

ADP - SOCIAL SCIENCE DATA ARCHIVES

Analyze data! Deposit study! Promote science!

Examining Barriers for Establishing a National Data Service

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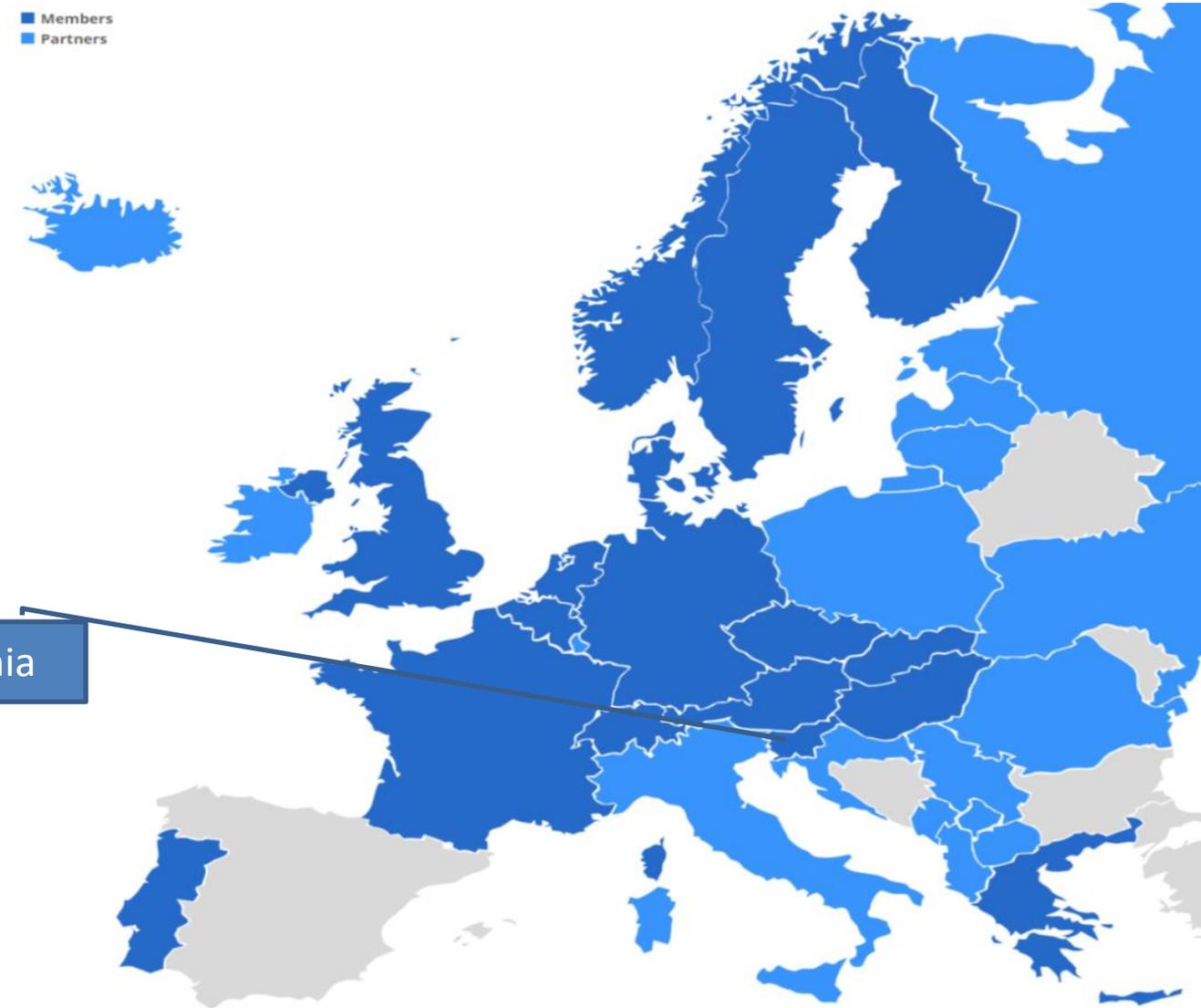
– ADP [Arhiv Družboslovnih Podatkov], University of Ljubljana, Slovenia

[IASSIST CONFERENCE 2019](#), May 27-31, 2019 in Sydney, Australia



CESSDA Member and Partner countries (Non-member), as of mid-2018

■ Members
■ Partners



ADP, Slovenia

Asses situation in countries that are not yet CESSDA members regarding DAS

- Monitoring and reporting system established to identify barriers: Aims to normal, steady state development, sustainable...
embedded maturity
 - Search for solutions for the common problems (**Which are?**) and facilitate support for improvement (**Who the stakeholders are? Can they recognise their role?**)
- Support those that are in **Heroic stage**: to increase the visibility of individual country initiatives and organisations ... that many have try over the longer periods to develop national **DAS** (Data Archive Service)
 - To reward those efforts
 - Reports can be seen as international recognition of initiatives
- **For Pioneers** (where no previous activities exists): Incentivise contemplating the idea about establishing one DAS

Ecosystem of research data sharing

- 'It is a complex system (...). The system must be understood in totality in order to optimize the whole and not just the individual components.' (Parsons et al., 2011, p. 557).
 - Culture of data sharing (supply and demand for high quality data)
 - Policy – Requirements and rewards, funding
 - Infrastructure – Data archive services (DAS)
-
- The diagram illustrates the relationships between the components of the ecosystem. It features three main text elements: 'Culture of data sharing (supply and demand for high quality data)' at the top, 'Policy – Requirements and rewards, funding' in the middle, and 'Infrastructure – Data archive services (DAS)' at the bottom. Between 'Culture' and 'Policy', there are two blue arrows: one pointing up and one pointing down. Between 'Policy' and 'Infrastructure', there are two blue arrows: one pointing up and one pointing down. Additionally, there are two tall blue arrows on the right side of the diagram, one pointing up and one pointing down, spanning the vertical distance between the 'Culture' and 'Infrastructure' levels.

Previous and current projects addressing establishment of national DAS



Support for Establishment of National/Regional
Social Sciences Data Archives

PROJECT WEB SITE <http://www.serscida.eu/en/>
Deliverables <http://www.serscida.eu/en/deliverables>



South-Eastern European Data Services

PROJECT WEB SITE <http://seedsproject.ch/>
Deliverables http://seedsproject.ch/?page_id=64



<http://cessdasaw.eu/deliverables/>

CESSDA WP on Widening Activities 2018

Reasoning

- CESSDA priorities (pan-European coverage), long term efforts
- follow up of past developments (CESSDA SaW, SERSCIDA, SEEDS)

Objectives

- foster the Network of CESSDA Partners
- help disseminating existing CESSDA support services
- develop knowledge about non-member SPs and emerging archiving activities
- increase CESSDA visibility in non-member countries

Target groups

- CESSDA aspiring non-member SPs Europe;

Team

- CSDA, FORS, ADP, TARKI, DANS, SND

Method for collecting and reporting information

- Step 1: Desk research: review of output from previous projects (last one SaW, ended in 2017)
- Step 2: Selection of Contacts for interviews for update in 2018 (Contact list from previous projects utilised and updated: mainly CESSDA partners and some other contacts)
- Step 3: Tailoring semi-structured interview based on the common framework (country and stakeholder-specific);
- Step 4: Contact and carry on the interview, either orally or written

Results by interviews' topics

Development of the social sciences sector in the country

Most of economically less developed countries share an impression of low status of social sciences research, (...) generally low supply of high-quality key research data resources and (...) weak policy and funding support of data service activities.

National/EU RDM policy and support setting

the discrepancy between the sometimes-isolated policy plans in the countries (as shown in EU reports), and the reality of the absence of data sharing practices. → The national DAS can fill in that gap, e.g. supporting data citation, other incentives to the science community.

Data sharing culture

Countries with active initiatives for establishing the DAS can already show their impact in their national setting; →

researchers think about data sharing from the projects beginning, and seek collaboration with the DAS initiative.

Key chapter: Data infrastructure (proto-activities) current situation and perspectives

Observations regarding existing DAS in Partner countries (not yet CESSDA members):

(+) strong: publically available mission statements that elaborate main DAS functions

(-) weak: long-term sustainable funding is missing to support the delivery of mission; low number of permanent staff.

Conclusions confirmed by parallel CESSDA Trust project self-assessments

Groups of countries identified:

(1.) Initial stage Countries

- Little DAS proto-activities (Cyprus, Kosovo, Albania, Montenegro, Spain, Luxemburg)

Based on assessment of change from previous rounds of monitoring in CESSDA Widening projects: little or no institutional continuity, lacking involvement of decision makers.

Cyprus country report concludes with an observation: *'Currently, there is no institutional and technical infrastructure for data deposit in SSH in Cyprus. Also, official steps or public initiatives towards establishing a DAS for the social sciences were not identified.'*

The Kosovo DAS initiative representatives participated already in the SEEDS project and in the SaW, yet in current update, the representatives explained they *'do not have any further comment to the state of the art that they hope to find the support to boost the archive in Kosovo in the future'*.

(2. category) Countries with long established but a very basic level of DAS service

Long-term status quo:

- minimal financial and human resources, unable to reach stronger institutional and funder and decision-makers support
- Typical Polish Social Data Archives active for more than 20 years:
 - Marcin Zieliński sadly observing that *'most of the data have been already lost because of the lack of financial sources to preserve them and structural possibilities of long time preservation.'*
- Estonia, Romania, Latvia: all unable to reach sufficient funding for a continuously mature DAS running, and lacking political support for the CESSDA ERIC country membership.
- (+) positive side: Expertise already obtained

(3.) Success stories – showing remarkable progress

(+) reaching the support from the Ministries and funders, while also showing a range of activities in improving the DAS

Croatia, Serbia, Macedonia:

- All active in series of widening projects (acquiring necessary skills, but also leading to: continuous national proactive efforts, both lobbying at funders and advocating among research community)

Italy, Ireland, Iceland, and Slovakia are active in extending their already established institutional services to nationwide services or consortia; next step: the Ministry's support for the CESSDA membership;

- Belgium has a reverse situation (first Membership, than SP) ;
- Russia and Ukraine a specific case in relation to CESSDA institutional framework

Discussion about the influence of CESSDA widening activities

- Including decision makers and funders' representatives in the National Development Plans: Helps to plan realistically
- Conferences, meetings and workshops, National development plans and media packs of the Widening projects in their respective countries: Increase visibility
- Guidance from the CESSDA CTS self-assessment, resources directory for new CESSDA partners and mentorship programme: helps to plan and develop services first that are not too demanding;
- CESSDA MO: Meetings with country decision makers and support letters;

Conclusions about the potentials of national DAS development

- wider data sharing ecosystem needs to be addressed, such as the financial and structural conditions of the social sciences sectors, the scientific policy requirements and norms established in the scientific community
- where social sciences have a low budget in general: → poor conditions for a data infrastructure
- The key factor: enthusiastic and eager individuals that internalize as their mission the formation of a national service

New countries are joining or are about to join, which shows that the CESSDA widening projects add to catalysing the establishment of data services

References and some resources mentioned

- [Parsons](#), Mark A. and [Øystein Godøy](#), [Ellsworth LeDrew](#), [Taco F. de Bruin](#), [Bruno Danis](#), [Scott Tomlinson](#), [David Carlson](#) (2011) 'A conceptual framework for managing very diverse data for complex, interdisciplinary science', *Journal of Information Science* 37(6) 555–569, <https://doi.org/10.1177/0165551511412705>
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- *CESSDA Widening Activities 2018*, project under the call *CESSDA Work Plan Tasks 2018* <https://www.cessda.eu/About/Projects/Work-Plans/Work-Plan-2018#wide>
- SERSCIDA project deliverables: Country mapping reports for Bosnia and Herzegovina. Croatia and Serbia. Project web: <http://www.serscida.eu/en/>; Deliverables: <http://www.serscida.eu/en/deliverables>
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- SaW Deliverable 3.2 Country report on development potentials: http://cessdasaw.eu/content/uploads/2017/11/D3.2_CESSDA_SaW_v1.3.pdf
- SaW Deliverable 3.4 National development plans for data services in non-CESSDA member countries in the ERA: http://cessdasaw.eu/content/uploads/2017/11/D3.4_CESSDA_SaW_v1.0.pdf
- National Development Plans For Data Services In The Era & Media Packs <https://www.cessda.eu/Tools-Services/For-Service-Providers/National-development-plans-for-data-services-in-the-ERA-media-packs>



Questions?

Comments?!

Sugesstions!

Thank you!

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