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CNR-ISTI

OpenAIRE's Perspective and Involvement in RDA



OpenAIRE's Perspective



OpenAIRE Portal
scientists & research administrators



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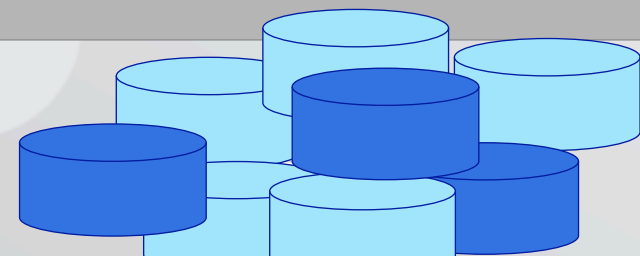
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Open Access e-Infrastructure for Research in Europe



Articles and datasets

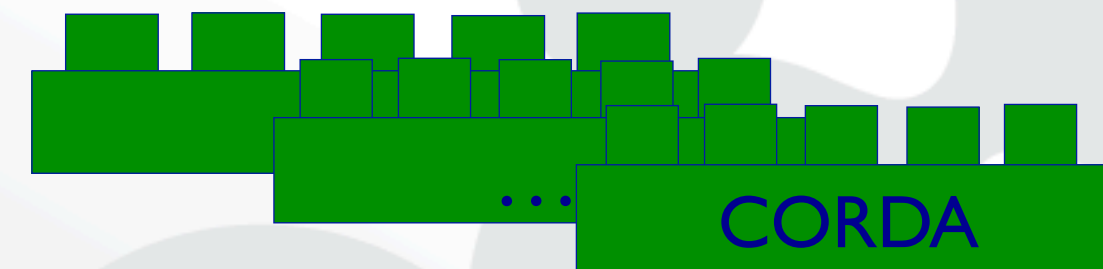
Institutional & thematic repositories, OA journals

OpenDOAR

ResearchID (ORCID, ...)

Registries

CRIS systems



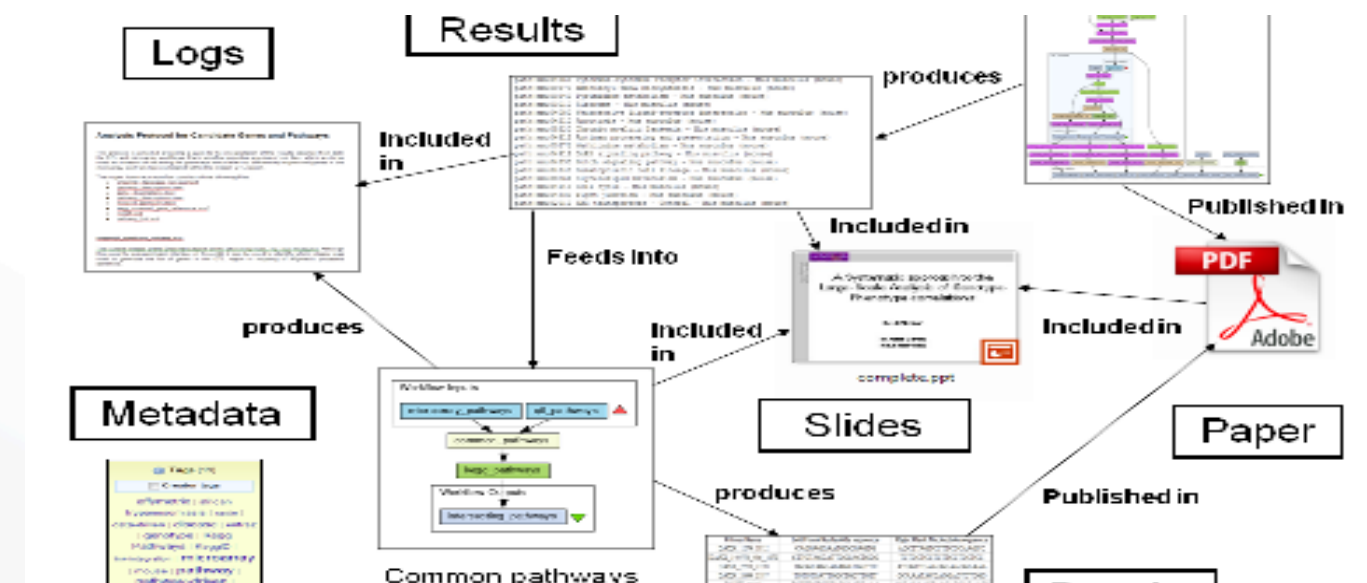
Information Infrastructures

CORDA

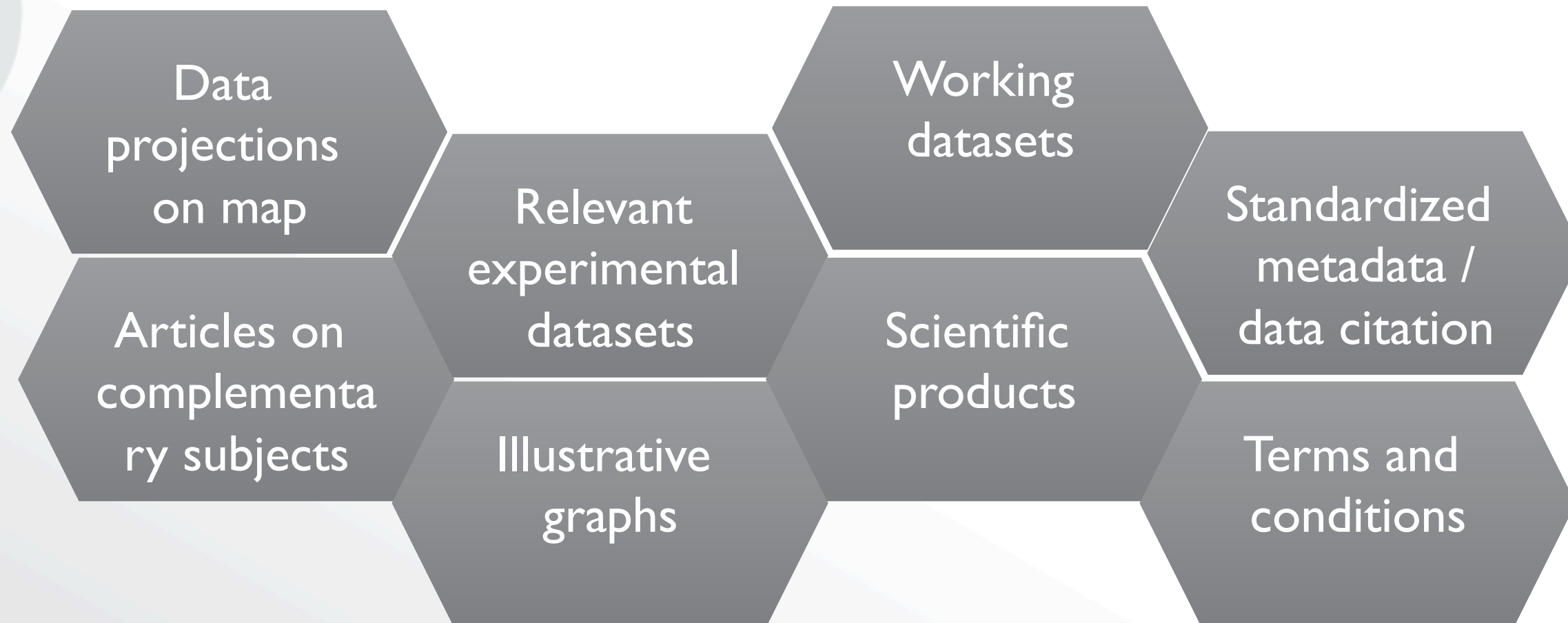
Emerging requirements

Scholarly Communication based on new forms of publications

- **Structured Publications** (e.g. Elsevier Article of the Future)
- **Compound Objects** (e.g. enhanced publications, modular articles)
- **Live articles** (e.g. D4Science dynamic reports)
- **Experiment-oriented publication** (e.g. Scientific Publication Package , My-Experiment research objects)



OpenAIRE's perspective



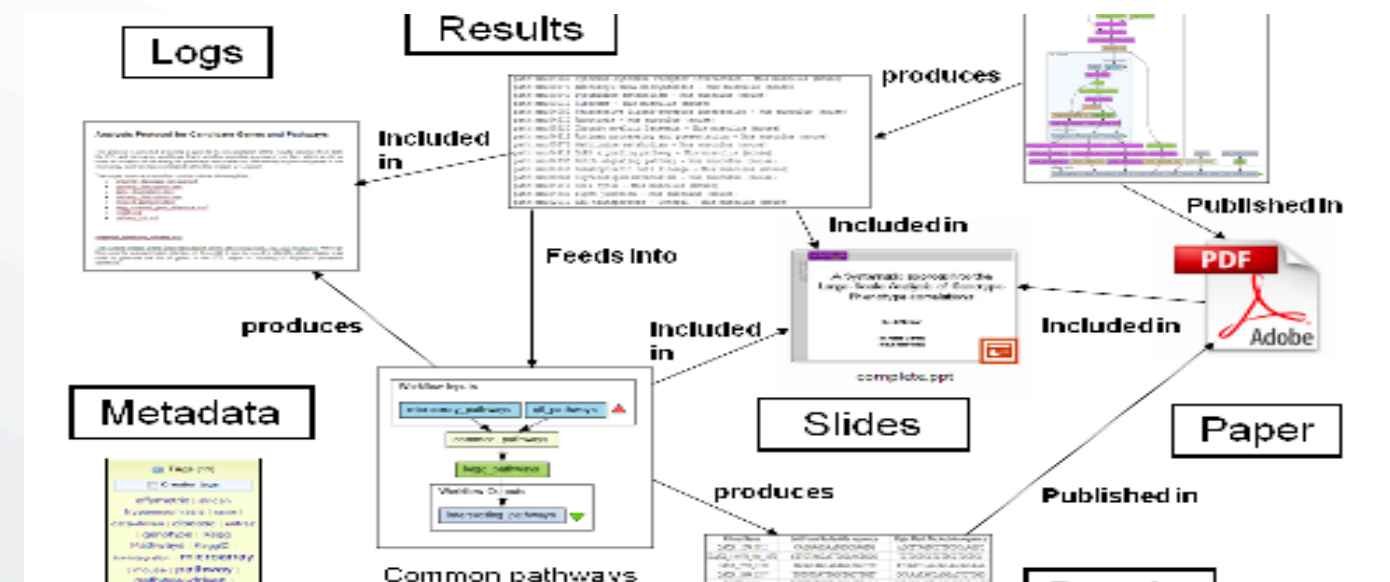
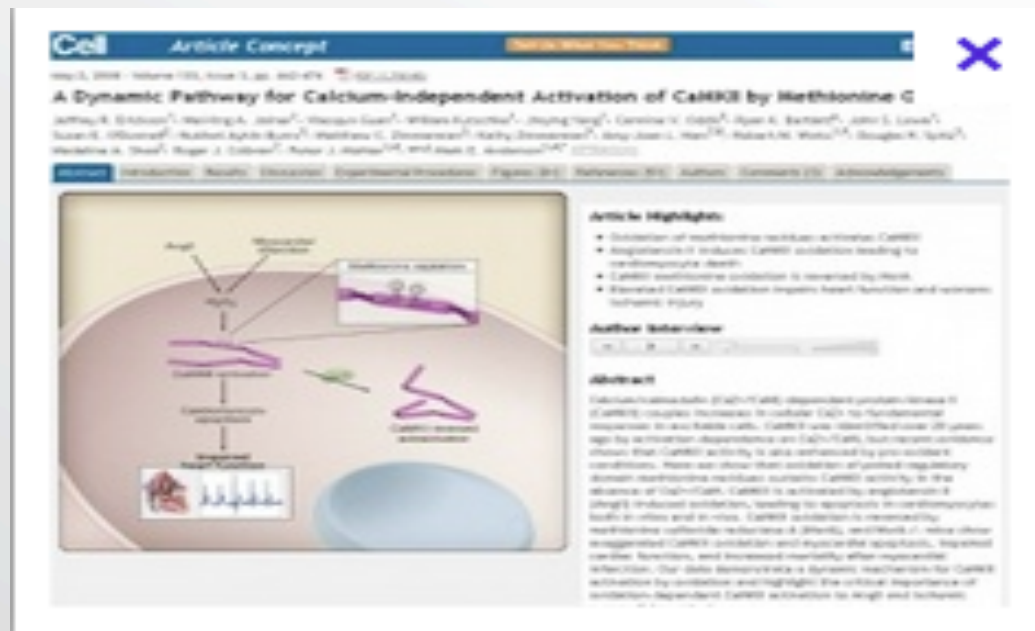
Often made available from scientists working in different domains

Creating a new publication requires to retrieve, access (generate), and understand these elements



OpenAIRE's Involvement in RDA: New Research Objects

What basic services the infrastructure should provide for facilitating the publishing, at modest or no cost to the authors, of new publications?



OpenAIRE's Involvement in RDA: Technology



- **D-Net experience started in 2005**
 - Registries of various types
 - Metadata frameworks
 - Data as a service
 - Approaches to interoperability
 - Overcoming data friction
 -
 - Terminology & concepts





OpenAIRE's Involvement in RDA: Legal Interoperability WG

WG Focus

Overcoming Intellectual Property Constraints on Access and Reuse of Research Data

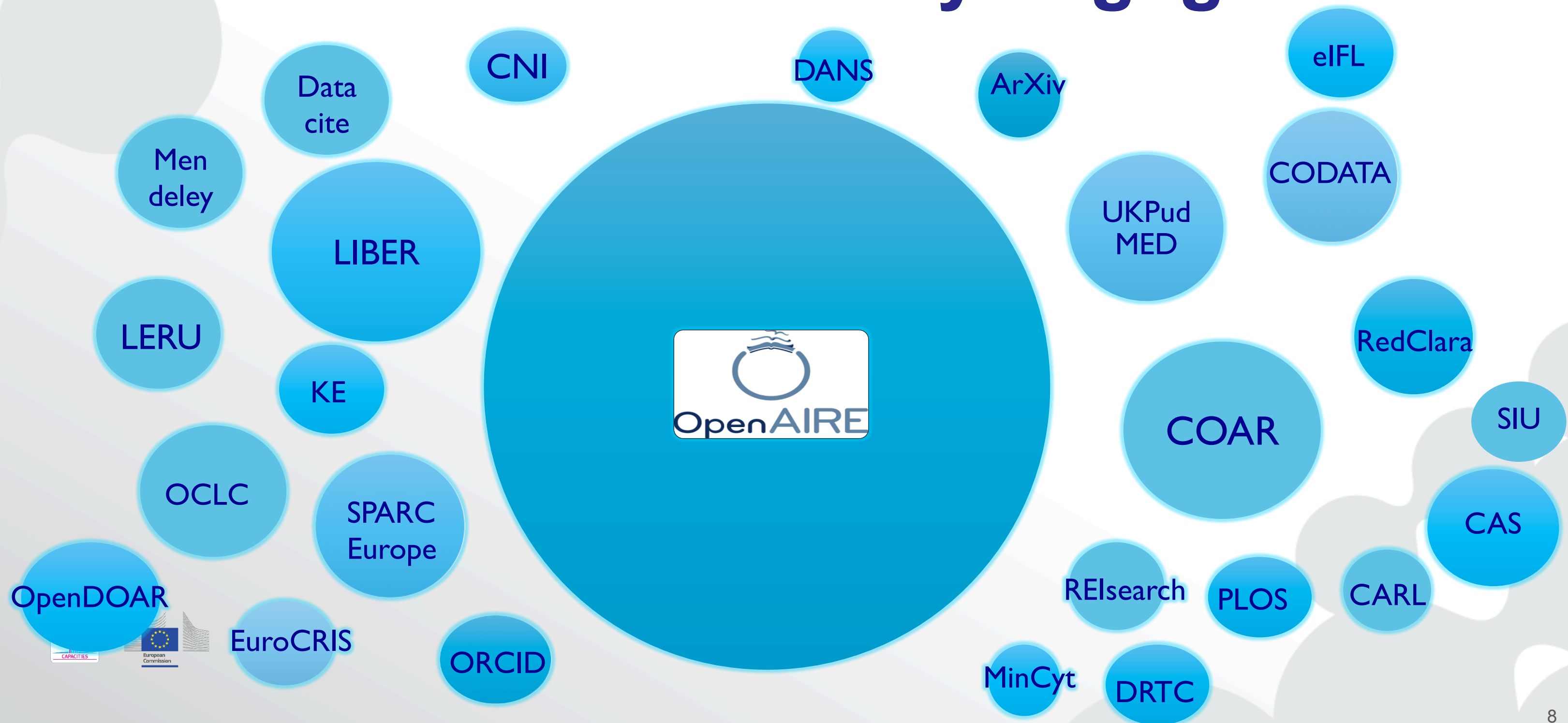
Minimize unnecessary legal barriers, especially for public and publicly funded upstream factual inputs. Generally help educate different stakeholders in the research process.

Lesson learnt from OpenAIRE

- Sharing and re-use of data from different sources requires making rules for compatibility explicit
- Sharing mediated by a data infrastructure raises new contextual conditions, many terms and conditions have to be extended
- Data Infrastructures are entities that must themselves be regulated by specific policies



OpenAIRE's Involvement in RDA: Community engagement



**+ MANY MORE
IDEAS**