

Open forum: Challenges of sharing data linked to publications

Journals Outreach

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*30 June 2021 -- virtual event
DOI: 10.5281/zenodo.6962275*

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Open Forum for Challenges of sharing data linked to publications – Context

CESSDA – Journals Outreach

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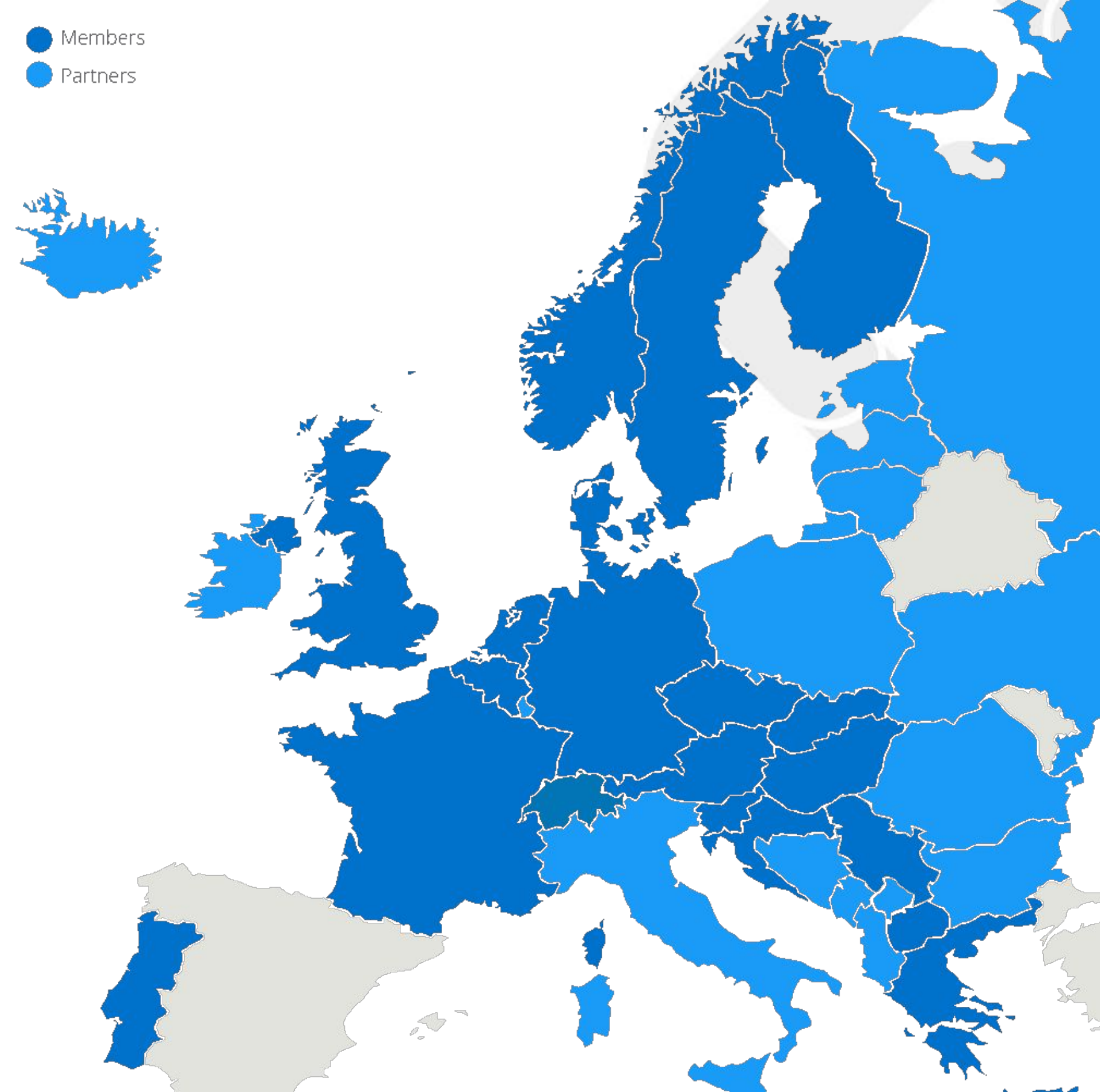
CESSDA ERIC

- Consortium of European Social Science Data Archives
European Research Infrastructure Consortium
- ERIC since 2017, a company under Norwegian law before that since 2013
- A long history since 1970s as a Council of European Social Science Data Archives
- Countries are members, members appoint a Service Provider (SP)
- A distributed infrastructure
- SPs are the contact point to national research community: provide data ingest, curation, download facility, information services about the services and data
- CESSDA Main Office (Bergen, Norway) and the Service Providers cooperate in building central services and providing services internationally

Members

- Austria
- Belgium
- Croatia
- Czech Republic
- Denmark
- Finland
- France
- Germany
- Greece
- Hungary
- Iceland
- Ireland
- Italy (1 July 2021)
- The Netherlands
- North Macedonia
- Norway
- Portugal
- Serbia
- Slovakia
- Slovenia
- Sweden
- Switzerland (Observer)
- United Kingdom

23 members since Italy will be a full member 1 of July



Tools & services



Journals Outreach Team

- [GESIS, Germany](#): Serafeim Alvanides (Leading partner)
- [CROSSDA, Croatia](#): Marijana Glavica, Irena Kranjec
- [EKKE, Greece](#): Dimitra Kondyli, Apostolos Linardis, Nikolas Klironomos
- [ADP, Slovenia](#): Janez Štebe, Sonja Bezjak
- [FORS, Switzerland](#): Brian Kleiner, Emilie Morgan de Paula
- [FSD, Finland](#): Helena Laaksonen
- [SND, Sweden](#): Ilze Lace
- [TARKI, Hungary](#): Béla Janky
- DCS, Serbia: Jelena Banovic

Journals Outreach Purpose

- Creating a dialogue between academic publishers, journal editors, and CESSDA partners about good practice related to data sharing and preservation

Methods:

- organising dissemination events
- developing pilot case studies
- publishing examples of good practice and
- acting as a distributed hub of communication between academic publishers, journal editors and CESSDA partners

Purpose of the Open Forum

- Presenting findings from the Journals Outreach activities (CESSDA Work Plan 2020)
- Opening the dialogue between publishers, editors, researchers, and CESSDA partners
- Discussing challenges of data sharing
- Highlighting good practices and possible forms of collaboration
- We welcome a lively debate about all aspects of sharing data related to publications!

Thank you for listening!

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CESSDA Journals Outreach 2020 highlights and future perspectives

Open forum: Challenges of sharing data linked to publications

Marijana Glavica, CROSSDA (CESSDA - Croatia)

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CESSDA Journals Outreach 2020

Goals

- Gain better understanding of journal practices, requirements, and needs regarding the availability of data used in scientific publications
- Assess CESSDA Service Providers capacities, policies, and services for responding to the needs of journals regarding preservation of data and replication material
- Explore models for how CESSDA could coordinate to offer services to journals

Approach

- Analysis of global publishers data sharing policies (Elsevier, SAGE, SpringerNature)
- Interviews with social science journals editors (7 journals, publishing within different contexts)
- Survey of CESSDA SPs
- Focus group with representatives of CESSDA SPs

Partners

- GESIS, FORS, ADP, TARKI, CROSSDA

The Journals Landscape - Global publishers

- Data sharing policies are already in place and they are in a continuous state of innovation
- Deviations exist from the general frameworks such as one recently developed by the RDA ([Hrynaskiewicz et al. 2020](#))
 - Can be confusing and hard to implement by journals, hard to follow by authors
- There are no explicit recommendations for the specifics and sensitivity of social science data (qualitative data, metadata, contextual information, data protection); but it is allowed not to share data because of ethical and legal limitations
- Discipline-specific repositories are not always listed as recommended depositing spaces, and social sciences are usually omitted
- Some publishers are expanding their services: data deposit platforms; niche journals that focus on specific aspects of the research cycle (data, methods and protocols, software, code, hardware, etc.)

The Journals Landscape - Journal editors

- Designing and implementing a coherent data sharing policy is perceived as inevitable and welcome
- The complexities associated with the diversity of social science data and the additional demands such data can impose on sharing and replicability are fully appreciated
- Conflicting views on qualitative data
 - additional challenges in relation to the confidentiality of participants and
 - replicability of qualitative research

The Journals Landscape - Independently published journals

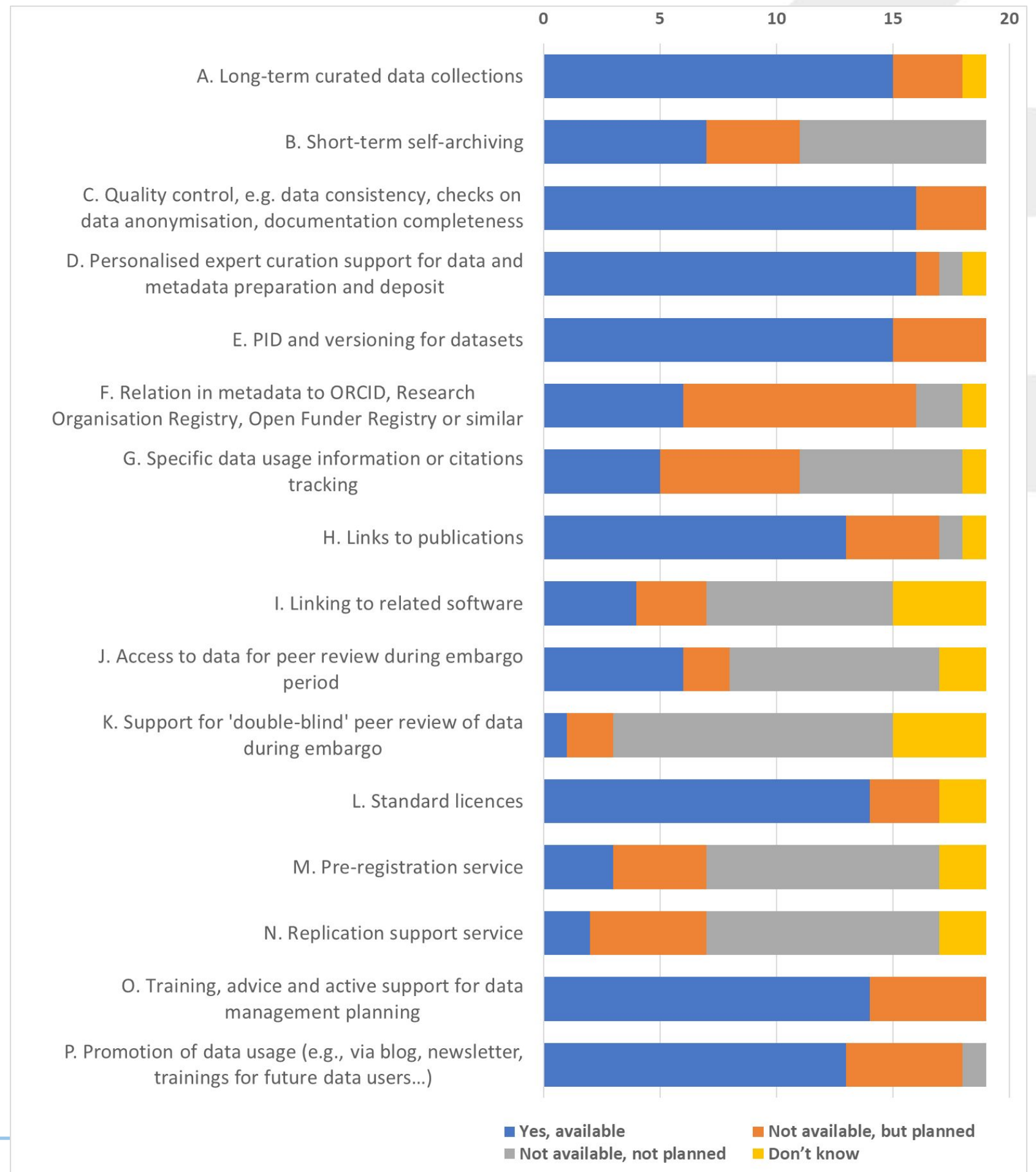
- Independently published journals innovate at a slower pace compared to the journals published with global publishers
- Lack of the financial and technical resources
- Possible solution:
implementing data sharing policies in collaboration with the national data archives (some have already made steps in this direction)
- Expectations from national data archives:
infrastructure, technical support, research data management (RDM) training, development of metadata specific to social science data, the understanding of policies on data protection, storage and sharing at the national and European levels

CESSDA Service Providers Landscape

- Majority can accept data and associated material related to journal articles, but some of those who can accept, still don't have any of such data
- Some SPs are already working with journals
 - archiving of journal data holdings
 - supporting journals with instructions for authors on citing data and recommendations to deposit data with trusted domain specific repositories
 - one SP is serving as backup-archive for Mendeley Data
 - some are already listed as recommended repositories by journals
- Most SPs are represented in repository registries (FairSharing, re3data.org) - some publishers are recommending these registries to authors to search for appropriate repository

SP services relevant to journal requirements

- Which of these services are the most important?
- SPs ranked highly those services they already offer



What is expected of data repositories?

- Expectations are gradually moving further in terms of what is expected of data repositories
- All stakeholders are invited to participate in a dialogue:
 - [Repository Features to Help Researchers: An invitation to a dialogue](#) (April 14, 2021)

Benefits of cooperation between journals and CESSDA SPs

- Developing sound data policies for social sciences, which authors can understand and follow
- Free and reliable data repository service, which can be trusted
- Reduced time when responding to authors about data sharing practices and policies
- Free advice and training covering all aspects of Research Data Management (RDM)
- Data quality and integrity assessment following established standards in social sciences - possibly avoiding the need of such assessment as part of the peer review process
- Legal and ethical issues assessed and resolved by data archive experts
- More datasets will be shared if researchers can receive support from domain data experts

The role of CESSDA and Agenda 2021-22

- promotion of already available services for journals offered by SPs
- addressing capacity challenges of SPs with respect to handling journal data and additional services to journals
- CESSDA Agenda 2021-22 is an instrument for achieving strategic goals of CESSDA enables CESSDA SPs to work together
- Journals Outreach is on the Agenda 2021-22
 - enabling SPs to work on unifying, improving and coordinating activities related to developing services to journals
 - creating a hub of communication between academic publishers, journal editors and CESSDA partners

<https://cessdajournalsoutreach.github.io/>

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Thank you for listening!

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