Joining Networks in the World of Open Science

Riitta Maijala

Liber Annual Conference 29 June 2016, Helsinki

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LERU OA cost statement 2015

HAGUE declaration 2015

LIBER Statement on Enabling Open Science 2014

Competitiveness Council conclusions 2016

European Open Science Agenda 2016

Amsterdam Call for Action 2016

ATT initiative Finland 2014–2017

Horizon 2020 2014–2020

Bill and Melinda Gates Foundation 2014

NIH Public Access Policy 2009

Academia.edu 2008

ResearchGate 2008

Open Knowledge International 2004

DOAJ 2003

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

Bethesda Statement on Open Access Publishing 2003

TOWARDS OPEN SCIENCE

SPARC Europe 2001

Budapest Open Access Initiative 2002

University of Southampton's School of Electronics & Computer Science official self-archiving mandate 2002
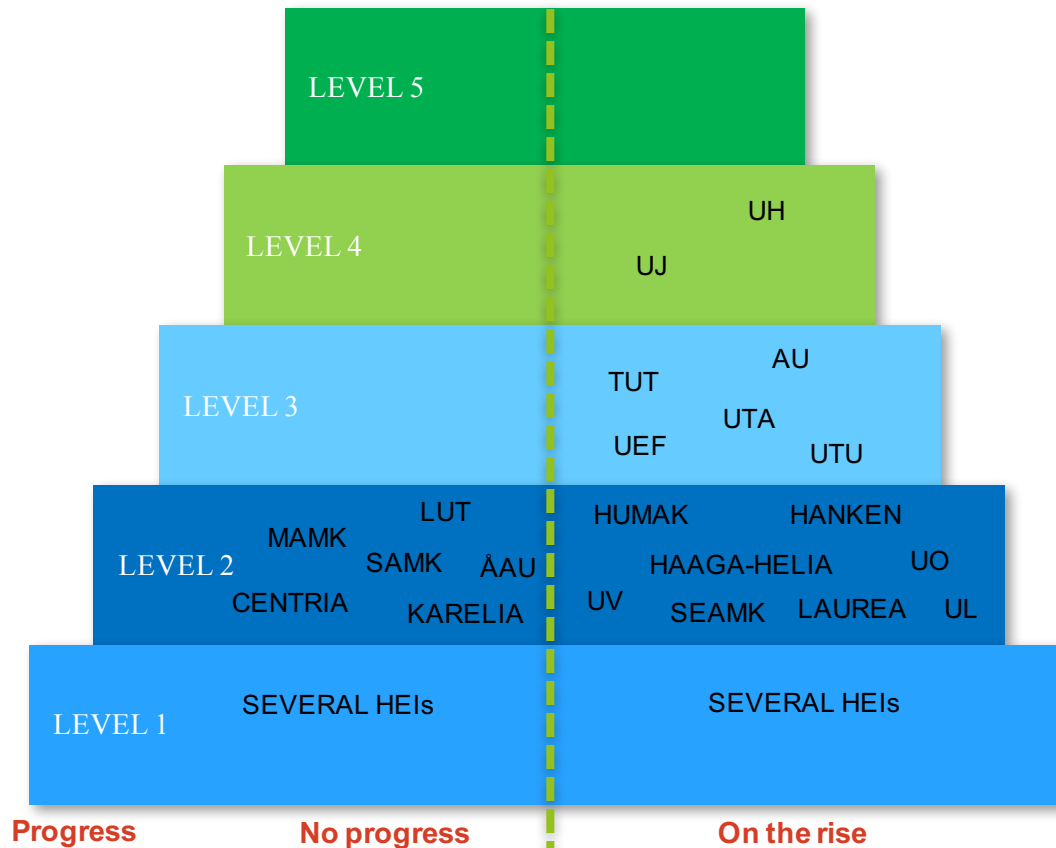
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Joining Networks in the World of Open Science

- **Motivation and inspiration of organisations and people**
- **Working with networks and bridging between networks**
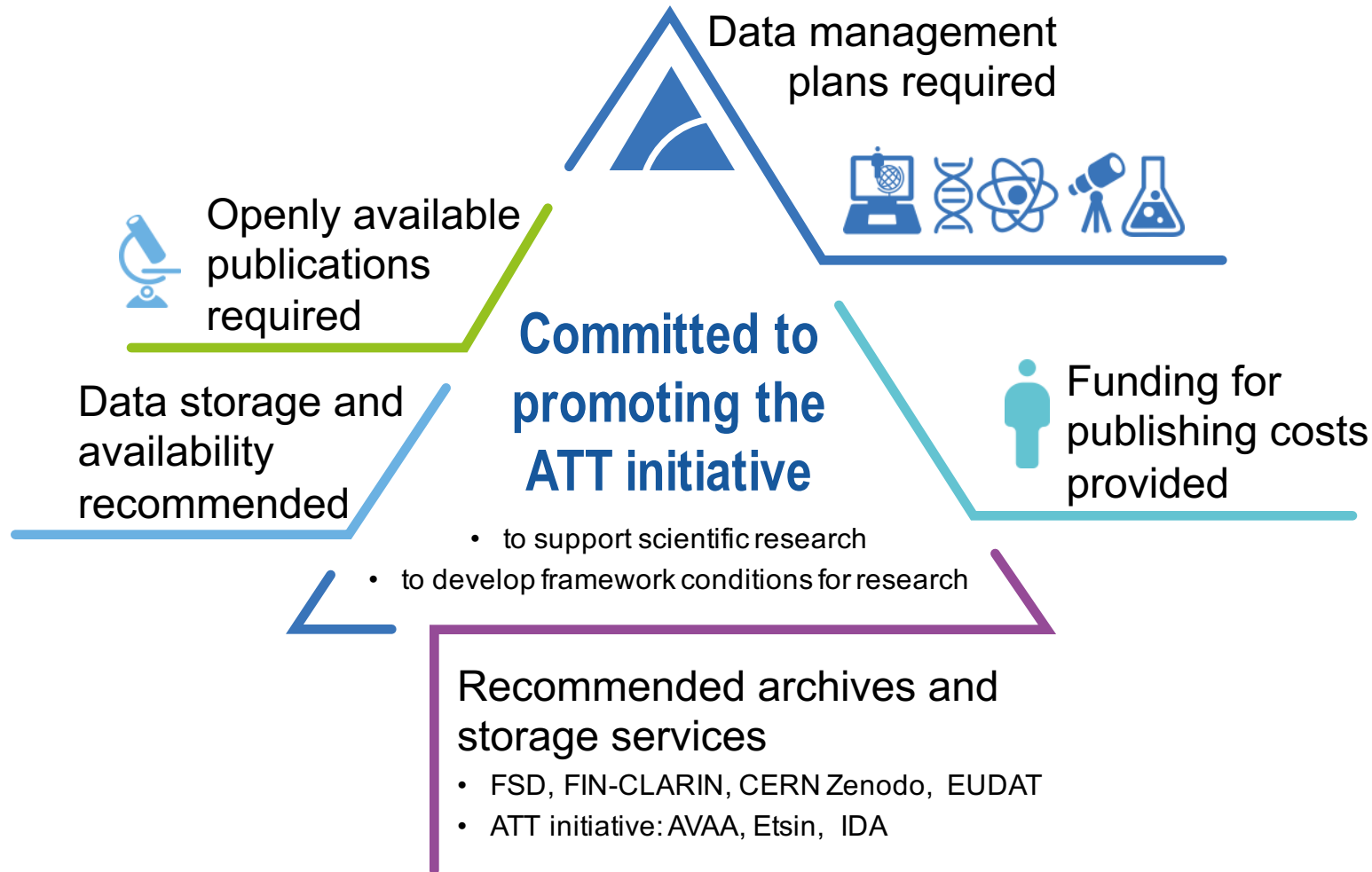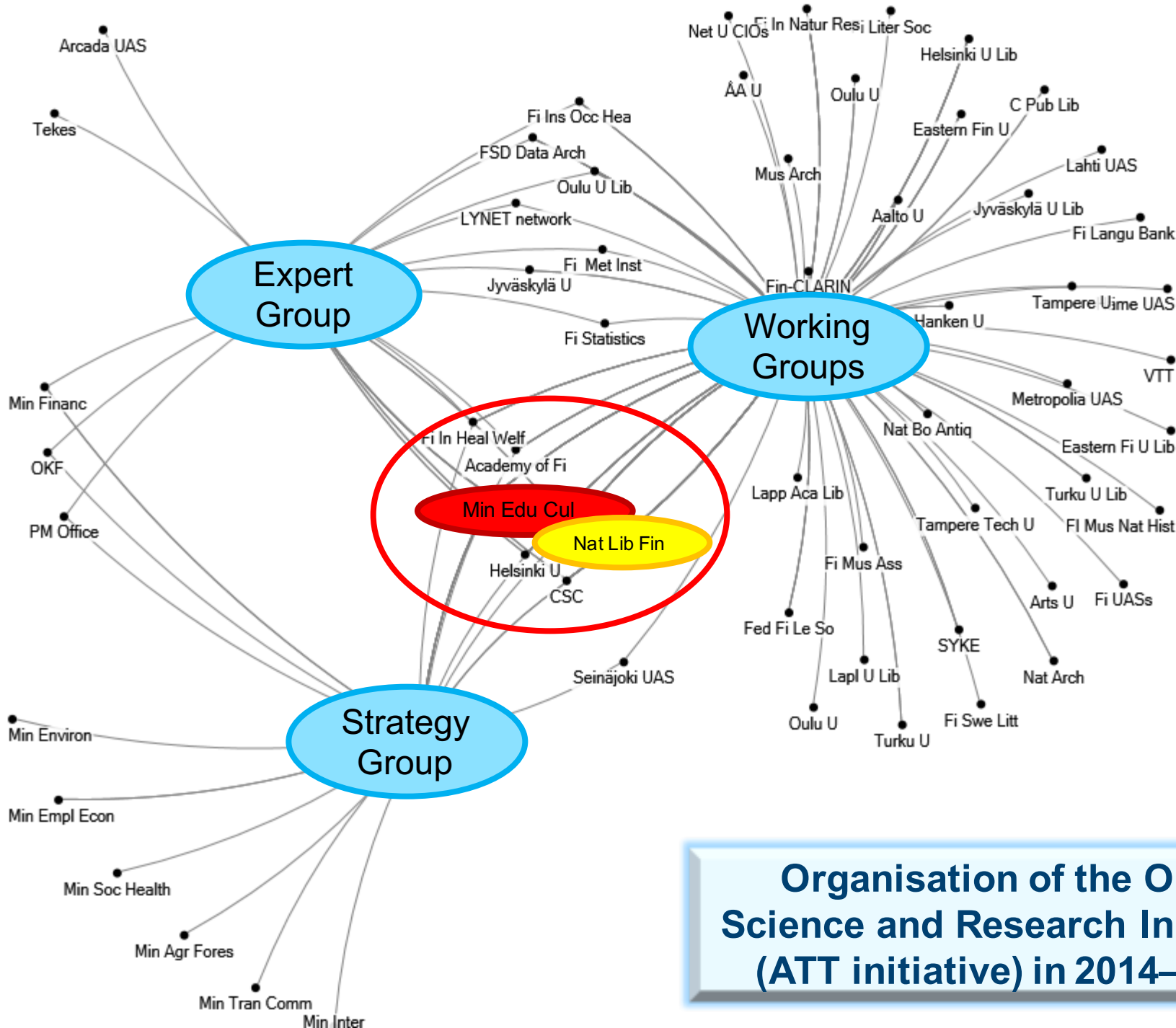- **Delivering infrastructures, services and competence**

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Overall maturity level of open science operating culture in Finnish higher education institutions in 2015 (n = 38)*

LEVEL 5

LEVEL 4
- UH
- UJ

LEVEL 3
- AU
- TUT
- UTA
- UEF
- UTU

LEVEL 2
- LUT
- MAMK
- SAMK
- ÅAU
- CENTRIA
- KARELIA
- HUMAK
- HANKEN
- HAAGA-HELIA
- UO
- UV
- SEAMK
- LAUREA
- UL

LEVEL 1
- SEVERAL HEIs
- SEVERAL HEIs

Progress | **No progress** | **On the rise**

Level 1 Unmanaged	Level 2 Partly managed	Level 3 Defined	Level 4 Managed	Level 5 Strategic
No systematic development towards openness	Partial policies and tools	Processes have started	Collective, well-managed development	Proactive, systematic actions

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http://openscience.fi/openculture

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Alignment to the Horizon 2020 Open Access Policy

Average alignment to H2020 by country

Continent
- ☑ Africa
- ☑ Americas
- ☑ Asia
- ☑ Europe
- ☑ Oceania

Alignment to H2020 by individual policy

Number of Policies currently registered

770

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

Percentage individual policy alignment with H2020
23.076923077 to 100

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Source: ROARMAP, accessed 24 June 2016

Academy of Finland and Open Science

Data management plans required

Openly available publications required

Committed to promoting the ATT initiative

Data storage and availability recommended

Funding for publishing costs provided

- to support scientific research
- to develop framework conditions for research

Recommended archives and storage services
- FSD, FIN-CLARIN, CERN Zenodo, EUDAT
- ATT initiative: AVAA, Etsin, IDA
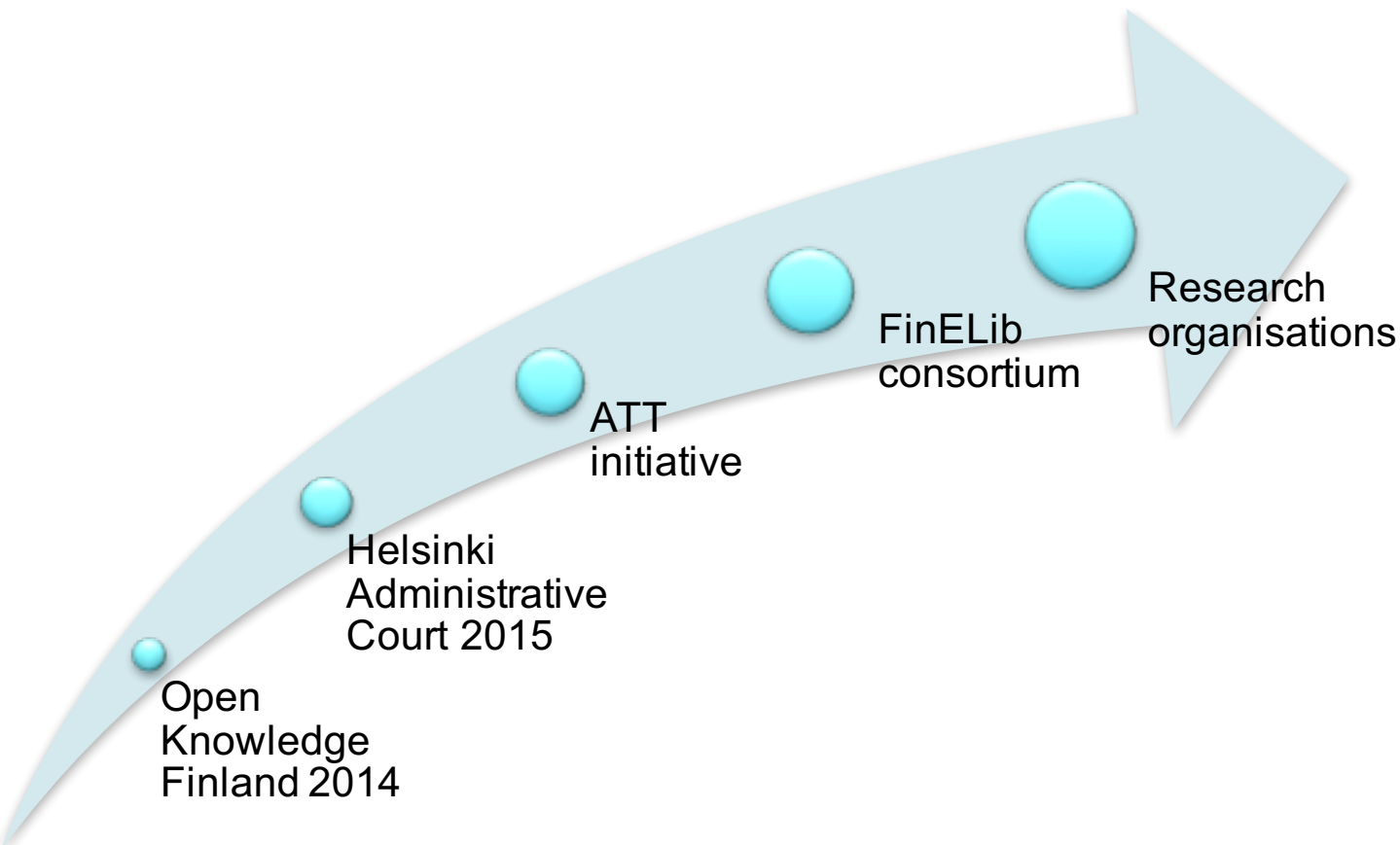
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Organisation of the Open Science and Research Initiative (ATT initiative) in 2014–2016

Academic publishers' cost information of 63 Finnish research organisations in 2010–2015

Open data published on 13 July 2016

Research organisations

FinELib consortium

ATT initiative

Helsinki Administrative Court 2015

Open Knowledge Finland 2014

Etsin

Dataset available at:

Research data finder

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Joining Networks in the World of Open Science

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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