Joining Networks in the World of Open Science

Riitta Maijala
Bill and Melinda Gates Foundation 2014

LIBER Statement on Enabling Open Science 2014

Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities 2003

Bethesda Statement on Open Access Publishing 2003

Budapest Open Access Initiative 2002

Human Genome Project 2003

Open Knowledge International 2004

DOAJ 2003

NIH Public Access Policy 2009

Horizon 2020 2014–2020

ATT initiative Finland 2014–2017

EUDAT 2011

CERN Open Data Portal 2014

OECD Declaration on Access to Research Data from Public Funding 2004

Human Genome Project 2003

Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities 2003

Academia.edu 2008

ResearchGate 2008

University of Southampton’s School of Electronics & Computer Science official self-archiving mandate 2002

ResearchGate 2008

SPARC Europe 2001

Competitiveness Council conclusions 2016

European Open Science Agenda 2016

LERU OA cost statement 2015

HAGUE declaration 2015

Amsterdam Call for Action 2016

TOWARDS OPEN SCIENCE

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Joining Networks in the World of Open Science

- Motivation and inspiration of organisations and people
- Working with networks and bridging between networks
- Delivering infrastructures, services and competence
Overall maturity level of open science operating culture in Finnish higher education institutions in 2015 (n = 38)*

*http://openscience.fi/openculture

Level 1: Unmanaged
- No systematic development towards openness

Level 2: Partly managed
- Partial policies and tools

Level 3: Defined
- Processes have started

Level 4: Managed
- Collective, well-managed development

Level 5: Strategic
- Proactive, systematic actions

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Alignment to the Horizon 2020 Open Access Policy

Average alignment to H2020 by country

Alignment to H2020 by individual policy

Number of Policies currently registered

Policymaker Type
- funder
- funder_and_research_org
- multiple_research_orgs
- research_org
- research_org_subunit

Percentage individual policy alignment with H2020
23.076923977 to 100

Source: ROARMAP, accessed 24 June 2016
Academy of Finland and Open Science

Data management plans required

Recommended archives and storage services
- FSD, FIN-CLARIN, CERN Zenodo, EUDAT
- ATT initiative: AVAA, Etsin, IDA

Committed to promoting the ATT initiative
- to support scientific research
- to develop framework conditions for research

Funding for publishing costs provided

Openly available publications required

Data storage and availability recommended
Organisation of the Open Science and Research Initiative (ATT initiative) in 2014–2016
Academic publishers’ cost information of 63 Finnish research organisations in 2010–2015

Dataset available at:

Research data finder

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BRIDGING WITH DIFFERENT NETWORKS
- Commitment with common goals
- Ideas, problems, questions, solutions

MOTIVATION AND INSPIRATION
- Information and knowledge
- Benchmarking with peers
- Incentives

DELIVERY
- Infrastructures and services
- Competence
- Change agents

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THANK YOU!

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