RISIS

RESEARCH INFRASTRUCTURE FOR SCIENCE AND INNOVATION POLICY STUDIES

The RISIS project and infrastructure

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RISIS Policy maker session

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What is RISIS

RISIS

- A European research infrastructure focusing on services and data for science and innovation studies
- Initiated in 2014 and renewed in 2018 until 2023
- Supposed to move toward a long-term sustainable object through its transformation in AISBL by the end of the current year

- It provides European researchers
  - freely on line accessible services
  - project-based access to curated & enriched datasets
  - tools for methodological advances
  - registers on research organizations and firms
  - ontologies, visualization maps
  - training, research and awareness raising events

RISIS vision

RISIS

Four priorities in the RISIS vision:

- *visibility* towards academics, stakeholders and policy makers
- *accessibility* through distant access, increased tools and visualization
- *exploration* of new indicators also based on bottom-up learning and ontologies
- *exploitation* of resources and services developed within the infrastructure

- 18 partners within Europe and Israel

RISIS identity

Research orientation

providing facilities, resources and services to researchers in the STI field and beyond

developing new datasets and indicators on STI policies

RISIS is clearly inscribed in the open science movement

Access is granted for 'publishable research'

Embedded in the VRE and in the OpenAire environment (capability to match RISIS data with other open access resources)

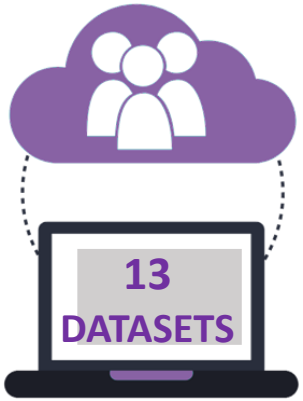
Using Zenodo as repository for outputs and outcomes

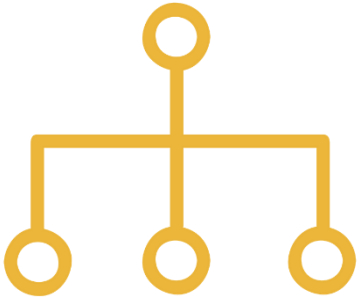
Impact and interactions with the research community

Important investment in training, dissemination and communication

RISIS structure

RISIS





Access to 13 RISIS datasets for studying science and innovation

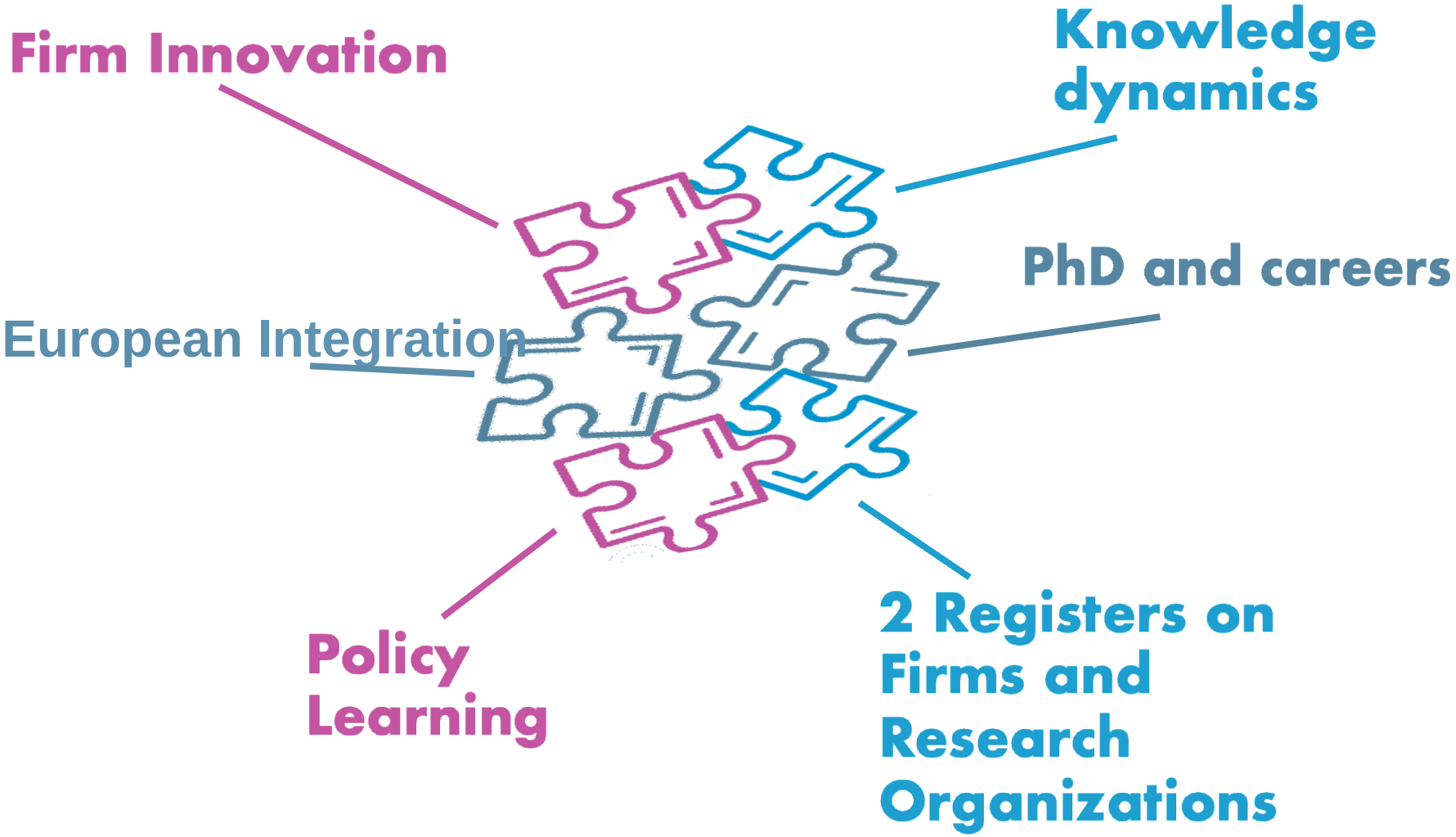
A unique data and services infrastructure

Supporting the development of a new generation of analyses and indicators

…and 4 new datasets developed and now open

RISIS datasets families

RISIS



The KNOWMAK tool

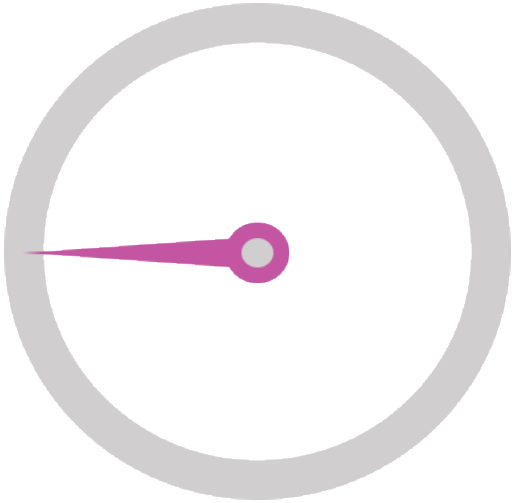
RISIS

Visualizing knowledge creation in the European Research Area: the RISIS-KNOWMAK tool

Slides and video:
https://zenodo.org/record/3591854#.Xs6DUmgzbcc

RISIS users

RISIS



Evidence-based policy making for **Research** and **Innovation**

Science Technology and Innovation scholar's community

National Statistical Offices and European Statistical Units

Researchers from neighbouring fields

Governments

Becoming an AISBL

RISIS

- Distributed data and services infrastructure
- Development of a new generation of indicators
- Focused on the field of STI policy studies
- Committed to open science and FAIR principles

Scientific relevance

RISIS

- High-quality micro-data on R&I actors
- Inter-connectivity through standardised organisational registers
- Regular updating of data
- Professional access management through RCF (RISIS Core Facility)
- Complementary data services and tools (e.g. disambiguation, gecoding, semantic ontologies, visualisation, etc.)

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Societal and policy relevance

RISIS

- Comparative analysis of research-performing and –funding organisations
- Identification of highly dynamic areas of STI at different geographical scales
- RISIS as a European reference center for STI micro-data analysis
- Familiarising young scientists with latest STI micro-data analysis methods and tools
- Strengthening literacy of practitioners in using and interpreting STI micro-data

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THANK YOU !

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RISIS2 EU PROJECT

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University of Sussex · DZHW Deutsches Zentrum für Hochschul- und Wissenschaftsforschung · University of Strathclyde Glasgow · Sapienza Università di Roma · NIFU Nordisk institutt for studier av innovasjon, forskning og utdanning · CSIC Consejo Superior de Investigaciones Científicas · Samuel Neaman Institute for National Policy Research · Technology Centre ASCR · ATHENA Research & Innovation Information Technologies