



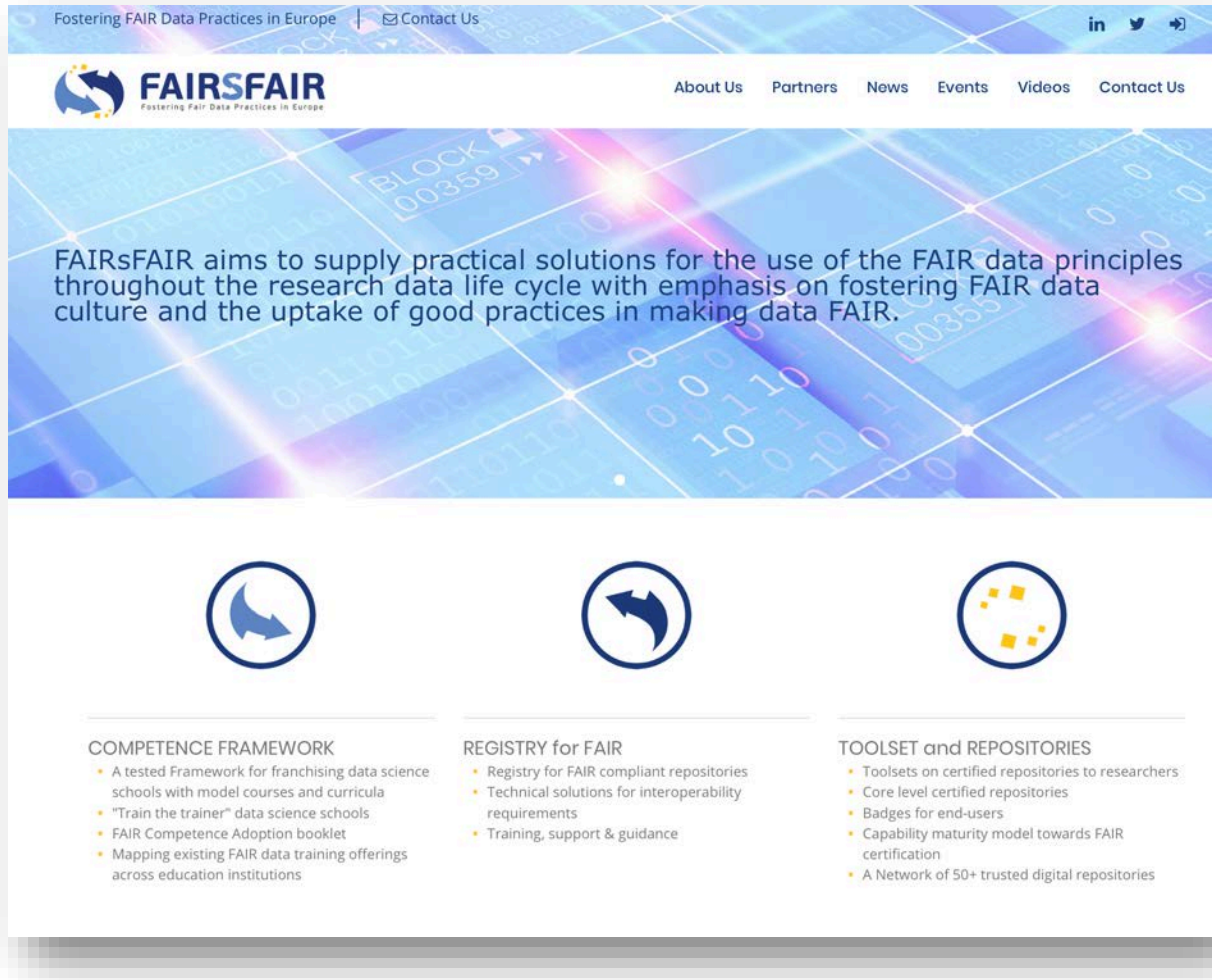
FAIRsFAIR
Fostering Fair Data Practices in Europe

Fostering FAIR Data Practices in Europe: The FAIRsFAIR Project

Ingrid Dillo
DANS/Project Coordinator FAIRsFAIR

2e Réunion Annuelle RDA France, 13-09-2019

Overall aims



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FAIRSFAR
Fostering Fair Data Practices in Europe

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FAIRSFAR aims to supply practical solutions for the use of the FAIR data principles throughout the research data life cycle with emphasis on fostering FAIR data culture and the uptake of good practices in making data FAIR.

COMPETENCE FRAMEWORK

- A tested Framework for franchising data science schools with model courses and curricula
- "Train the trainer" data science schools
- FAIR Competence Adoption booklet
- Mapping existing FAIR data training offerings across education institutions

REGISTRY for FAIR

- Registry for FAIR compliant repositories
- Technical solutions for interoperability requirements
- Training, support & guidance

TOOLSET and REPOSITORIES

- Toolsets on certified repositories to researchers
- Core level certified repositories
- Badges for end-users
- Capability maturity model towards FAIR certification
- A Network of 50+ trusted digital repositories

www.fairsfair.eu

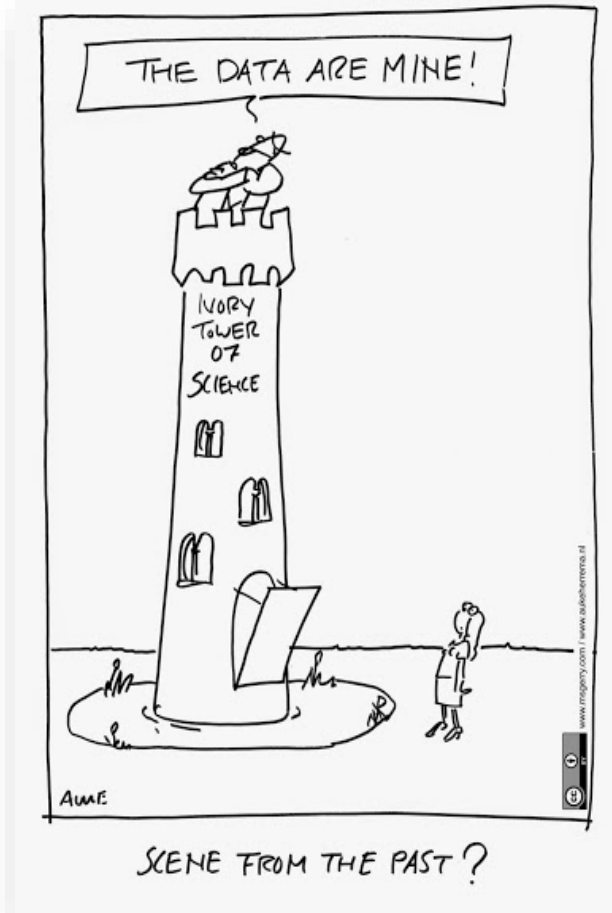
- supplying practical solutions for the use of the FAIR data principles throughout the research data life cycle;
- fostering FAIR data culture and the uptake of good practices in making data FAIR;
- key role in the development of standards for FAIR certification of repositories and the data within them.

FAIRSFAR will provide a platform for using and implementing the FAIR principles in the day to day work of European research data providers and repositories.

FAIRSFAR will also deliver essential FAIR dimensions of the Rules of Participation (RoP) and regulatory compliance for participation in the EOSC.



Implementation of recommendations from the EOSC HLEG and the Expert Group on FAIR Data, in the context of the development of the EOSC.



FAIRSF AIR in a nutshell

Call: H2020-INFRAEOSC-5c

Budget: 10 million euro

Length: 36 months

Starting date: March 1 2019

22 partners from 8 MS

6 core partners

Data Archiving and Networked Services

DANS



**Science & Technology
Facilities Council**























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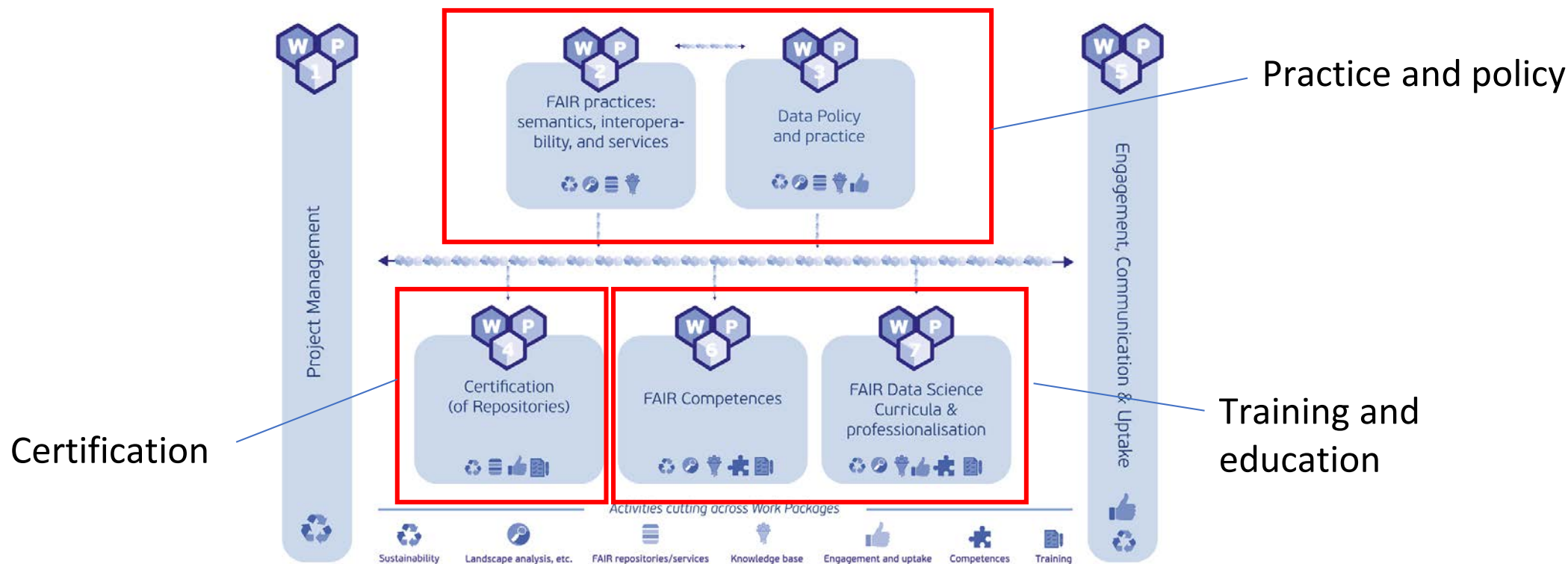
Partners

Home / Partners

 <p>Data Archiving and Networked Services DANS</p>	 <p>Trust-IT Services Communicating ICT to markets</p>	 <p>UvA UNIVERSITEIT VAN AMSTERDAM</p>	 <p>UK DATA ARCHIVE</p>
 <p>DCC</p>	 <p>UNIVERSITY OF HELSINKI FACULTY OF SCIENCE</p>	 <p>U Universität Bremen</p>	 <p>Universidade de Minho</p>
 <p>uc3m Universidad Carlos III de Madrid</p>	 <p>SURF SARA</p>	 <p>Science & Technology Facilities Council UK Research and Innovation</p>	 <p>SPARC Europe</p>
 <p><i>Inria</i></p>	 <p>GEORG-AUGUST-UNIVERSITÄT GÖTTINGEN</p>	 <p>eua EUROPEAN UNIVERSITY ASSOCIATION</p>	 <p>esience data FACTORY</p>
 <p>DTL</p>	 <p>DataCite Find, access, and reuse data.</p>	 <p>CSC</p>	 <p>COMMITTEE ON DATA CODATA INTERNATIONAL SCIENCE COUNCIL</p>
 <p>INES Centre International National de l'Enseignement Supérieur</p>	 <p>RDA RESEARCH DATA ALLIANCE</p>		

The 22 partners

Work Packages



FAIRsFAIR in action ---



Improve interoperability of FAIR resources



Increase production and use of FAIR data



Develop a capability maturity model towards FAIR certification



Build a network of Trusted Digital Repositories



Set up a FAIR competence centre for all communities



Embed FAIR data education in university programmes

European Group of FAIR Champions

Ambassadors

sharing FAIR implementation stories, enhancing synergies, contributing to training activities and webinars, and doing an effective cross fertilization with other communities, towards a broader engagement on FAIR.

inputs will be included into the FAIR Landscape Analysis and white papers authored by FAIRsFAIR.





Alastair Dunning
Affiliation: Delft University of Technology
Country: Netherlands

Alastair Dunning is the Head of 4TU.ResearchData (<http://data.4tu.nl>), a data repository for all researchers in science, engineering and design). He is also Head of Research Data Services at Delft University of Technology where he initiated the groundbreaking Data Stewardship project aimed at placing data experts in each faculty of the TU Delft Campus university.

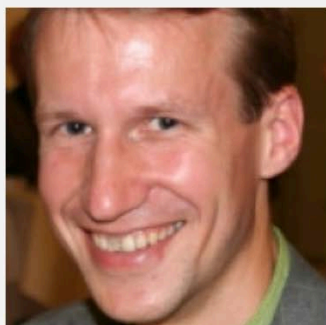
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Odile Hologne
Affiliation: French Institute for Agricultural Research
Country: France

Odile Hologne is delegate for scientific and technical information at the French Institute for Agricultural Research where she has responsibility for implementing open access and open data policy and services. She is thus involved in many international working groups dealing with open science in the agri-food sector and these include GODAN (Global Open Data for Agriculture and Nutrition), RDA (Research Data Alliance) and GO FAIR.

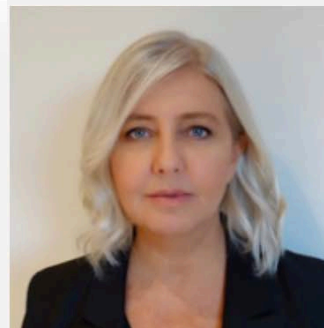
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Andreas Rauber
Affiliation: Institute of Information Systems Engineering
Country: Austria

Andreas Rauber is Head of the Information and Software Engineering Group (IFS) at the Department of Information Systems Engineering (ISE) at the Vienna University of Technology (TU-Wien). He furthermore is president of AARIT, the Austrian Association for Research in IT and a Key Researcher at Secure Business Austria (SBA-Research). He received his MSc and PhD in Computer Science from the Vienna University of Technology in 1997 and 2000, respectively.

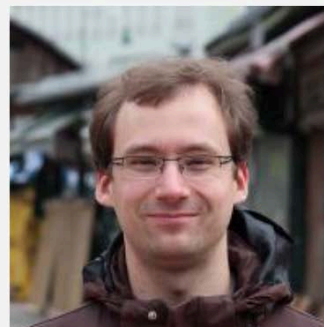
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Susanna-Assunta Sansone
Affiliation: University of Oxford
Country: United Kingdom

Prof. Sansone has worked since 2001 in the areas of data interoperability and reproducibility, research integrity, and the evolution of scholarly publishing, and she collaborates with researchers, service providers, journal publishers, library science experts, funders and learned societies in academic, commercial and government settings alike. One of the authors of the FAIR Principles and an active contributor to several FAIR-enabling maturity indicators and tools. Prof Sansone has been a member of the Dryad and RDA Technical Advisory Boards and currently serves as co-chair of numerous working groups.

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Tobias Weigel
Affiliation: German Climate Computing Center
Country: Germany

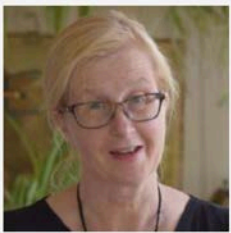
Dr. Weigel has a background in geoinformatics and computer science and works at the German Climate Computing Center (DKRZ) in the area of e-infrastructures at European and international level. An advocate of persistent identifiers, machine-interpretable metadata and reusable software components for data management, Dr. Weigel has a strong interest in building innovative solutions across domains, and harnessing computer science concepts to make work with research data more productive and open.

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Open Call for European FAIR Champions

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Jaana Bäck
Affiliation: University of Helsinki
Country: Finland

Jaana Bäck, University of Helsinki (UH), Institute for Atmosphere and Earth System Research INAR. Prof. Jaana Bäck's field is forest-atmosphere interactions and feedbacks. She has contributed to the conceptual understanding on how biosphere-eco-physiological processes, e.g. biogeochemical cycles, trace gas exchange and soil processes, are affected by environmental factors. In particular, she is interested in how ecosystems act as carbon sinks and contribute to atmospheric aerosol formation and this way slow down the climate change especially in arctic and boreal regions. She has been involved in Arctic research for 30 years, and has studied e.g. the effects of atmospheric pollutants on forests in Lapland.

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David Carr
Affiliation: Wellcome Trust
Country: United Kingdom

David Carr is Programme Manager for Open Research at the I, and helps drive Wellcome's efforts to maximise the availability and use of research outputs (including data, publications, software and materials), in ways that will enrich the research enterprise and accelerate the delivery of health benefits. Prior to this, David was a Policy Adviser at Wellcome where he led on work to develop and communicate Wellcome's policy in several areas, including research data sharing, open access publishing, biosecurity and genetics.

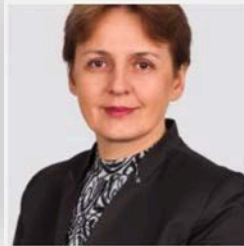
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Patricia Clarke
Affiliation: Health Research Board (HRB)
Country: Ireland (Republic)

Dr. Clarke is Programme Manager, Policy and EU Funding, at the Health Research Board, Ireland and a National Delegate in H2020 Societal Challenge Health, Demographic Change and Wellbeing. Dr. Clarke has a particular interest in open research and is responsible for the HRB Open Research publishing platform. She is also co-chair of the National Open Research Forum with the Higher Education Authority, and a member of the EU Commission expert group on National Points of Reference on Scientific Information.

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Rūta Petrauskaitė
Affiliation: Vytautas Magnus University
Country: Lithuania

Rūta Petrauskaitė is a professor at Vytautas Magnus University and a proponent of data-driven research, Open Access and data sharing initiatives. With research interests ranging from corpus and computational linguistics to discourse analyses, she has initiated and supervised compilations of the first big corpora of the Lithuanian language and performed corpus-based research in most fields of linguistics.

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Carthage Smith
Affiliation: Organisation for Economic Co-operation & Development (OECD)
Country: United Kingdom

Dr. Smith joined the Organisation for Economic Co-operation and Development in June 2014 as head of the Global Science Forum Secretariat. His work with national members to define the overall strategy and priorities for the Forum, includes defining policy on research infrastructures, Open Science, research funding mechanisms, and science advisory processes.

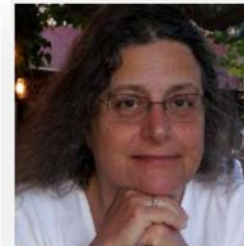
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Shelley Stall
Affiliation: American Geophysical Union
Country: United States

Shelley Stall is the Senior Director for the American Geophysical Union's Data Leadership Program. She works with AGU's members, their organizations, and the broader research community to improve data and digital object practices with the ultimate goal of elevating how research data is managed and valued. Better data management results in better science.

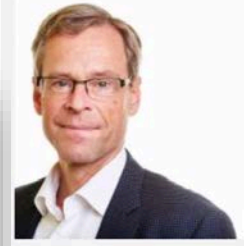
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Françoise Genova
Affiliation: Strasbourg Astronomical Data Centre
Country: France

Ms. Genova is one of the founders of the astronomical Virtual Observatory initiative, chaired the International Virtual Observatory Alliance (IVOA) Executive Board in 2006-2007, and has led operations in France since 2004. She has also coordinated several related European projects on behalf of CNRS. Director of the Strasbourg astronomical data centre from 1995 to 2015, Ms. Genova led the Data Access, Discovery and Interoperability Work Package of the European ASTERICS Cluster, the aim of which was to optimise the use of data coming from the astronomical and astroparticle physics ESFRIs and other large projects.

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Stan Gielen
Affiliation: Dutch Research Council: NWO
Country: Netherlands

Dr. Gielen holds a PhD in biophysics and worked at Northwestern University, UCLA, and University Utrecht before being appointed as Full Professor of Biophysics at Radboud University Nijmegen (1988) with a chair in both the science and medical faculties. From 2010 to 2016 he served as dean of the Faculty of Science.

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Thomas Hahn
Affiliation: Siemens
Country: Germany

Thomas Hahn has been Chief Software Expert at Siemens AG since 2011. After studying computer science at Friedrich-Alexander University of Erlangen he joined the company in 1986 and worked as a product developer in the field of industrial networks in Erlangen. In 1993 he moved to Nuremberg, where he worked in product management for SIMATIC and as a project manager responsible for development of SIMATIC STEP 7. From 1997 he worked as Head of Development at Traffic Control Systems in Munich for two years.

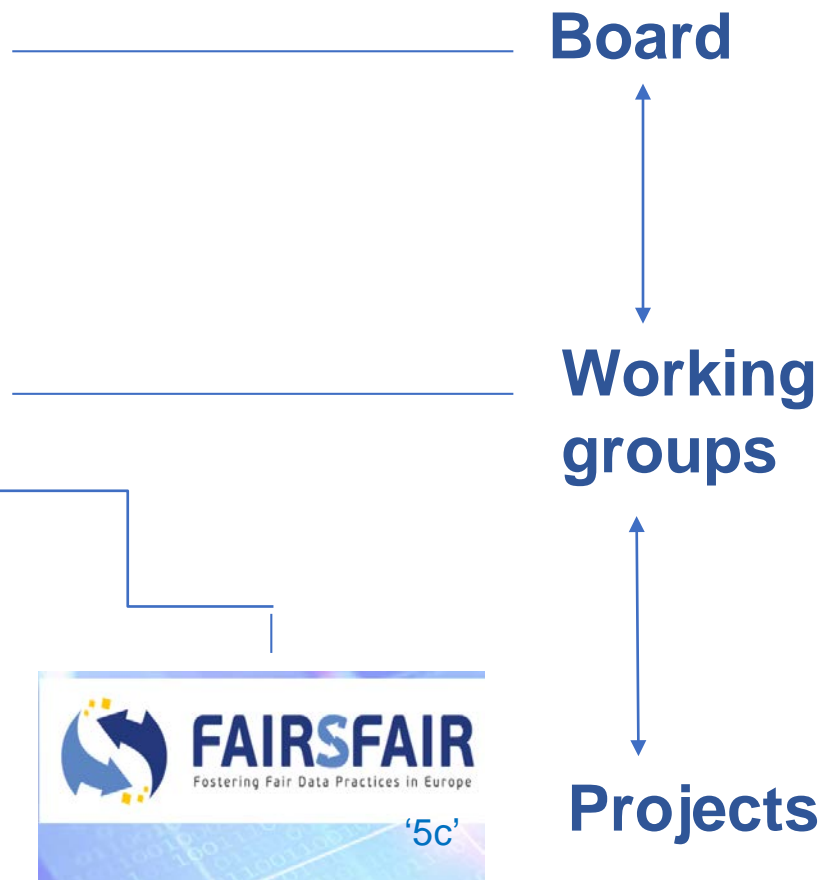
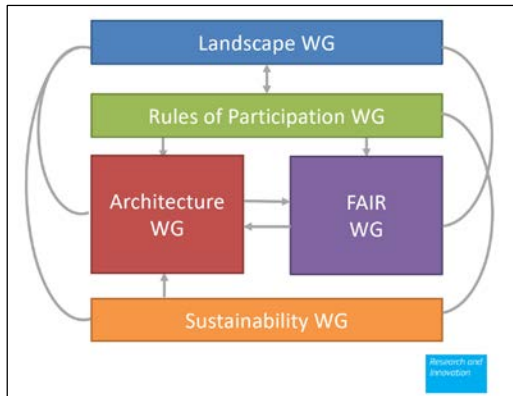
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First achievements



- Web platform
- (co)organization of FAIR workshops/sessions (Porto, Helsinki)
- Open call repositories
- Landscape surveys (interoperability, policies and practices, competence centres, FAIR and education)

The playing field



Input from
ESFRI clusters
& Horizontals



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FAIRSF AIR
Fostering Fair Data Practices in Europe

FAIRSF AIR Newsletter n°1

Welcome to the first issue of the FAIRSF AIR newsletter! The project is in full swing after a successful kick-off in March and there's a lot happening. Collaborations are being established, surveys and workshops are in preparation, and there are plenty of opportunities to get involved and make a difference. In this edition:

- FAIRSF AIR Open Call for data repositories
- Five workshops at the OS Fair in Portugal
- FAIRSF AIR co-located event at RDA P14 in Finland
- Interview with the FAIRSF AIR coordinator, Ingrid Dillo
- An introduction to our expert advisors

FAIRSF AIR
Fostering Fair Data Practices in Europe

Open Call for Data Repositories

Deadline 30th August 2019

Make your data repository FAIR
Achieve CoreTrustSeal Certification.

FAIRSF AIR
Fostering Fair Data Practices in Europe

FAIRSF AIR "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

Tweets **284** Following **87** Followers **922** Likes **166** [Follow](#)

FAIRSF AIR
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#FAIRSF AIR aims to supply practical solutions for #FAIRdata principles throughout the research data life cycle on fostering FAIR #Data Practices in #Europe

📍 Europe
fairsfair.eu
📅 Joined January 2019

Tweets Tweets & replies Media

📌 Pinned Tweet

FAIRSF AIR @FAIRSF AIR_EU · Aug 30
Call for contributions! #FAIRSF AIR Open Call on #FAIRdata Policies & Practices in #EU! Are you involved w #Datamanagement & #RDM services? Submit your recommendations to enable #FAIR policies & practices & support the #EOSC governance bodies. Our surveys ow.ly/yhOs50vrJz7

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SURVEYS