Developing National Data Archive Services

Past, Present and Future

cessda eric
Consortium of European Social Science Data Archives
European Research Infrastructure Consortium

Janez Štebe

Arhiv družboslovnih podatkov, Univerza v Ljubljani

CESSDA ERIC Widening Meeting

"Strengthening and Widening of the European infrastructure
of social science data archives"

Tuesday 5 June 2018
Milan, Italy

Session plan

Introduction (J.Š.)

Invited country presentations from CESSDA Candidate Data Service Providers
» Croatian case (Marijana Glavica, Filozofski fakultet Sveučilišta u Zagrebu)
» Latvian case (Jānis Daugavietis, University of Latvia)

Roundtable Discussion
» Participants from Iceland, Ireland, Lithuania, Poland, Romania.

cessda eric

CESSDA Strengthening and Widening project (SaW), 2015 - 2017

Ref. Ares(2017)3406114 - 06/07/2017

cessda saw

Research and Innovation Action

CESSDA Strengthening and Widening

Project Number: 674939   Start Date of Project: 01/08/2015   Duration: 27 months

Deliverable 3.2 Country report on development potentials

Dissemination Level	PU
Due Date of Deliverable	31/03/2017
Actual Submission Date	6/07/2017
Work Package	WP 3
Task	T3.2
Type	Report
EC Approval Status	16 November 2017
Version	1.3
Number of Pages	p.1 - p. 364 (+ Annexes)

Abstract: The report identifies gaps for further development of data archives services (DAS) in each country by exploring the wider ecosystem of data sharing culture, organisational setting and service operational profile. Where now the research data infrastructure is only emerging, it identifies promising candidate services.

Task 3.2: State of the art of Data archive services in Europe

» Maturity assessment framework

» Allows for country self-assessment

&

» Helps setting aspirations

» Inform action

» Helps planning where do we want to go, how to?

http://cessdasaw.eu/content/uploads/2017/11/D3.2_CESSDA_SaW_v1.3.pdf

cessda eric

SaW results for continuing widening activities

» National Development Plans + Guide
» Data Management Policies Overview
» Training
» Knowledge Sharing
» Tools
» Trust Certification Support
» Cost-Benefit Advocacy Toolkit

https://www.cessda.eu/Projects/All-projects/CESSDA-SaW/WP3/National-development-plans-for-data-services-in-the-ERA-media-packs

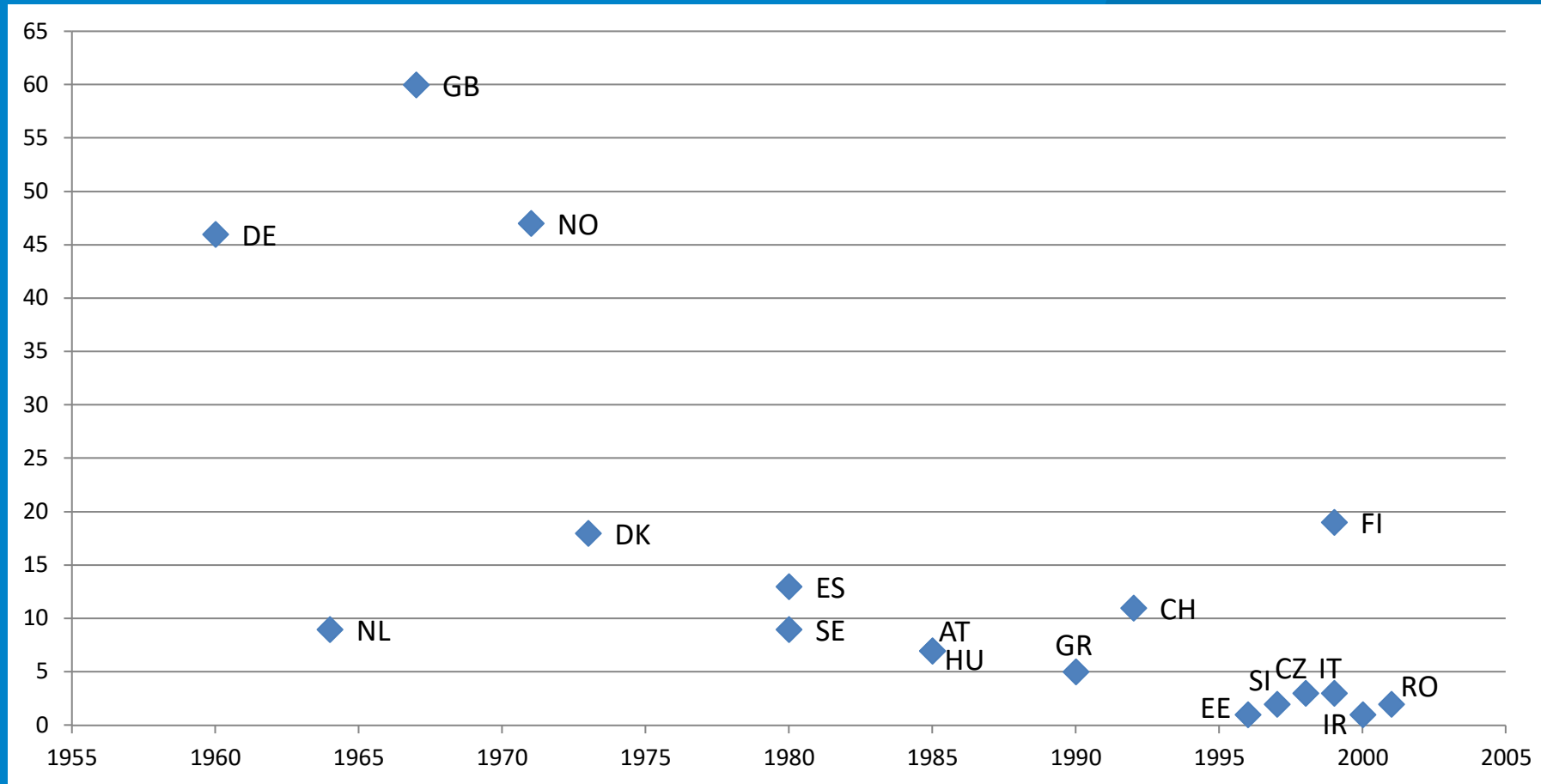cessda eric

EOSC = Universal access to data instead of current fragmentation and unequal access
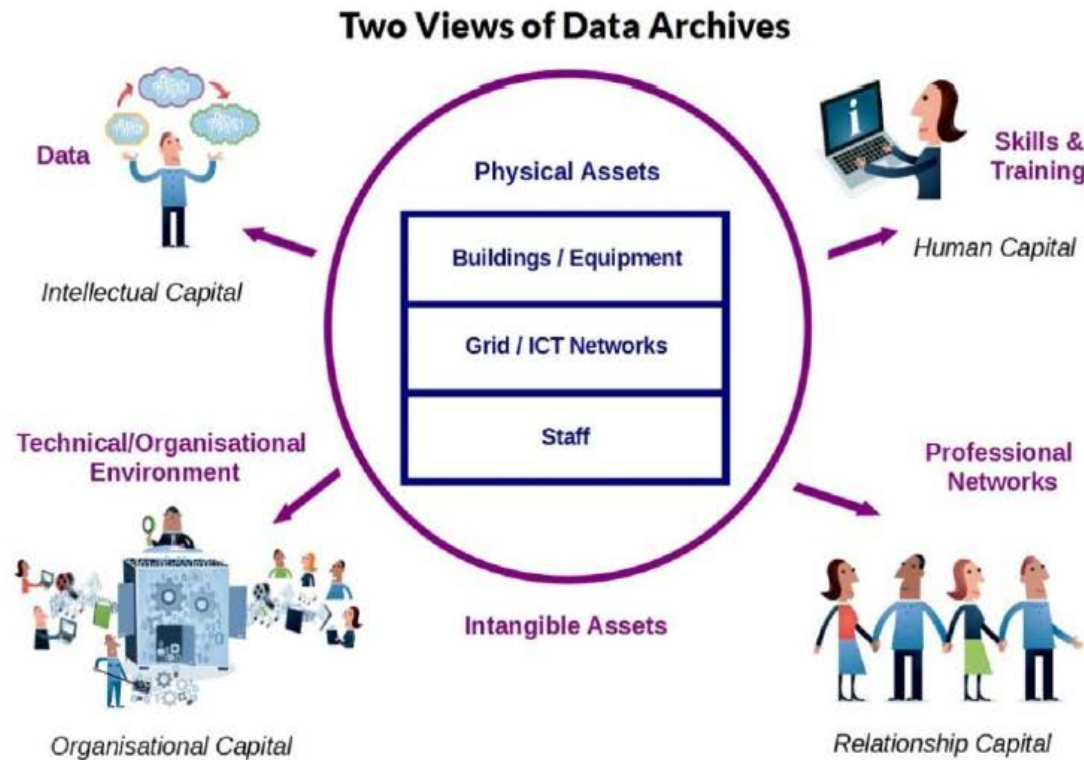
Federating existing and new data services
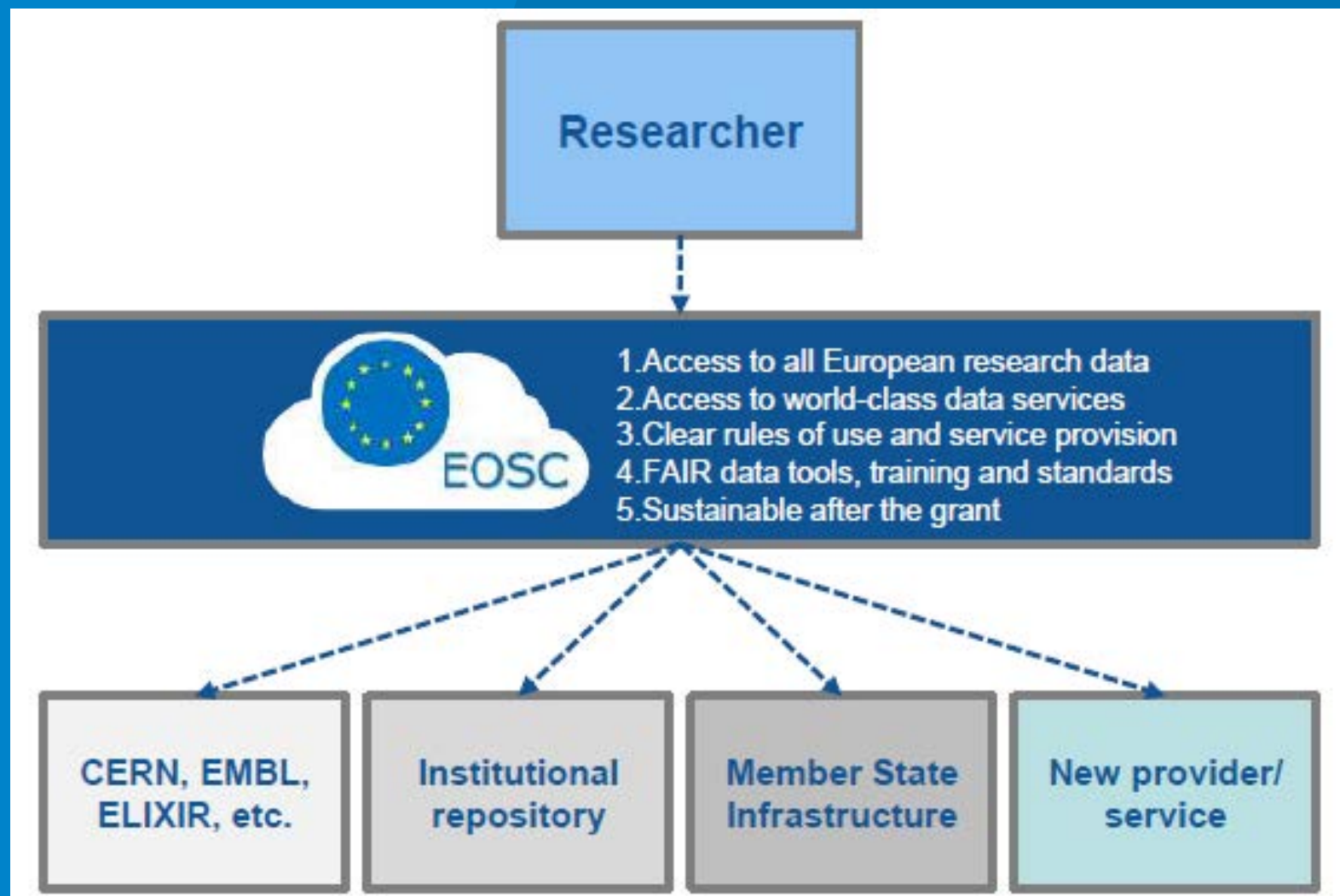
cessda eric

PAST: NATIONAL DATA ARCHIVE SERVICES SIZE (n of staff) BY YEAR WHEN ESTABLISHED

cessda eric

SaW results for continuing widening activities

Two Views of Data Archives

Data — Intellectual Capital

Physical Assets
- Buildings / Equipment
- Grid / ICT Networks
- Staff

Skills & Training — Human Capital

Technical/Organisational Environment

Intangible Assets

Professional Networks

Organisational Capital

Relationship Capital

Physical Assets and Intangible Assets.
Illustration by Charles Beagrie Ltd ©2017 incorporating images by Jorgen Stamp digitalbewaring.dk. CC-BY licensed.

» Cost-Benefit Advocacy Toolkit:

'The roles of data archives as "competency centres" in fostering skills and training; developing tools, standards and ontologies; and disseminating innovation in research data management practice, within their countries and disciplines, can be as important as the data they hold.',

https://www.cessda.eu/content/download/1431/20407/file/04_Benefits_Factsheet_final.pdf

cessda eric

SaW - State of the art Reports

**Table 1.4.1: Target countries for CESSDA SaW Report** (ERA countries, N=44)

Broader eco-system	DAS proto-activities	Capa-bility requi-rement	Basic info only	No report
35	11	23	5	5

SaW WP3, D3.2 (2017): Country report on development potentials

Size of DAS (estimated FTE rounded)	Table 1: Country by Size of a DAS Countries
1	Belgium, Estonia, Hungary, Italy, Lithuania, Poland, Portugal, Romania, Slovakia
5	Czech Republic, Greece, Ireland, Russia, Slovenia
10	Denmark, Finland, Sweden, Switzerland
20 and more	Germany, Netherlands, Norway, United Kingdom

SaW WP3, D3.6 (2017): Final integrated audit report

cessda eric

Organisational Infrastructure DAS self-assessment by size of organisation (2017);
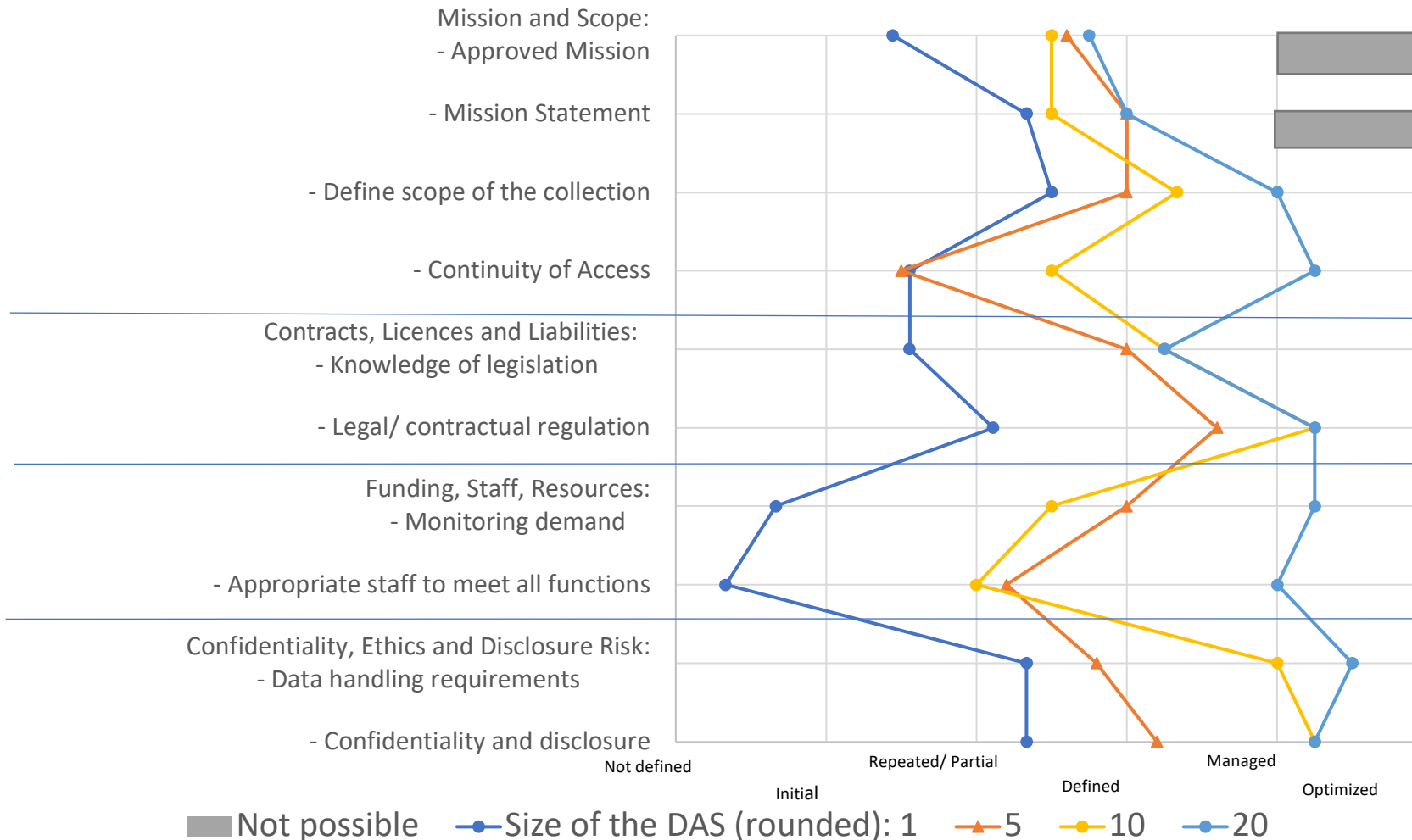
cf. Human and Organisational capital, not to mention Data (Intellectual capital)

SaW WP3, D3.6 (2017): Final integrated audit report

Excerpts from SaW 2017 country reports

X Data archive (...) was founded in 200? and has been member of CESSDA since 20??. Development of the organisational infrastructure of X shows a mature DAS with insufficient funding and hence not fully operational.

At the moment of audit, X is performing only basic functions to provide access to existing data. There are no new decisions about future funding(...)

This institution is well developed regarding internal standards of data acquisition, archiving and publishing. Problematic moment is the low level of institutionalization of this archive. It is neither independent organization nor department in organization(...)

Z has partial plans to ensure the continued availability and accessibility of data in case the organization ceases to operate, but there is no general plan about what will be with data after potential end of Z.

There is a strong need for a national policy and strategy with regard to RDM and RDM support.
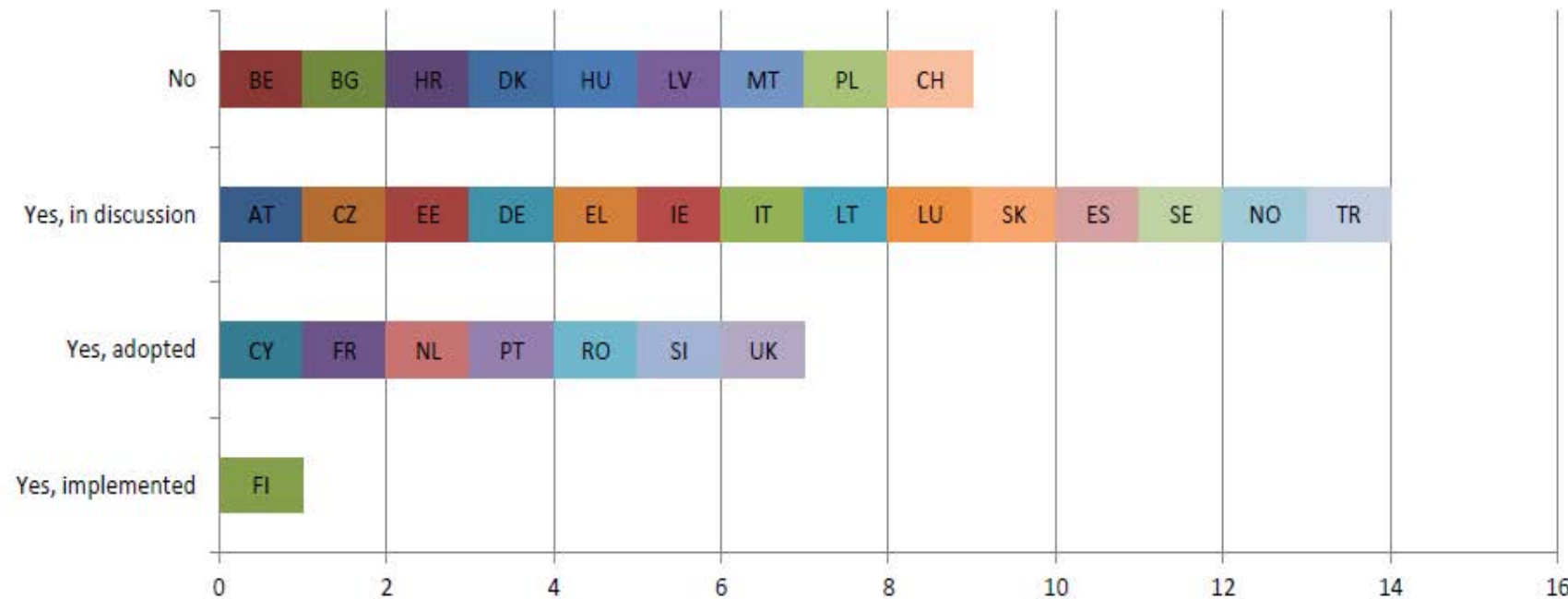
The Y has a long-standing mission statement that has not been subject to approval by other organizations.

Strenuous efforts are made to assure that Y is in compliance with all aspects of the regulatory environment and international best practices with regard to handling of confidential data.

cessda eric

EU Commission:

EOSC Strategic Implementation Roadmap 2018-2020 May 2018 report

European Commission

How are EU Member States doing?

3.1a National Policies or overall strategies to encourage or mandate dissemination of and OA to research data are defined at the national level
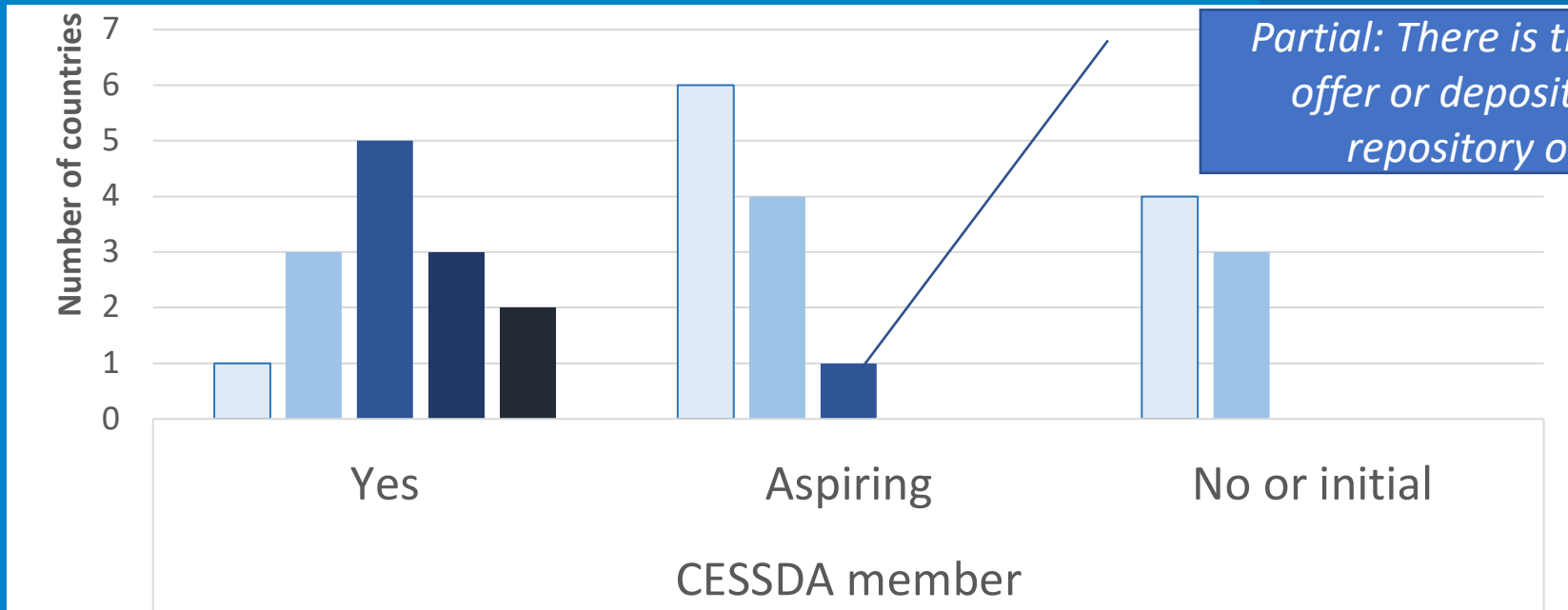
	0	2	4	6	8	10	12	14	16
No	BE BG HR DK HU LV MT PL CH								
Yes, in discussion	AT CZ EE DE EL IE IT LT LU SK ES SE NO TR								
Yes, adopted	CY FR NL PT RO SI UK								
Yes, implemented	FI								

Source: NPR 2nd Report 2017 (to be published in spring 2018)

Figure 12: RDM policy requirements: Appropriate place of data deposit defined* by CESSDA Membership status

Partial: There is the expectation or recommendation to offer or deposit data in an appropriate disciplinary repository or equivalent data archive service

SaW WP3, D3.6 (2017): Final integrated audit report

cessda eric

PRESENT MEMBERS

Cost-Benefit Advocacy Toolkit:

Professional networks and relationship capital are critical in fostering innovation and best practice internationally. The role of CESSDA as a professional network for social science data archives in Europe is particularly important in this context.

Members
Partners
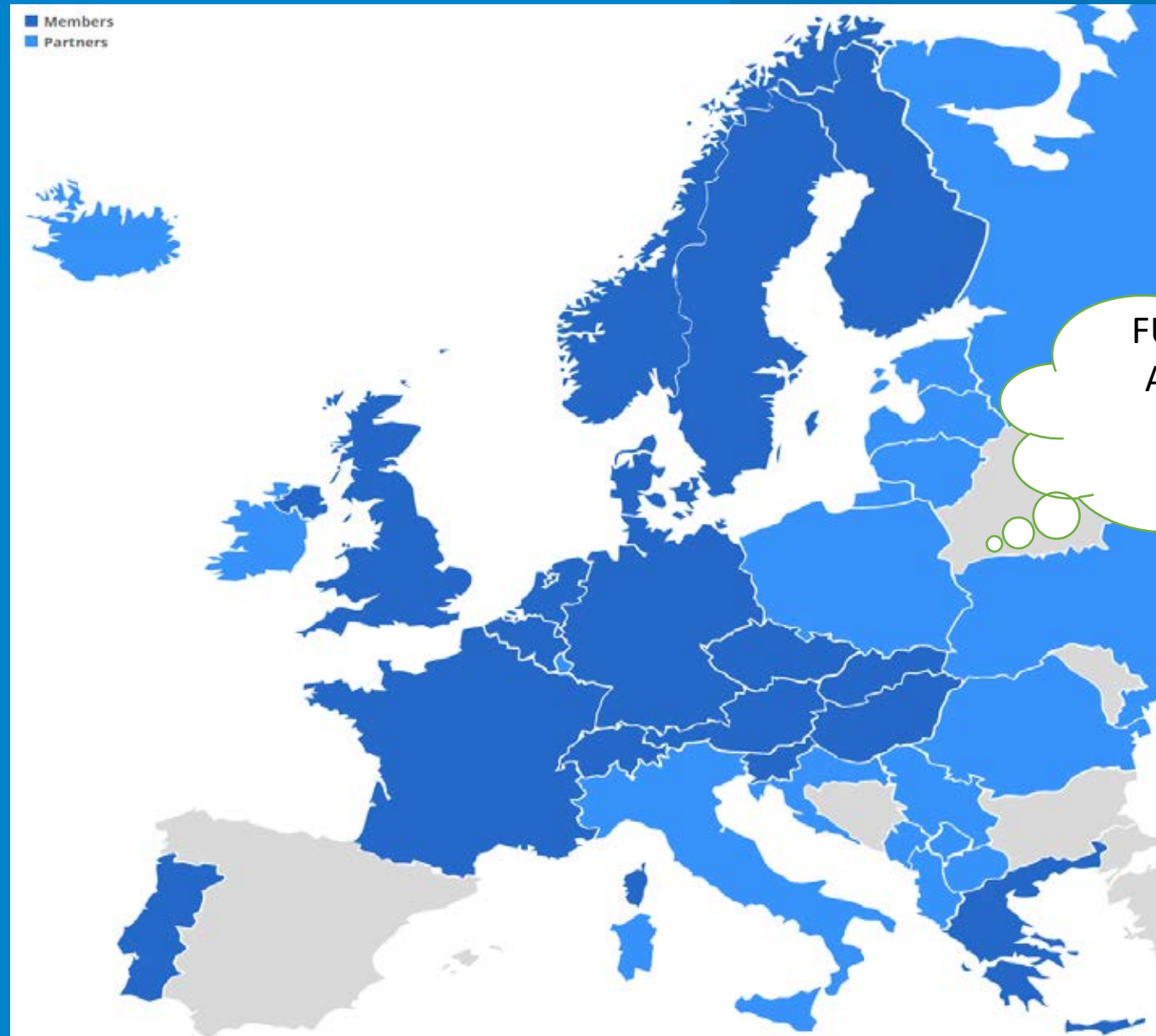
FUTURE: CESSDA AIMS FOR FULL EUROPEAN COVERAGE

cessda eric

CESSDA Widening project 2018: WP3 - Monitoring

» Update contact list – following the Milan workshop, <u>participants will be asked for an update</u>

» Monitoring system of state of play in prospective non-CESSDA countries (adapted on the base of SaW approach)

» September: Short interviews will take place: <u>We ask for cooperation!!!</u>

» Purpose: to allow for update information on situation in countries (services upgrade, recent activities, promotion among stakeholders, and advocacy in national setting)

» Helps setting aspirations, assessment of benefit, impact

» Inform action: Cost of Inaction?

» Helps planning where to go

» CESSDA Widening will continue with supporting the How to?

cessda eric

Questions

» Arhiv družboslovnih podatkov / Social Science Data Archives

Univerza v Ljubljani
Fakulteta za družbene vede
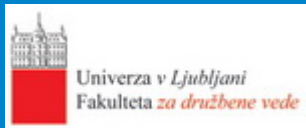
» Contact:

» janez.stebe@fdv.uni-lj.si

» adp.fdv.uni-lj.si

cessda eric