



FAIRsFAIR
Fostering Fair Data Practices in Europe

Practical implementation of FAIR-related content in university curricula and teaching

Welcome by Federica Garbuglia and Bregt Saenen
European University Association



FOSTERING FAIR DATA PRACTICES IN EUROPE

FAIRsFAIR project in a nutshell

Time plan: 36 months

- Start: March 1, 2019
- 22 partners from 8 MS
- 6 core partners: DANS (project coordinator), CSC, DCC, Trust-IT, STFC, EUA



MAIN OUTPUTS



COMPETENCE FRAMEWORK

- Fair **Competence Framework** for Higher Education
- A **Tested Framework** for financing the data science schools
- **Competence Centre core and knowledge base set-up**
- **5 "Train-the-trainer" data science schools**
- 2½ day workshops for mentors & new instructors
- Develop **model courses & curricula**
- **FAIR Competences Adoption Handbook**
- **Good Practices in FAIR Competence Training**
- **Mapping existing FAIR data training offerings across high education institutions**
- At least 1,500 person days of training
- > 200 HEIs participating in mapping FAIR data education landscape
- >100 HEIs introduced to FAIR competence framework and model courses in curricula



REGISTRY FOR FAIR

- **Registry for FAIR compliant repositories**
- **Technical solutions for Interoperability requirements**
- **Training, support and guidance for repositories**

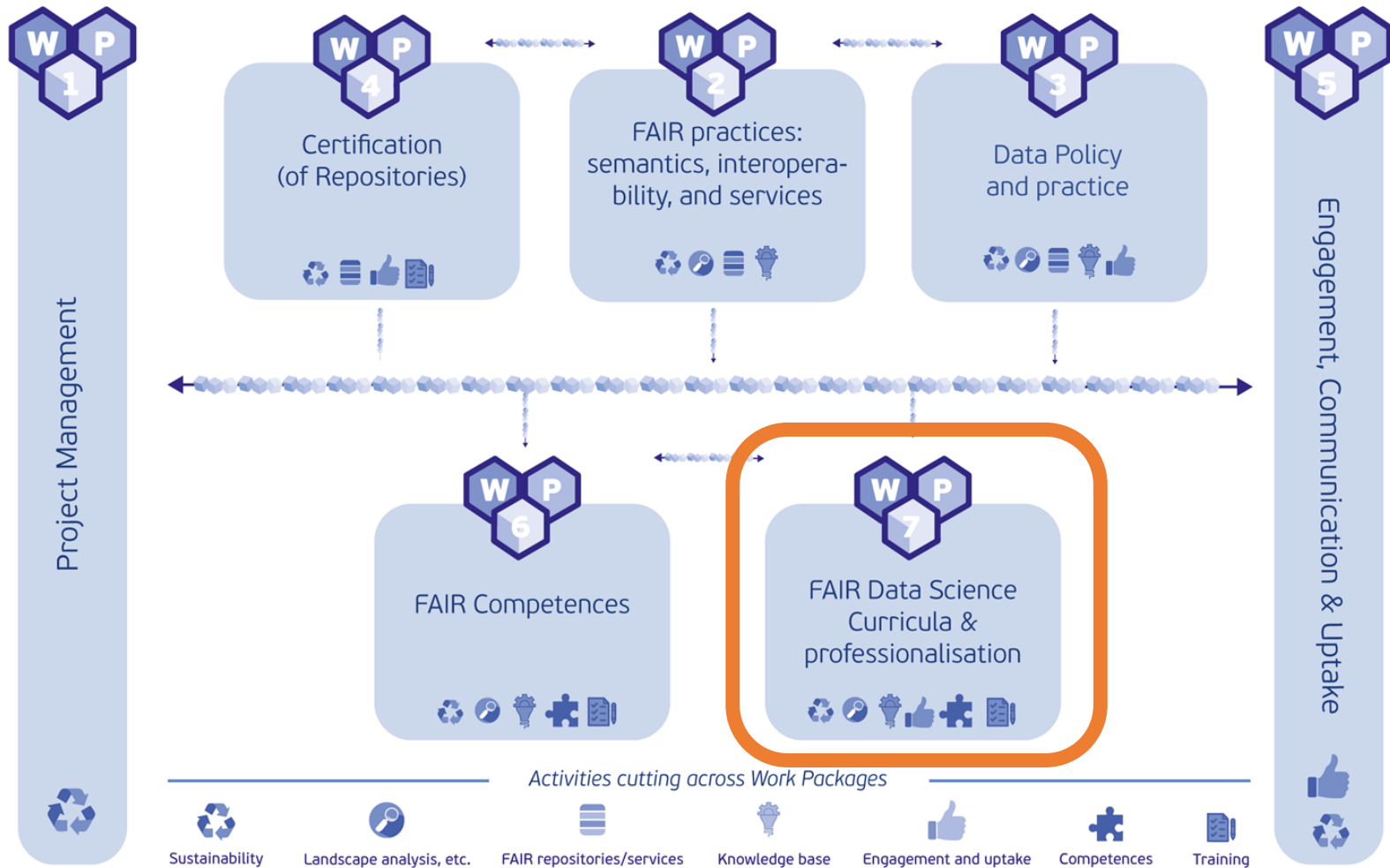


TOOLSET & REPOSITORIES

- **Provision of view and toolsets on certified repositories to researchers**
- Core level certified repositories > 50 by M36
- **Badges for end-users**
- Deliver a **Capability maturity model towards FAIR certification**
- Build & **Showcase a network of trusted digital repositories**
- >50 Repositories engaged
- >10 Repositories implementing practical recommendations
- Metrics & Badging scheme for assessment of FAIRness of individual datasets in trusted repositories tested & applied to 100 datasets in 5
- CoreTrustSeal certified repositories

FAIRsFAIR workplan

<https://www.fairsfair.eu/the-project>

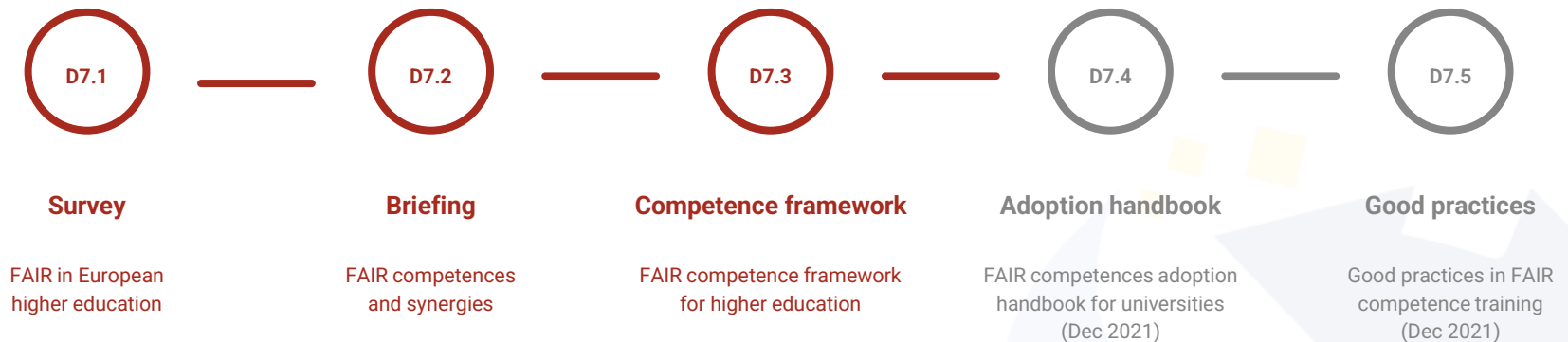


Work package objectives

- Map the integration of FAIR data principles in data science and other disciplines' curricula at universities and **analyse the landscape of available FAIR data trainings** in Europe
- Deliver a **FAIR data competence framework** for higher education and professionals to support the development of a FAIR data culture and the uptake of FAIR data principles in data science and other relevant disciplines
- Translate the competence framework into **model curricula and university courses** for different disciplines (e.g. data science) and professional profiles (e.g. data stewards)
- Support **embedding FAIR data education in university programmes and doctoral training** through a series of workshops and knowledge-sharing activities

Work package progress

Through this work package higher education institutions will gain **practical tools** (D7.4 and 7.5), rooted in a comprehensive and up-to-date state-of-play survey (D7.1) and mapping of existing instruments (D7.2 and 7.3), **helping them to further integrate FAIR data in curricula** at Bachelor, Master and Doctoral level



Agenda

10:00-10:10 – Welcome

- **Federica Garbuglia and Bregt Saenen**, FAIRsFAIR and European University Association

10:10-10:25 – Presentation of the adoption handbook “How to be FAIR with your research data – a teaching and training handbook for higher education institutions”

- **Claudia Engelhardt**, FAIRsFAIR and University of Göttingen, Germany

10:25-10:55 – Reflections on institutional initiatives and relevance of the adoption handbook

- **Hugh Shanahan**, FAIRsFAIR and Royal Holloway University of London, United Kingdom
- **Margareta Hellström**, Lund University, Sweden
- **Jolien Scholten**, Vrije Universiteit Amsterdam, The Netherlands

10:55-11:05 – Q&A

11:05-11:15 - Coffee break

11:15-11:50 - Breakout groups with Mural exercises

11:50-12:00 - Wrap-up



How to be FAIR with your research data

Breakout room discussion on the Adoption Handbook for universities

Defining FAIR skills and competences

- What are the most important skills and related competences (entry-level content) for FAIR (for each the bachelor, master and PhD level)?

Teaching and training designs for FAIR

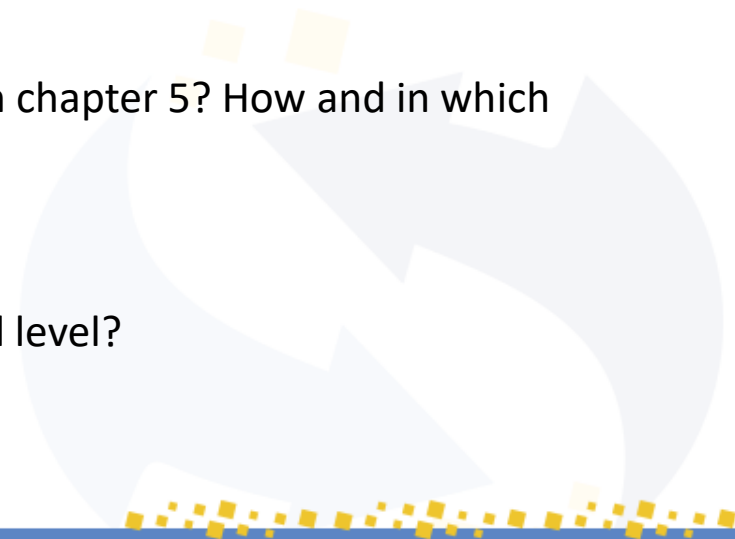
- How can we integrate the FAIR principles in teaching?
- What are existing courses or programmes that FAIR-related content could be plugged into and how?

FAIR lesson plans

- Could you see yourself using the lesson plans provided in chapter 5? How and in which context?
- Could they be improved? How?

Implementing FAIR

- How can we implement FAIR teaching at the institutional level?
- What are the barriers? What are opportunities?





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Thank you for your attention!

federica.garbuglia@eua.eu - bregt.saenen@eua.eu

