



FAIRSFair
Fostering Fair Data Practices in Europe

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M7.8 - ORGANISATION OF THREE UNIVERSITY WORKSHOPS

Work Package	WP7, FAIR Data Science and Professionalisation
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FAIR data competences in doctoral education programmes

Organised by EUA and the University of Minho with the support of the EUA Council for Doctoral Education (EUA CDE) on 26-27 May 2021 in an online setting.

EUA and the University of Minho with the support of the EUA Council for Doctoral Education organised the online workshop [“FAIR data competences in doctoral education programmes”](#) on 26-27 May 2021 from 10:00 to 13:00 CEST. During the event, partners of FAIRsFAIR presented the project’s [“FAIR Competence Framework for Higher Education”](#) and discussed. Representatives from higher education institutions across Europe were invited to present and discuss practical examples of research data management (RDM) training in doctoral education programmes.

The event responded to the need to expand data education, focused on FAIR data, in particular for doctoral candidates and early-career researchers and introduced participants to the main recommendations from the FAIR Competence Framework for Higher Education proposed by FAIRsFAIR. The workshop was an opportunity to discuss the specific needs and challenges of RDM competences and skills at the doctoral level. Participants were invited to share experiences about their practical adoption in doctoral education programmes, such as doctoral education courses and doctoral schools.

The workshop targeted academic leaders, trainers involved in RDM training at the doctoral level and other professionals responsible for doctoral education programmes.

Workshop programme

Day 1

- Welcome
 - *Bregt Saenen, FAIRsFAIR and European University Association; Pedro Principe, FAIRsFAIR and University of Minho*
- FAIR data training and competence framework for Higher Education
 - The present and potential future FAIR competences in doctoral education
 - *Bregt Saenen, FAIRsFAIR and European University Association*
 - Inspiration from the FAIRsFAIR “FAIR Competence Framework for Higher Education”
 - *Yuri Demchenko, FAIRsFAIR and University of Amsterdam*



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- Needs and challenges of RDM & FAIR data competences and skills at the doctoral level
 - *Maya Mise, Marie Curie Alumni Association*
 - *Susana Lopes and Isabel Andrade, NOVA University Lisbon, Portugal*
 - *Pedro Principe and Eloy Rodrigues, University of Minho, Portugal*
- Q&A with the audience on practical examples
- Closing and look forward to day 2

Day 2

- Welcome and summary of day 1
 - *Bregt Saenen, FAIRsFAIR and European University Association*
- Implementing FAIR data competences in doctoral education
 - *Alexander Hasgall, Head of the EUA Council for Doctoral Education*
- Initiatives to adopt FAIR data competences in doctoral education programmes
 - *Katja Fält, Tampere University, Finland*
 - *Helene N. Andreassen, Arctic University of Norway and DocEnhance*
 - *Frank Oliver Glöckner and Tanja Hörner, Data Train, U Bremen Research Alliance, Germany*
- Q&A with the audience on initiatives, opportunities and challenges of implementation
- Closing

Workshop participants

The workshop was attended by 80 participants on the first day and 70 participants on the second day.

Workshop supporting documents

A blog post sharing the result of the workshop was published online:

<https://www.fairsfair.eu/articles-publications/integrating-fair-data-competences-doctoral-education-programmes>.

Presentations were published online on the event's page:

<https://www.fairsfair.eu/events/fair-data-competences-doctoral-education-programmes>

The recording of the workshop is available in the FAIRsFAIR Youtube channel here:

- First day: <https://www.youtube.com/watch?v=NcpSD3w-VuE&t=180s>



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- Second day: <https://www.youtube.com/watch?v=jbK5Xp5BwBg&t=180s>

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

Organised by EUA and the University of Amsterdam on 15 September 2021 in an online setting.

EUA and the University of Amsterdam organised the workshop “Training the trainers: Data management and FAIR data principles in university curricula” on 15 September 2021 from 10:00 to 12:00 CEST.

The workshop addressed needs and challenges encountered by teachers and trainers of RDM and FAIR principles in higher education institutions, providing a platform for discussion and mutual learning. Partners of the FAIRsFAIR project presented the main recommendations from the “[FAIR Competence Framework for Higher Education](#)”, related to defining the Body of Knowledge, learning outcomes and learning units for FAIR data education in university curricula, as well as lessons learned from the FAIRsFAIR’s [Data Stewardship instructor training series](#). Representatives from the EOSC Association (EOSC-A) were also invited to present the Association’s [Task Force on Data stewardship curricula and career paths](#) and opportunities for higher education institutions to engage with its work.

Workshop programme

- Welcome
 - *Bregt Saenen, FAIRsFAIR and European University Association*
- FAIR data principles 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, The Netherlands*
 - Lessons learned from the FAIRsFAIR Data Stewardship instructor training series
 - *Hugh Shanahan, FAIRsFAIR and Royal Holloway University of London, United Kingdom*



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- EOSC Association (EOSC-A)'s Task Force on Data stewardship curricula and career paths
 - *Ilire Hasani-Mavriqi, Graz University of Technology, Austria*
 - *Francesca Frontini, ILC CNR, Italy*
- Meeting the needs and challenges of RDM and FAIR data trainers
 - Breakout rooms on (building) best practices for universities
- Wrap-up

Workshop participants

The workshop was attended by 115 participants.

Workshop supporting documents

A blog post on the workshop was published online:

<https://www.fairsfair.eu/articles-publications/training-trainers-data-management-and-fair-data-principles-university>.

Collaborative notes from the workshop's discussion are available internally at:

https://docs.google.com/document/d/1GIHc7CvkoR8rojqqxhnSFtD_YLbU4AzAX9ymOL63ILc/edit#.

Presentations were published online on the event's page:

<https://www.fairsfair.eu/events/fairsfair-event/training-trainers-data-management-and-fair-data-principles-university>.

The recording of the workshop is available in the FAIRsFAIR Youtube channel here:

<https://www.youtube.com/watch?v=LjRzlhmf9Ks>



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

Organised by EUA and the University of Göttingen on 12 October 2021 in an online setting.

EUA and the University of Göttingen organised the workshop “Practical implementation of FAIR-related content in university curricula and teaching” on 12 October 2021 from 10:00 to 12:00 CEST.

The workshop focused on presenting and gathering feedback on the draft adoption handbook “How to be FAIR with your data - A teaching and training handbook for higher education institutions”, currently under development by the FAIRsFAIR project. The handbook is intended to be a practical tool for universities to implement FAIR RDM content and skills training in Bachelor, Master and Doctoral education programmes and will be published in December 2021. During the event, participants had the opportunity to reflect on the value and relevance of the handbook through the lens of practical examples of successful integration of FAIR-related content in higher education programmes.

The handbook aims to address a clear need for universities to have more practical guidance on how to implement FAIR RDM topics in teaching, providing a hands-on framework to support the integration of FAIR competences in higher education programmes, through model curricula, courses and supporting materials. Fostering the professionalisation of FAIR data practices in higher education is one of the key priorities to [support the transition to FAIR](#). While universities express a clear interest in implementing content related to RDM skills and FAIR competences in their curricula, they also identify a lack of practical tools that could support them in this endeavour.

The event targeted university teachers and other professionals involved in the design and implementation of higher education programmes at different levels, as well as data practitioners and trainers with an interest in supporting higher education institutions in this regard.

Workshop programme

- Welcome



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- *Federica Garbuglia and Bregt Saenen, FAIRsFAIR and European University Association*
- Presentation of the adoption handbook “How to be FAIR with your data - a teaching and training handbook for higher education institutions”
 - *Claudia Engelhardt, FAIRsFAIR and University of Göttingen, Germany*
- 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*
- Q&A session
- Coffee break
- Breakout groups with Mural exercises
- Wrap-up

Workshop participants

The workshop was attended by 92 participants.

Workshop supporting document

A blog post on the workshop was published online:

<https://www.fairsfair.eu/articles-publications/practical-implementation-fair-related-content-university-curricula-and>.

A full overview of the input received in the breakout discussions is available here:

<https://app.mural.co/t/fairsfair0682/m/fairsfair0682/1634134801605/d726cb71548f24f43e23e99b5e0a6bdcf5dde218?sender=u17c52dcaacac83bdbfc67984>

Presentations were published online on the event's page:

<https://www.fairsfair.eu/events/fairsfair-event/practical-implementation-fair-related-content-university-curricula-and>

The recording of the workshop is available in the FAIRsFAIR Youtube channel here:

<https://www.youtube.com/watch?v=VKxLHhsqdrA>