RISIS

RESEARCH INFRASTRUCTURE FOR SCIENCE AND INNOVATION POLICY STUDIES

PERIODIC POLICYMAKERS SESSIONS

December 19th, 2019 from 14.00 to 17.00

CLORA, Avenue des Arts 8, 1210 BRUSSELS
Salle DELVAUX

Madou

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AGENDA OF THE SESSION

Opening by

▸ *Adam Tyson, Head of Research and Industrial Infrastructures at DG Research and Innovation, European Commission*

Presentation by

▸ *Benedetto Lepori from Università della Svizzera italiana (CH) and University of Paris Est (FR)*

▸ *Thomas Scherngell from AIT Austrian Institute of Technology (AT)*

14.00 – 14.30   The RISIS-KNOWMAK tool as an interface to RISIS integrated data

The KNOWMAK H2020 project has designed a database and an interactive tool to access integrated data from the core RISIS datasets in form of relevant R&I indicators, including scientific publications (RISIS-WoS), European projects (RISIS-EUPRO), patents (RISIS-PATSTAT), higher education (RISIS-ETER) and social innovation projects (RISIS-ESID). KNOWMAK is built around a triplet of integrating elements, i.e. geographical space (countries and regions), actors (research organizations) and topics (Key Enabling Technologies and Societal Grand Challenges).

14.30 – 15.15   Demonstration of the KNOWMAK tool

The KNOWMAK interactive tool allows for easy navigation and visualization of RISIS indicators across regions, actors and topics, as well as to download data for further analysis. In this session, the tool functionalities will be demonstrated and illustrated with selected examples of analysis.

15.15 – 15.45   Break

15.45 – 16.15   The spatial distribution of knowledge production in Europe. A latent class analysis

This presentation will demonstrate the potential of the underlying RISIS-KNOWMAK data for various research and policy questions, exemplified by the characterization of knowledge production in the European regions. We are able to identify educational, scientific and technological axes as distinct dimensions of knowledge production; we use these dimensions to propose a multidimensional characterization of European regions.

16.15 – 17.00   Future development of RISIS-KNOWMAK and open discussion

Outlook on planned and potential further developments of the KNOWMAK tool and its integration in the RISIS data infrastructure. Open discussion on future avenues of collaborative research.

About RISIS:

The European Research Infrastructure for Science, technology and Innovation policy Studies (RISIS) aims at building a data and services infrastructure supporting the development of a new generation of analyses and indicators. To develop a deeper understanding of knowledge dynamics and policy relevant evidence, the project goes beyond established quantitative indicators, developing positioning indicators, which take into account critical features of knowledge dynamics i.e. the importance of asymmetries in producers, in places and in themes. RISIS2 datasets are built keeping information on these three dimensions. To exploit them, new services dealing with actor identification, geographical information and thematic foci are developed, as well as semantic analytical capabilities.

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