides a consistent register of
 - Firms coming from three firm-based datasets in RISIS (CIB, VICO and CHEETAH)
 - including information on parent-subsidiaries linkages
- A new release is planned for 2020
 - Covering all firms with a sizeable innovation output

A focus on ready-made indicators



RISIS faces the demand, in particular from policy, not only to provide access to raw data, also to ready-made indicators

→ RISIS has opened a way to produce indicators across three integrative dimensions across datasets

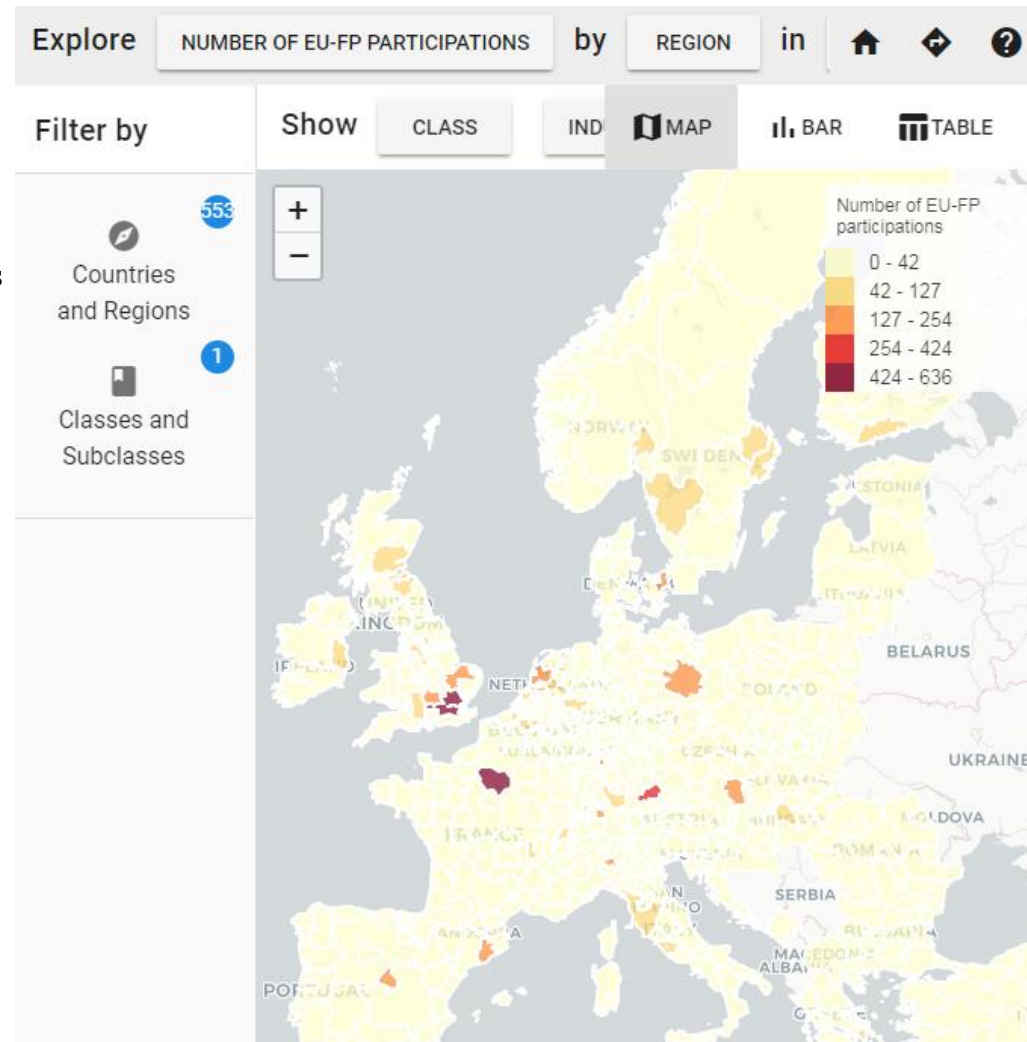
- **Geocoding** of RISIS datasets at organisational level
- **Harmonisation of organisation names**
- **Dynamic topical classifications** via ontologies

Integration of RISIS datasets offers new opportunities for monitoring research performing and innovating organisations



... shifting attention to knowledge production in the ERA

- Links RISIS source data with Key Enabling Technologies (KETs) and Societal Grand Challenges (SGCs) via ontologies
- Indicators on knowledge production in KETs and SGCs (and 130 subtopics), across geographical spaces (adapted NUTS regions)
- Analytical and visualisation possibilities as well as download functions for further investigation (e.g. specialisation analysis)



Directions



- RISIS2 website: risis2.eu
- RISIS core facility (access to the datasets):
rcf.risis2.eu/datasets
- Direct access to OrgReg and RISIS-ETER:
orgreg.joanneum.at
- Direct access to RISIS-KNOWMAK: knowmak.eu

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THANK YOU !

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