

2024 EUA-CDE ANNUAL MEETING

FAIR data management, data infrastructures and open access

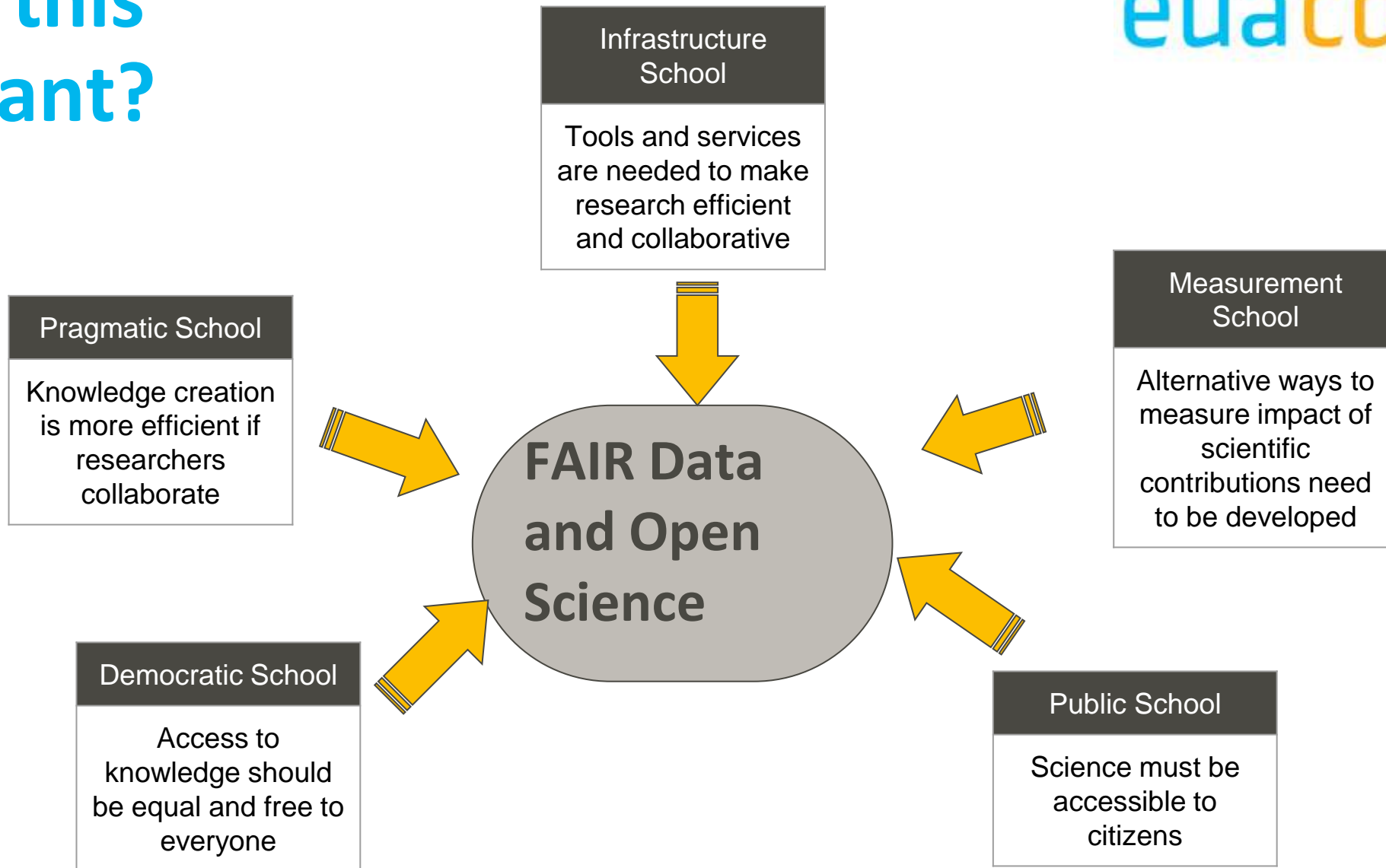
Marta Teperek, Open Science NL, Netherlands

Pedro Principe, University of Minho, Portugal

Hugh Shanahan, Royal Holloway University of London, UK

Chair: Maurizio Tira, ex-officio EUA Board Member

Why is this important?



And... there are also the selfish reasons...

- 1) Avoid disasters
- 2) Easier to write papers
- 3) Easier to convince reviewers
- 4) Continuity of your work
- 5) Build your reputation as honest and careful researcher

If you don't work reproducibly, you are not doing science

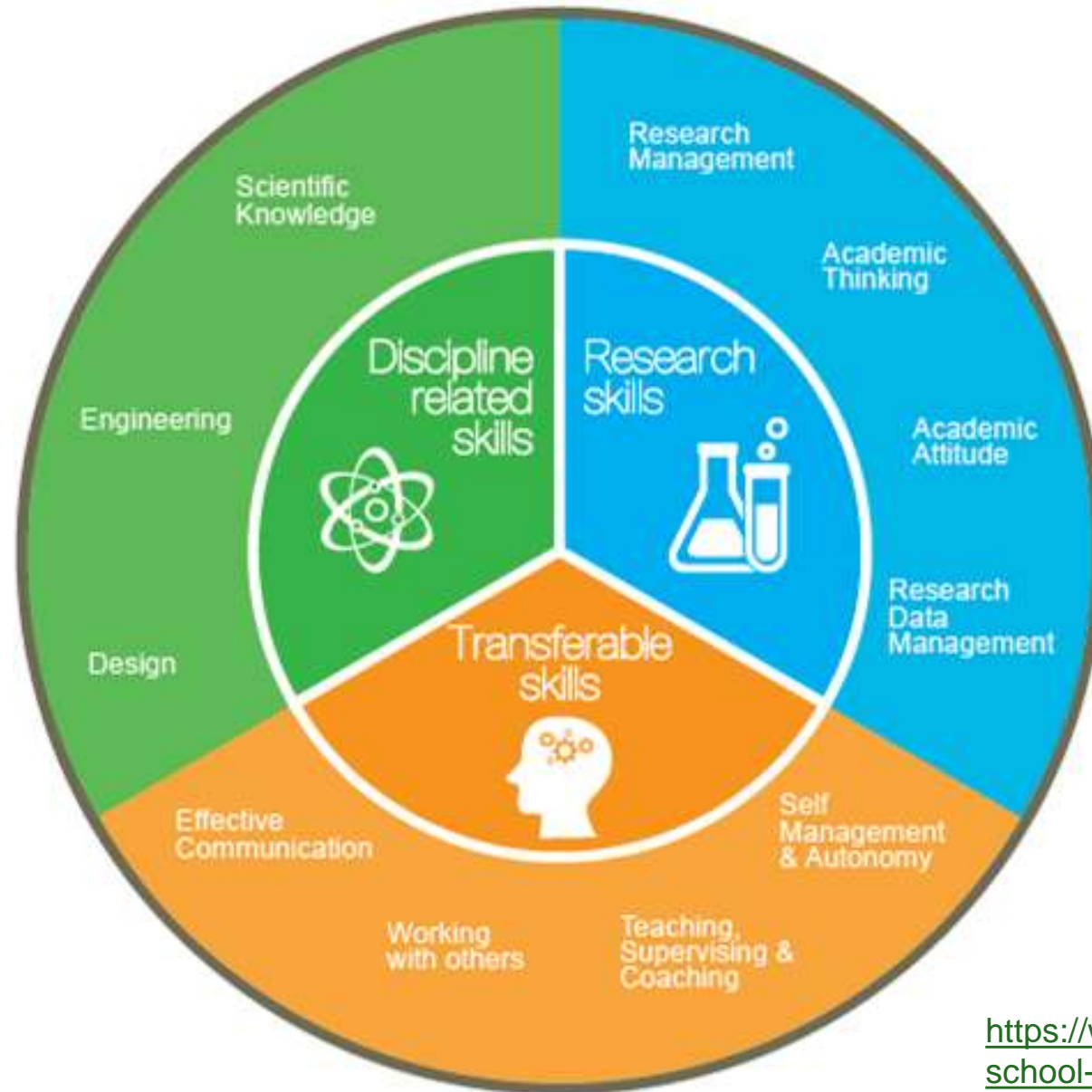


Prof. Florian Markowetz

And why in doctoral education?

The time to grow to become an independent researcher.

FAIR Data management is a key skill in research.



TU Delft Graduate School Doctoral Education competences model (2022)

DOCTORAL TRAINING ON FAIR DATA MANAGEMENT

OPEN SCIENCE & RDM/FAIR DATA TRAINING & SKILLS DEVELOPMENT IS A FRAGMENTED REALITY

*but with good quality
achievements, and lessons
learnt that can help us in
our action plans!*



There are several good practices and local use cases, based on voluntary or mandatory training in doctoral programmes or more on formal or informal.



Carried out as local training initiatives, some in consortia of institutions or via the European alliances, but also national projects or in European Research infrastructures.



Training actions where doctoral candidates receive credits for taking RDM courses and other not, or well established training action offered by transversal services like libraries.



Initiatives where curricula frameworks are being developed, connected or not with National educational environments and FAIR Data management considered as transferable skills.

DOCTORAL TRAINING ON FAIR DATA MANAGEMENT

concrete examples

- Data Train - U Bremen Research Alliance
- Research Data Management course - Nova University Lisbon
- Center for Research Data Management and Data Stewardship course - TU Wien
- Research Data Management - Tampere University
- Open Science programme swissuniversities
- Research Data Management MOOC - University of Minho



Research Data Services

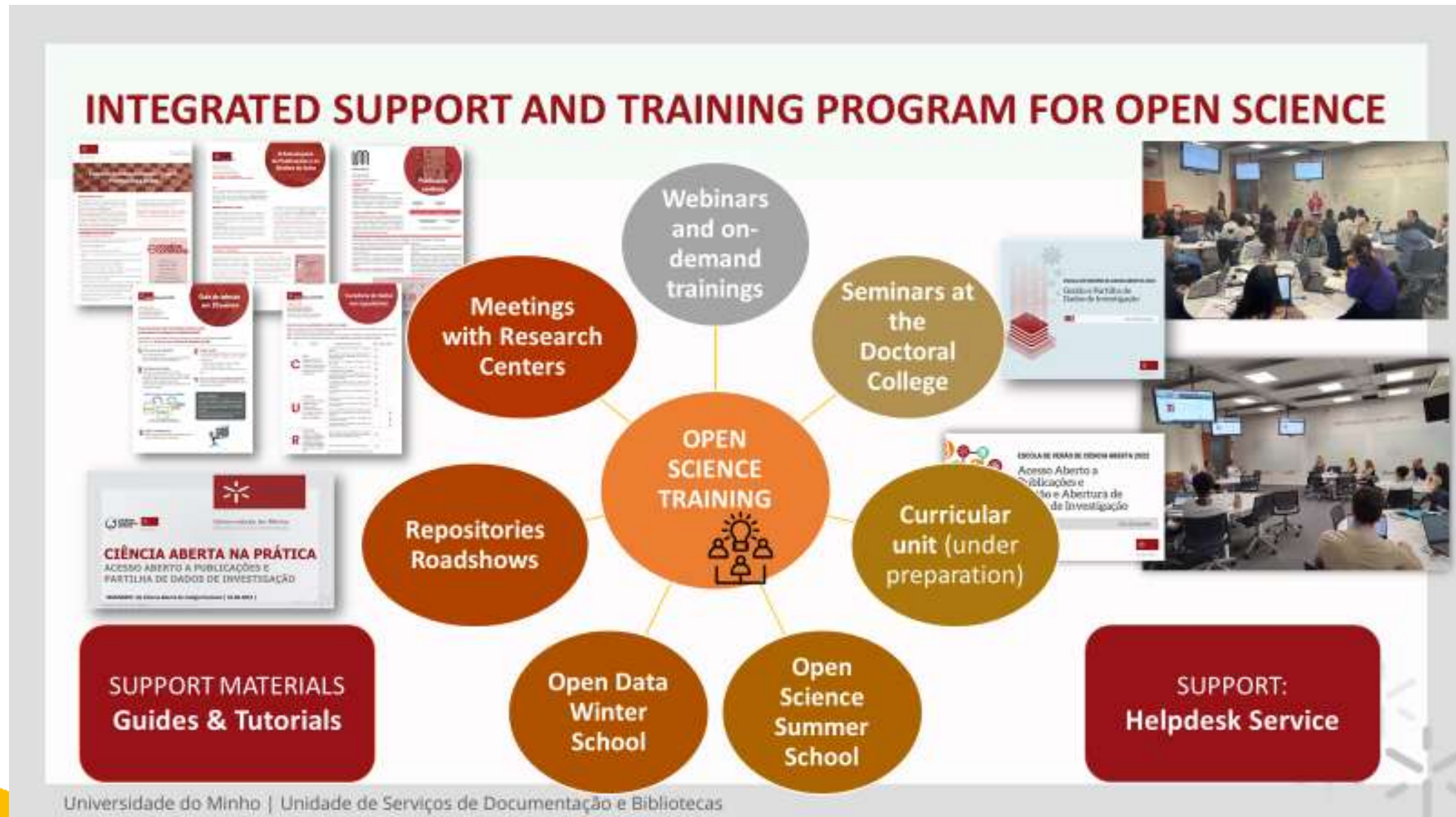


Universidade do Minho
Serviço de Documentação e Informação



swissuniversities

DOCTORAL TRAINING ON FAIR DATA MANAGEMENT an institutional approach (University of Minho)



FAIR data management and Open Access - challenges

Challenge 1 (Open Access)

Open Access != Open Science
(Helping) a thousand flowers bloom
Publishers, licensing and LLMs

FAIR data management and Open Access - challenges

Challenge 2 (FAIR data management)

**FAIR data management depends
on stable infrastructures.
Infrastructures are (often) anything but
stable.**

FAIR data management and Open Access - challenges

Challenge 3

How can we ensure that it doesn't depend on where you are to get FAIR data management and Open Access?