



**FAIRsFAIR**  
Fostering Fair Data Practices in Europe

# Training the trainers: Data Management and FAIR data principles in university curricula

Welcome by Dr Bregt Saenen

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# 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**

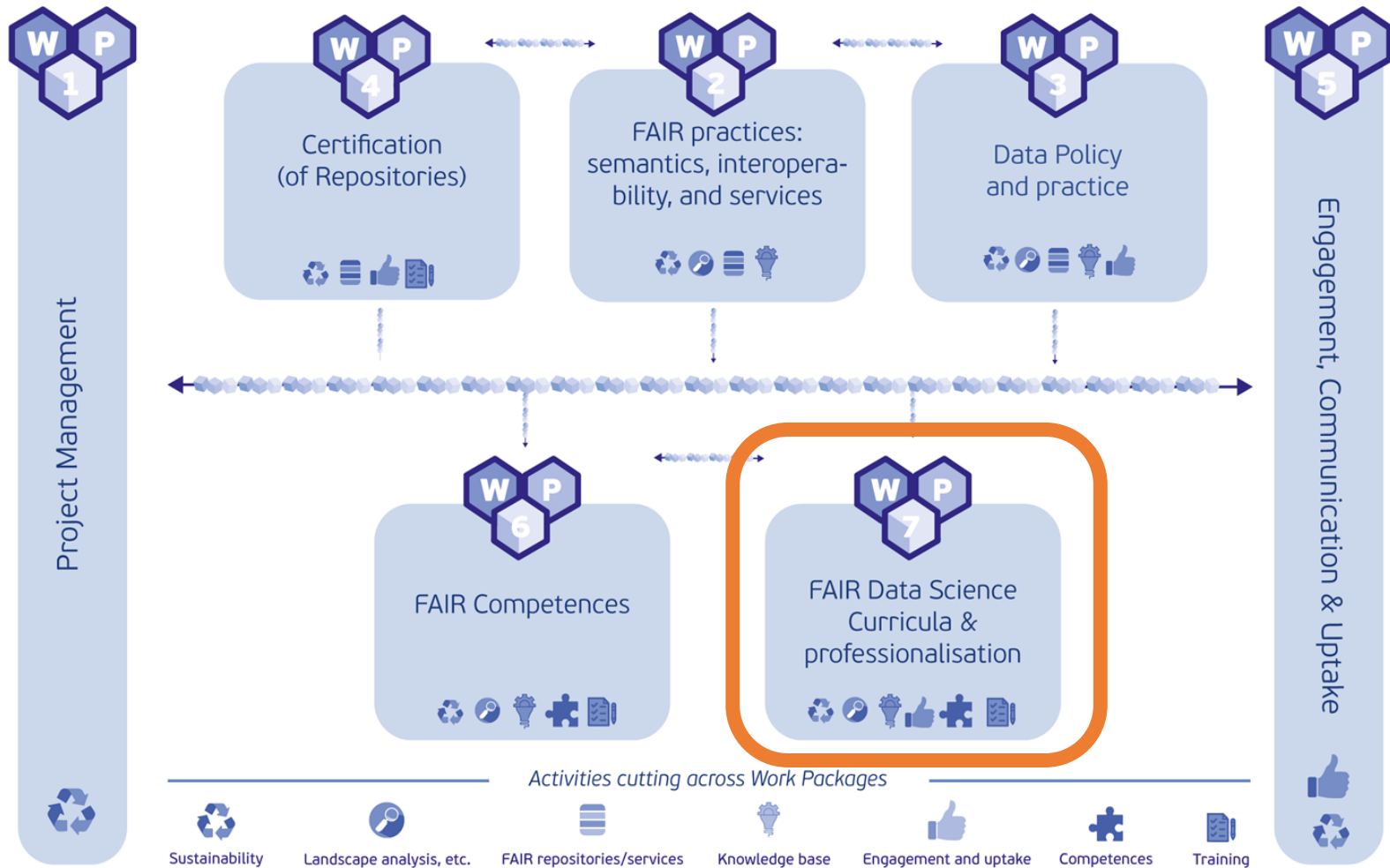


#### TOOLSET & REPOSITORIES

- **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>

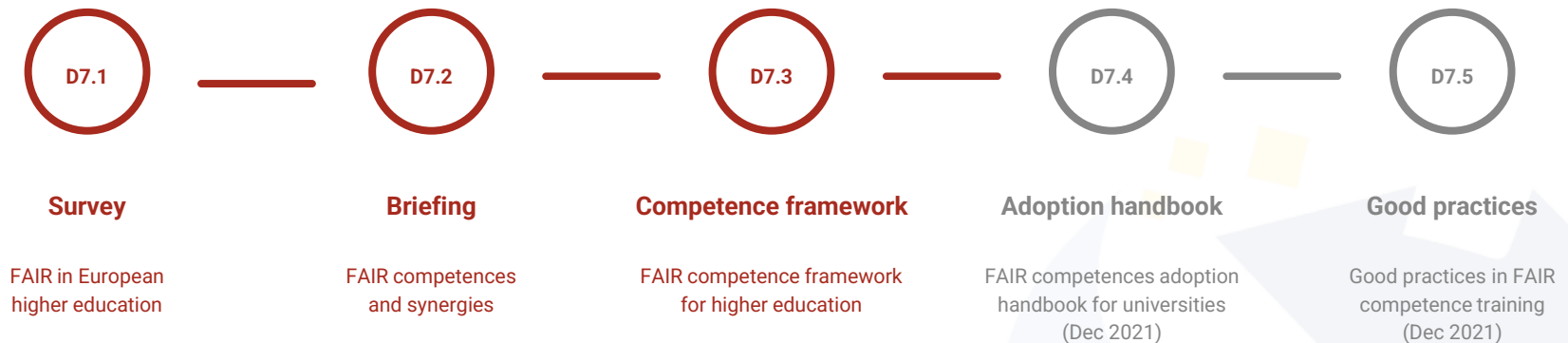


# Work package objectives

- 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

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

## 10:10-10:50 – FAIR data principle and Data Stewardship in academic curricula: perspectives from the FAIRsFAIR project

- **Presentation of the “FAIR Competence Framework for Higher Education” and Data Stewardship Body of Knowledge**  
Yuri Demchenko, FAIRsFAIR and University of Amsterdam, Netherlands
- **Lessons learned from the FAIRsFAIR Data Steward instructor training series**  
Hugh Shanahan, FAIRsFAIR and University of London, United Kingdom

## 10:50-11:10 – EOSC Association Task Force on Data stewardship curricula and career paths

- **Ilire Hasani-Mavriqi**, Graz University of Technology, Austria
- **Francesca Frontini**, Institute for Computational Linguistics, Italy

## 11:10-11:40 – Meeting the needs and challenges of RDM and FAIR data trainers

- **Breakout rooms** on (building) best practices for universities

## 11:40-12:00 – Wrap-up



# Meeting the needs and challenges of RDM and FAIR data trainers

*Breakout room discussion on good practices from universities*

- How do we understand the benefits of FAIR in university teaching? What are the learning and other outcomes we're after?
- Which barriers do we see in implementing FAIR principles in academic teaching and curricula (students, teachers, administration, regulations)?
- What are existing channels and paths to promote FAIR in university teaching and curricula?
- What can we do now? What type of support could be offered by EUA, the FAIRsFAIR project and the EOSC community?

# Upcoming opportunities

- FAIRsFAIR 3<sup>rd</sup> stakeholder workshop **“Learning lessons from FAIR data implementation. Good practices from universities across Europe”** during the Open Science Fair 2021
  - 20 September 2021, 16:30-18:30 CEST
  - Presentation of first findings from the good practices report
  - [More information](#) and [registration](#)
  
- UGoe university workshop **“Practical implementation of FAIR-related content in university curricula and teaching”**
  - 12 October 2021, 10:00-13:00 CEST
  - Presentation of the draft adoption handbook “How to be FAIR with your research data – a teaching and training handbook for higher education institutions”
  - [More information](#) and [registration](#)





# FAIRSFair

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Thank you for your attention!

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