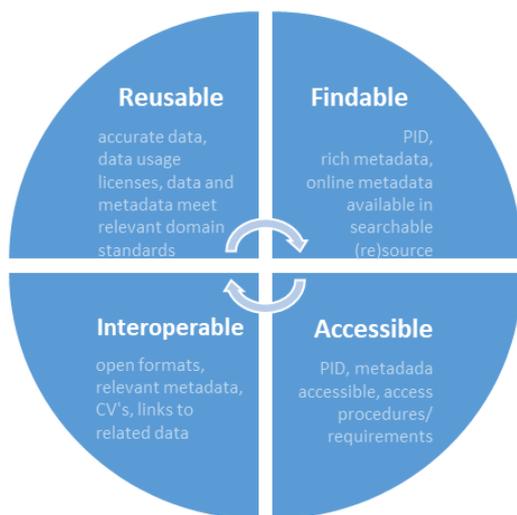# OPEN SCIENCE FAIR

FAIR Data Principles and Open Science training: compliance and challenges

The main goal of the poster is pointing out the benefits of promoting seminars and workshops to research communities on Research Data Management (RDM), equipping them with the skills and knowledge to comply with the FAIR Data Principles. CESSDA Training Working Group (2017-2018). *CESSDA Data Management Expert Guide.* Bergen, Norway: CESSDA ERIC. Retrieved from https://www.cessda.eu/DMGuide.

❖ **DMEG (Data Management Expert Guide)** written for social science researchers who are in an early stage of practising research data management; different chapters of the guide correspond to the diverse but interrelated phases of Data Life Cycle.

❖ **DMP (Data Management Plan)** which ideally every researcher should have in mind when preparing the research, since it contains descriptive aspects of the project's data acquisition, processing, analysis, preservation, publishing, and sharing (public access); DMP creation should occur between the proposal stage and accepted funding stage of the project.

❖ **FAIR (Findable, Accessible, Interoperable and Reusable)** Data Principles.

Open Science

Research must be

FAIR

Findable, Accessible, Interoperable, and Reusable

Data Management: analysis, use and reuse of data

Data Dissemination: sharing data and granting access to data

Why document data? ↔ Importance of **Metadata**

✓ Quality of research + research integrity ➡ how to start? ➡ use a **DMP**

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