

**RISIS**

Research infrastructure for research and innovation policy studies



Consiglio Nazionale delle Ricerche

**IRCrES**

ISTITUTO di RICERCA sulla CRESCITA ECONOMICA SOSTENIBILE  
RESEARCH INSTITUTE on SUSTAINABLE ECONOMIC GROWTH

## Introduction to methods and applications to the JoREP/EUPRO database with network analysis approaches

IRCrES-CNR, Rome – November 20-21 2017

# About CNR IRCRES

- IRCRES is one of the 103 research institutes of the CNR-National Research Council in Italy
  - Broadening of the former CERIS
  - Dealing with sustainable economic growth
  - Thematic areas:
    - evolution of the industrial system
    - organization and sustainability of the large systems in contemporary society
    - environment
  - Horizontal themes: innovation, public policy evaluation
  - CNR has more than 4,000 researchers, while IRCRES is about 90 units of staff (60 researchers, research associate, PhD students and early career researchers)



# About AIT

- AIT Austrian Institute of Technology is Austria's largest research and technology organisation.
- About 1.300 employees - mostly based at the main facilities Vienna, Seibersdorf, Wiener Neustadt, Ranshofen and Graz
- R&D to realize basic innovations for the next generation of infrastructure related technologies in several key fields like Energy, Mobility Systems, Low-Emission Transport, Health & Bioresources.
- These technological research areas are supplemented by the competence in the area of Innovation Systems & Policy.



# Introducing RISIS

**Objective:** RISIS has been designed to promote a distributed research infrastructure to advance science & innovation studies

**Two main goals:**

- coordinate existing fragmented datasets and open on a free-of-cost basis to European researchers
- develop new software platforms to support dataset building and treatments (from heterogeneous & unformatted textual corpuses)

**Impact:** RISIS will provide a radically improved evidence base for research and innovation policies and for research evaluation (via enabling the development of new relevant indicators)



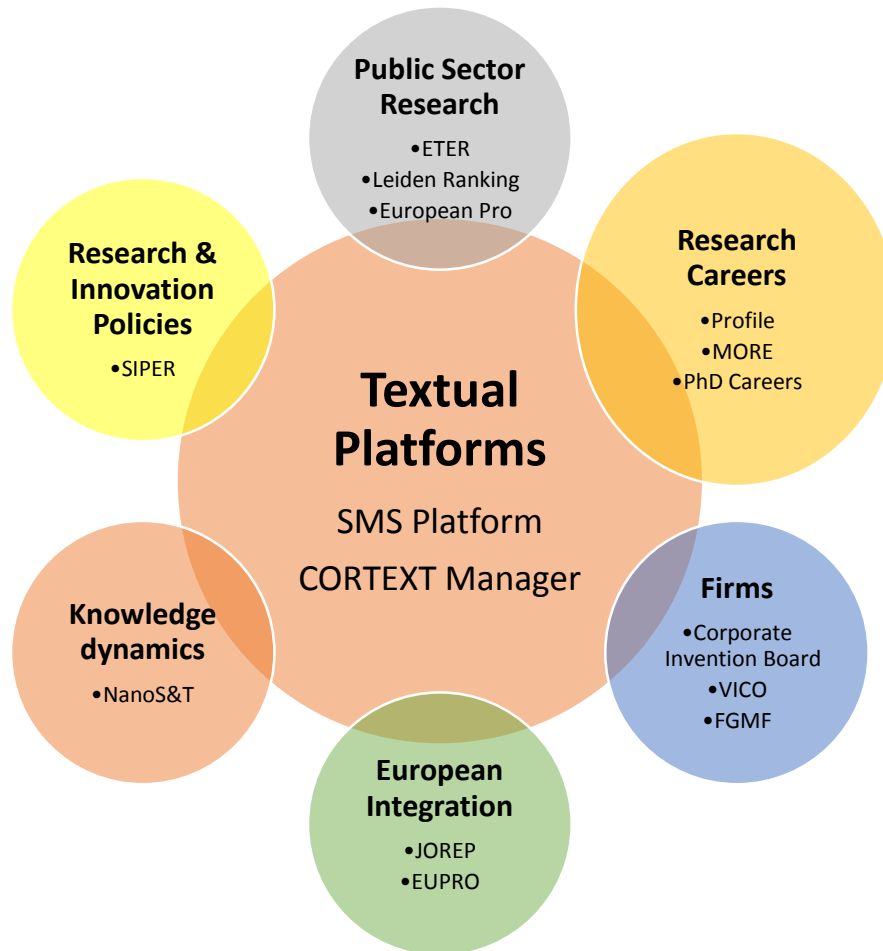
# Introducing RISIS

- 15 partners from 10 countries, all public, 8 universities & 7 public research organisations
- Coordinated by IFRIS (Univ. Paris Est)
- €5m funding from FP7 2014-2018
- Opening 9 existing datasets & developing 4 new ones
- Opening 2 platforms for web-based analysis (SMS) & for semantic analysis of large textual corpuses (CORTEXT)





# Databases and Platforms



# Contributing to Open Access

The [SMS platform](#) contributes on OA linking open data as well as non-open data – where for the latter access rules apply. Within the SMS platform [several open datasets](#) are linked and made available.

The Cortex platform also provide access to datasets and facilities to use

- [RISIS-ETER](#) : a set of databases providing a register of European Higher Education Institutions
- [ORGREG](#): a REGISTER OF PUBLIC-SECTOR RESEARCH AND HIGHER EDUCATION ORGANISATIONS

For a full list of open datasets on platforms, check: <http://www.risis.eu>



# What is RISIS training for?

- Raising the research skills needed for using large data:
  - Introduction to the use of the infrastructures (platforms and datasets)
  - Indicators and data handling and indicators design
  - Statistic and econometric analysis, scientometric tools
- Target addressed
  - Senior scientist, early career researchers and PhD students at the last year of the course (PhDs)
  - People from the policy making level (e.g. funding agencies)
  - Research intermediaries (e.g. research association like Science Europe)
- Training activities are generally associated with the use of one or more infrastructure





# What is RISIS visiting for?

- A coordinated effort for opening existing datasets and concretely realize open data
  - 9 datasets now open
  - Maintaining a transversal team built to follow the use of opened datasets and organise the progressive integration of new/external datasets
  - A computer architecture insuring researchers a generalised distant access and a dedicated working space
  - Web access for learning about datasets
  - Support for research visits → <http://datasets.risis.eu>



# The JoREP-EUPRO course

- Introducing the features of EUPRO and JoREP 2.0 databases
- Explaining the main characteristics of the two databases (theoretical background and structure)
- Training the participants to figure out and to address research questions on European Framework Programmes and joint programming within the ERA, using the two infrastructures
- Handling the datasets to develop further investigations



# Practicalities

- Coffees and lunches on site
- Dinner at the end of the first day
- Questionnaire to be filled up at the end of the course
- All material available on the web site [www.risis.eu](http://www.risis.eu)
- Certificate of participation
- WIFI details to be circulated

Enjoy the course!

