Tervetuloa!

This is FAIRsFAIR

Jessica Parland-von Essen, CSC

Why FAIRsFAIR? Discussion with *Eetu Mäkelä* & *Ari Asmi,* University of Helsinki

Good practices of data steward and research software engineer collaboration

Angus Whyte & Patricia Herterich, University of Edinburgh

Implementing the FAIR principles

Mari Kleemola, FSD

FAIRsFAIR support for repositories

Josefine Nordling, CSC

FAIRsFAIR tools assessing FAIR

Hanna Koivula, CSC

Video: https://youtu.be/K-kEvfaUJdA

FAIRSFAIR
Fostering Fair Data Practices in Europe

Go to menti.com and use code 6850 2517

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Fostering Fair Data Practices in Europe

Introducing FAIRsFAIR

Jessica Parland-von Essen

WP 2 lead

FAIRsFAIR "Fostering FAIR Data Practices in Europe" has received funding from the European Union's Horizon 2020 project call H2020-INFRAEOSC-2018-2020 Grant agreement 831558

FAIRsFAIR in a nutshell

FAIRsFAIR - *Fostering Fair Data Practices in Europe* - aims to supply practical solutions for the use of the FAIR data principles throughout the research data life cycle with an emphasis on fostering FAIR data culture and the uptake of good practices in making data FAIR.

FAIRsFAIR key facts

- Starting date: March 1 2019
- Duration: 36 months
- Budget: 10 million euro
- 22 partners from 8 Member States
- 6 core partners: DANS (project coordinator), CSC, DCC, TrustIT, STFC, EUA

FAIRsFAIR partners

Data Archiving and Networked Services
DANS

Trust-IT Services
ICT to markets

Universiteit van Amsterdam

DCC

HELSINGIN YLIOPISTO
HELSINGFORS UNIVERSITET
UNIVERSITY OF HELSINKI

COMMITTEE ON DATA
CODATA
INTERNATIONAL SCIENCE COUNCIL

eua
EUROPEAN UNIVERSITY ASSOCIATION

uc3m | Universidad Carlos III de Madrid

CSC

Inria

Universidade do Minho

SURF SARA

SPARC Europe

DataCite
FIND, ACCESS, AND REUSE DATA

Science & Technology Facilities Council | UK Research and Innovation

University of Essex

esciencedata FACTORY

GEORG-AUGUST-UNIVERSITÄT GÖTTINGEN

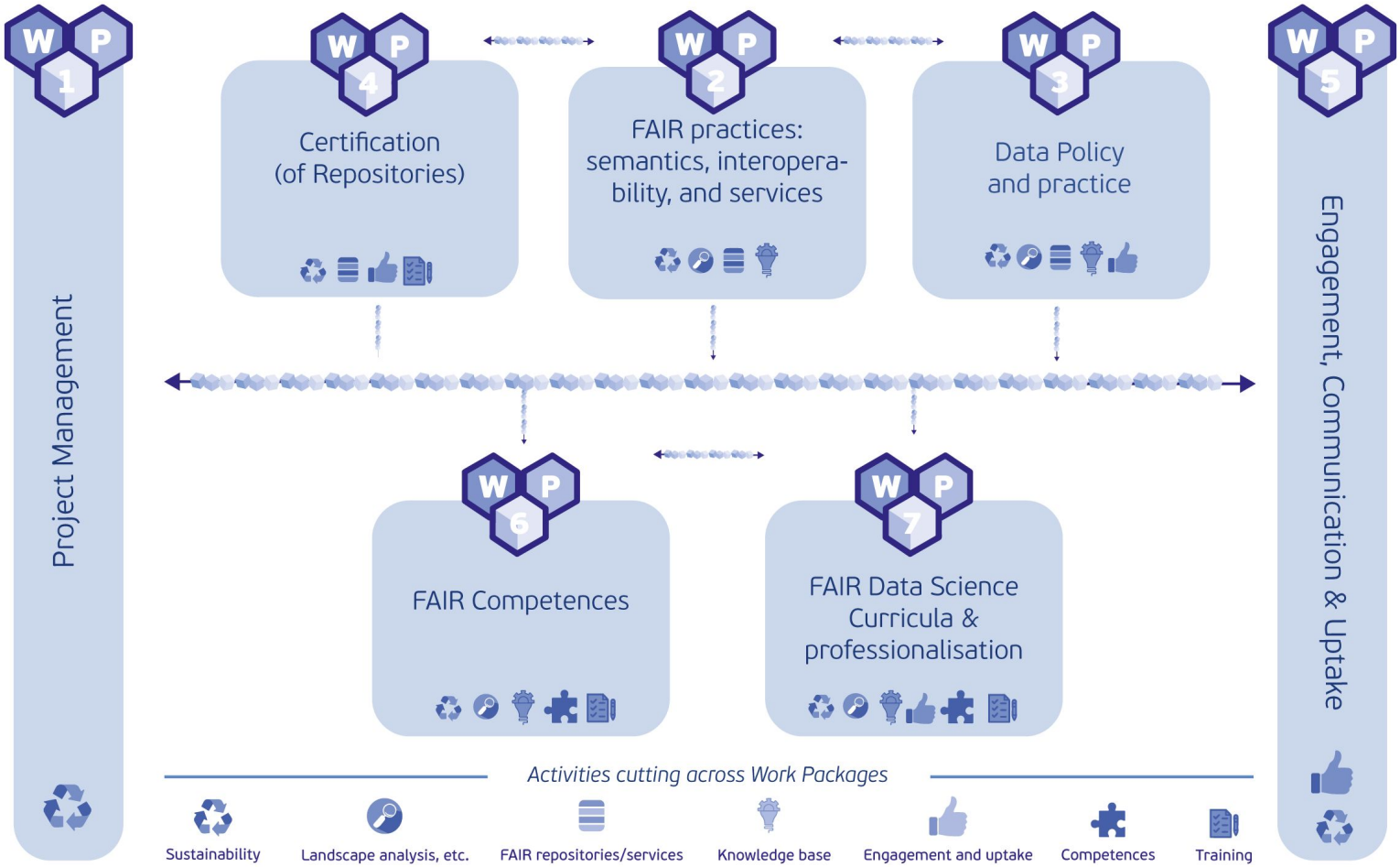
INES
Centre Informatique National de l'Enseignement Supérieur

RDA
RESEARCH DATA ALLIANCE

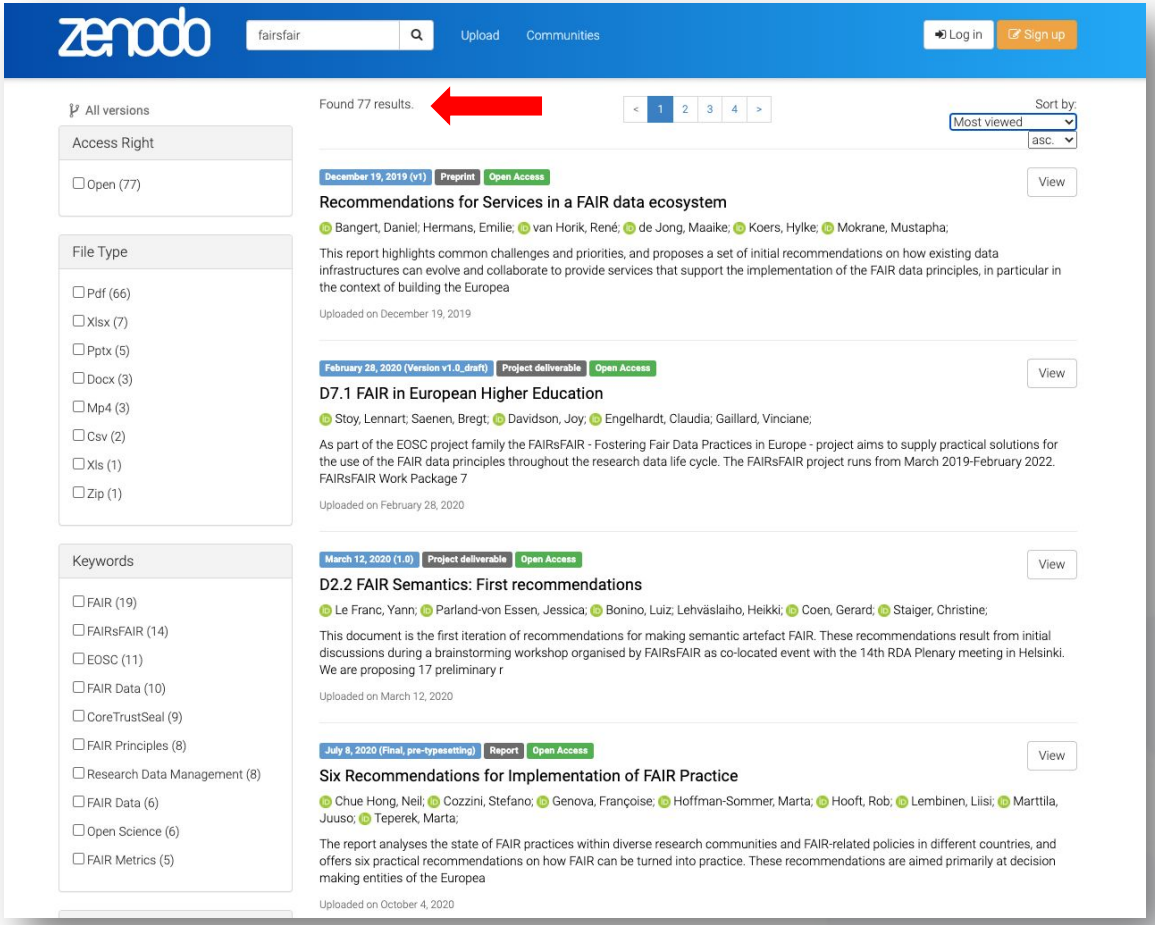
DTL

Universität Bremen

FAIRsFAIR workplan



FAIRsFAIR results



https://zenodo.org/search?page=1&size=20&q=fairsfair

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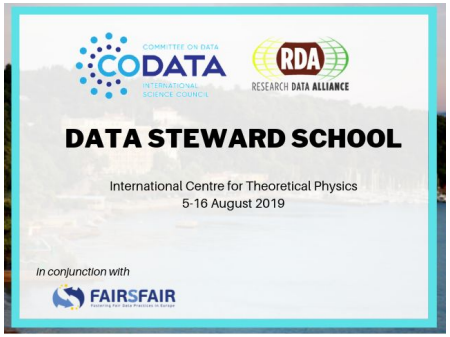
Results in many shapes and forms

FAIR | Aware

F-UJI | Automated FAIR Data Assessment Tool



FAIRSFAIR TRUST&FAIR CERTIFICATION SUPPORT

FAIRSFAIR FAIR INTEROPERABILITY SUPPORT

Recommendations to increase FAIR practices in academia

ADDRESSING FAIR IN HIGHER EDUCATION

1. Include more specific research data-related skills and competencies throughout the universities' educational portfolio
2. Establish minimum level of awareness of RDM and FAIR
3. Practical guidance on the application of the FAIR principles in different domains and disciplines, and related skills and competences
4. Define training programmes on research data skills and ces for researchers and professional staff,

RESEARCH DATA POLICIES & SUPPORT SERVICES

1. Define institutional research data policies together with all relevant units
2. Offer research data support services to researchers and staff
3. Include FAIR data in research data policies
4. Align FAIR policies with funders' requirements
5. Enable time and/or financial resources to train staff

UNIVERSITIES AND THE EUROPEAN OPEN SCIENCE CLOUD

1. Increase institutional capacity and awareness of EOSC
2. Develop use-cases for EOSC to facilitate collaborative research
3. Ensure that EOSC is a publicly-owned infrastructure that has open principles at its core

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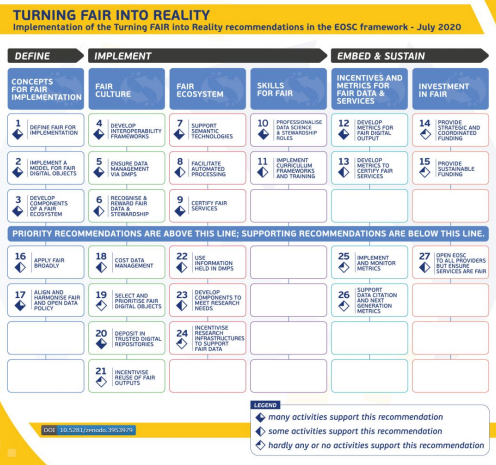
TURNING FAIR INTO REALITY
Implementation of the Turning FAIR into Reality recommendations in the EOSC framework - July 2020



FAIRdata Forum

FAIR | Data Object Assessment Metrics

FAIRsFAIR landscape activities 2019-2020

Semantics and Interoperability

Policies and Practices

HEIs and FAIR Data

- **D3.1 FAIR Policy landscape analysis**
  https://zenodo.org/record/3558173
- **D3.3 Policy Enhancement Recommendations**
  https://zenodo.org/record/3686901
- **D7.1 FAIR in European Higher Education**
  https://zenodo.org/record/3629683

FAIRsFAIR policy recommendations

Collectively agree on a **common set of FAIR policy elements** to describe policies.

FAIRsFAIR Policy Characterisation Data for D3.1
https://zenodo.org/record/3550544

SRIA: https://www.eoscsecretariat.eu/sites/default/files/open_consultation_booklet_sria-eosc_20-july-2020.pdf

AA9 Landscape Monitoring

*Monitor **standardised** national Open Science and FAIR data strategies, including the description of these policies.*

Collected recommendations and requirements for FAIR-enabling services
https://doi.org/10.5281/zenodo.4293778

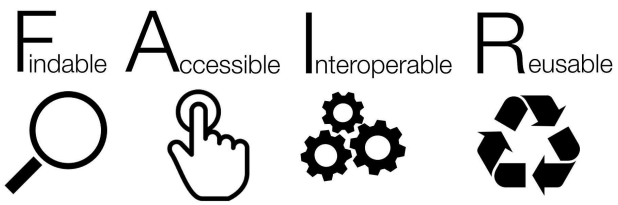
Recommendations on practice to support FAIR data principles
https://doi.org/10.5281/zenodo.3924132

What does a data steward do?
https://doi.org/10.5281/zenodo.4572719

Report on Fair Data Assessment Mechanisms to Develop Pragmatic Concepts for Fairness Evaluation at the Dataset Level https://doi.org/10.5281/zenodo.4118405

FAIR Semantics Recommendations Second Iteration
https://doi.org/10.5281/zenodo.4314321

Assessment report on 'FAIRness of software'
https://doi.org/10.5281/zenodo.4095092



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Learn more on our web site

https://fairsfair.eu/

Why FAIR, ESOC and FAIRsFAIR?

Ari Asmi & Eetu Mäkelä
University of Helsinki

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