



OUTLINE

Open Science = RRI?

Policy making levels of Open Science

What about services and support services?

OpenAIRE – technical infrastruture and human network

Who makes this happen?





OPEN SCIENCE = RRI?

"As open as possible, as closed as necessary"

Is Open Science same thing as Responsible Research and Innovation?

In Finland

Open Science https://avointiede.fi/en

Responsible Research https://vastuullinentiede.fi/en

Information about Finland https://research.fi/en/







POLICY MAKING LEVELS OF OPEN SCIENCE

International level Declarations, movements, initiatives and incentives

National level
Declarations, policies, recommendations, initiatives
and incentives

Organisational level

Engagement, policies, recommendations, support, projects, incentives





NATIONAL LEVEL OPEN SCIENCE (POLICY) **ACTIVITIES IN FINLAND**

Open Science Expert Panels

- Culture of open scholarship
- Open data
- Open access
- Open education
- **Under each Expert Panel** there are several Working Groups

Coordination

"Coordination is supported by The Federation of Finnish Learned Societies with funding from the Ministry of Education and Culture "

Declaration for Open Science and Research

Policies of Open Science and Research in Finland

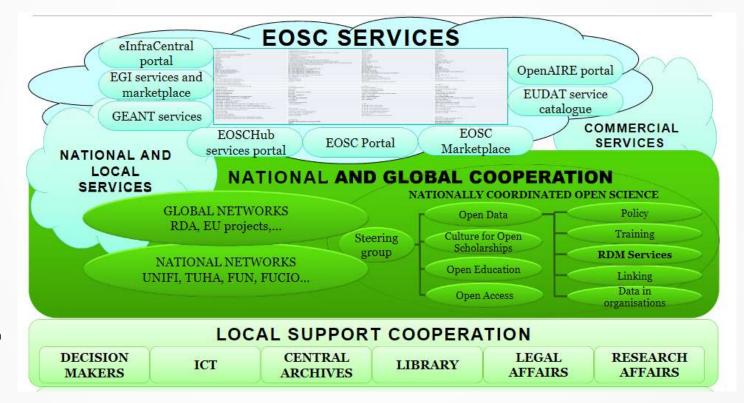
- Policy for Open Access to Scholarly Publications
- Policy for Open Scholarship
- Policy for Open Access to Research Data and Methods
- Policy for the Open **Education and Educational** Resources

Open Science in Finland https://avointiede.fi/en





WHAT ABOUT SERVICES? GLOBAL SERVICES NEED LOCAL SUPPORT



Assinen, Pauli. (2020). EOSC Services
Need Local Support. Zenodo.
http://doi.org/10.5281/zenodo.3628298
EOSC Symposium 2019, Budapest,
Hungary, 26-28 November 2019 (Session
EOSC Key Exploitable Results,
https://www.eoscsecretariat.eu/eoscsymposium2019/eosc-key-exploitableresults)





LOCAL SUPPORT FOR RESEARCHERS

LOCAL SUPPORT COOPERATION

DECISION MAKERS

ICT

CENTRAL ARCHIVES

LIBRARY

LEGAL AFFAIRS RESEARCH AFFAIRS

DATA SUPPORT SERVICES FOR RESEARCHERS - DRAFT

Basic services

- · Support staff has basic RDM skills
- Support email addresses
- Website with basic RDM information and organisational guidelines

Advanced services

- Deeper understanding of RDM
- Helpdesk, single point of contact
- · Training and consulting
- Website with e.g. checklists and recommendations about services

Premium services (dream)

- AI app chooses services and sends service requests
- Helpdesk/chat 24/7
- Aligned funder requirements
- Contract templates and consultation
- Enough support resources

USER STORIES

used in the workshops (knowing that the list is not exhaustive):

· As a researcher, I want to send my DMP for commenting, to be sure that my DMP is valid/sufficient



- ? As a researcher, I want to move my data from my personal storage device to storage service outside my organization, in order to make it possible for researchers outside my organization to use this data
 - · As a researcher, I want to store non-anonymous data to data repository, to secure safe storage and reuse
 - · As a researcher, I want to share a link to my data, to enhance visibility and reuse of my data
 - · As a researcher, I want to publish the metadata of my research data, to increase the visibility and findability of my research
 - · As a researcher, I want to find information about the best DMP practices recommended by funders, to get funding
 - · As a researcher, I want to contact research support service using any channel I want to use
 - As a researcher/PI/research coordinator, I want to have tools to make and manage contracts about usage rights and licenses, in order
 to give appropriate rights to access and to use the data
 - · As a member of research support service staff / expert, I can easily evaluate and comment DMPs, to help researcher get funding

HELSINGIN YLIOPISTO
HELSINGFORS UNIVERSITET
UNIVERSITY OF HELSINKI

Assinen, Pauli. (2020). EOSC Services

http://doi.org/10.5281/zenodo.3628298

Hungary, 26-28 November 2019 (Session

EOSC Symposium 2019, Budapest,

https://www.eoscsecretariat.eu/eosc-

symposium2019/eosc-key-exploitable-

Need Local Support. Zenodo.

EOSC Key Exploitable Results,

results)





OPENAIRE

Technical infrastructure

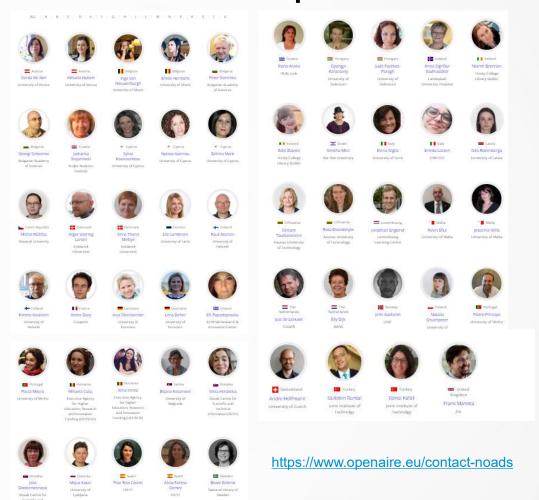


Paolo Manghi: The OpenAIRE Research Graph https://www.openaire.eu/blogs/the-openaire-research-graph

HELSINGIN YLIOPISTO HELSINGFORS UNIVERSITET UNIVERSITY OF HELSINKI



Human network – OpenAIRE NOADs



8



MORE ABOUT OPENAIRE

- OpenAIRE AMKE (https://www.openaire.eu/openaire-amke)
 - "In 2018, OpenAIRE established a legal entity called OpenAIRE A.M.K.E., a non-profit partnership, to ensure a permanent presence and structure for a European-wide national policy and open scholarly communication infrastructure."
 - How to join to OpenAIRE AMKE >
 https://www.openaire.eu/expression-of-interest-eoi-to-join-the-openaire-amke
- OpenAIRE-projects
 - Series of projects since 2009 enhancing Open Science
 - Ongoing OpenAIRE Advance (ending 2/2021)
- OpenAIRE is essential part of European Open Science Cloud





WHO MAKES THIS HAPPEN?







RDM SUPPORT STAFF NATIONAL AND INTERNATIONAL COLLABORATION

- Channels
 - Associations, Conferences, Working/Interest Groups, Personal contacts, Study visits etc.
- Pros
 - Learning, improving skills/capabilities
 - Peer support; sharing experiences and ideas
 - Co-creation / shared services
- Cons
 - Time consuming (time is money!) > not enough resources? Prioritisation?
 - Giving more than getting from cooperation?



