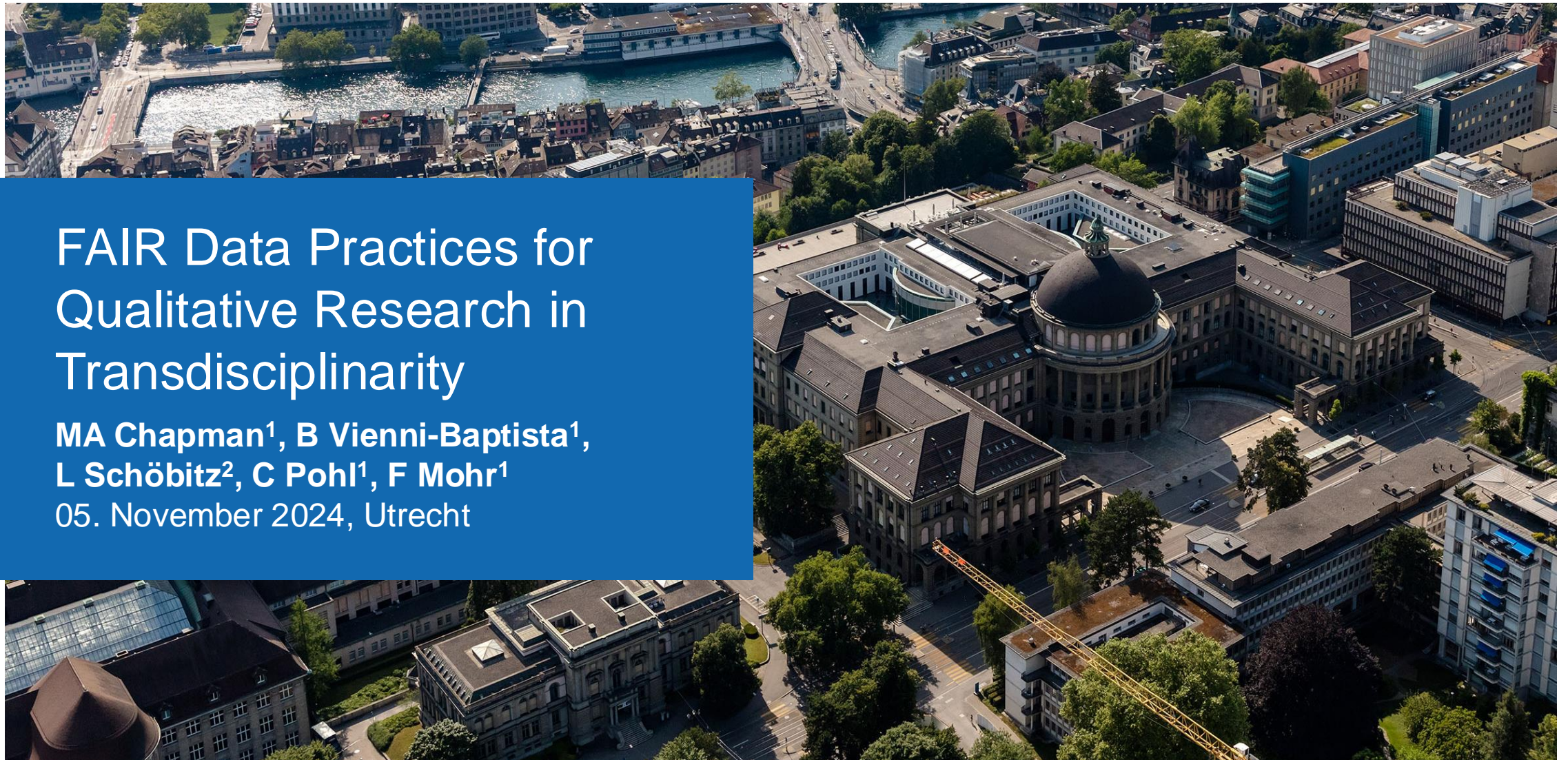
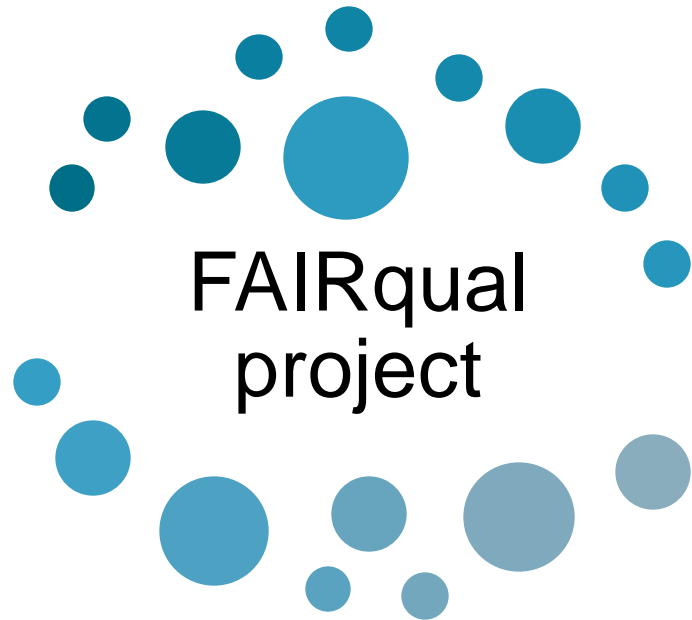


# FAIR Data Practices for Qualitative Research in Transdisciplinarity

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05. November 2024, Utrecht



# Welcome!



Informed  
consent



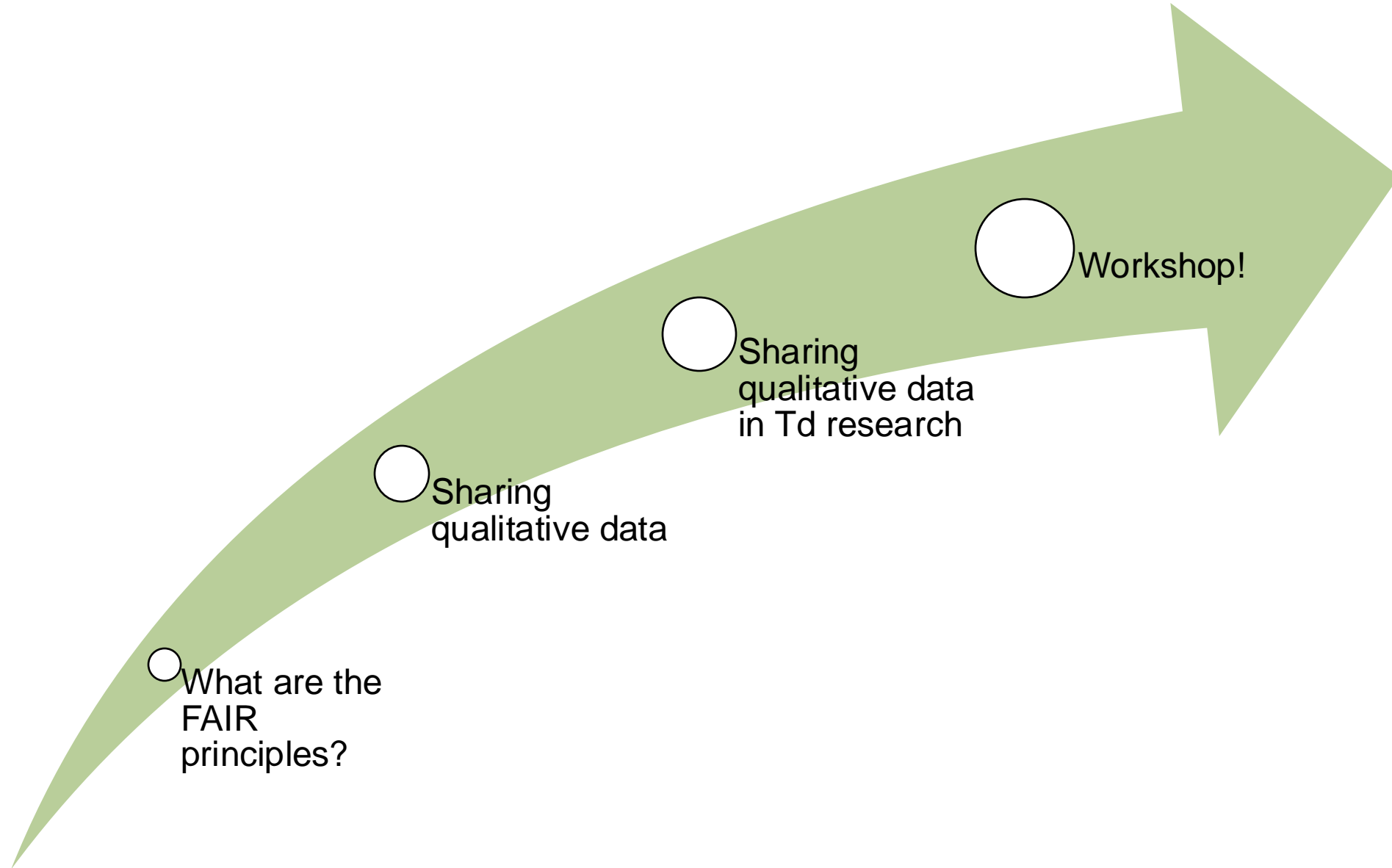
# Informed Consent

- Workshop output as a basis for FAIRqual project
- Apply FAIR principles to anonymized workshop output and make it publicly accessible
  - Mark information that should not be shared during the workshop
  - Review data set before it is published
- Personal details stored on a password secured ETH server



© Getty Images

# FAIR Data Practices for **Qualitative** Research in **Transdisciplinarity**

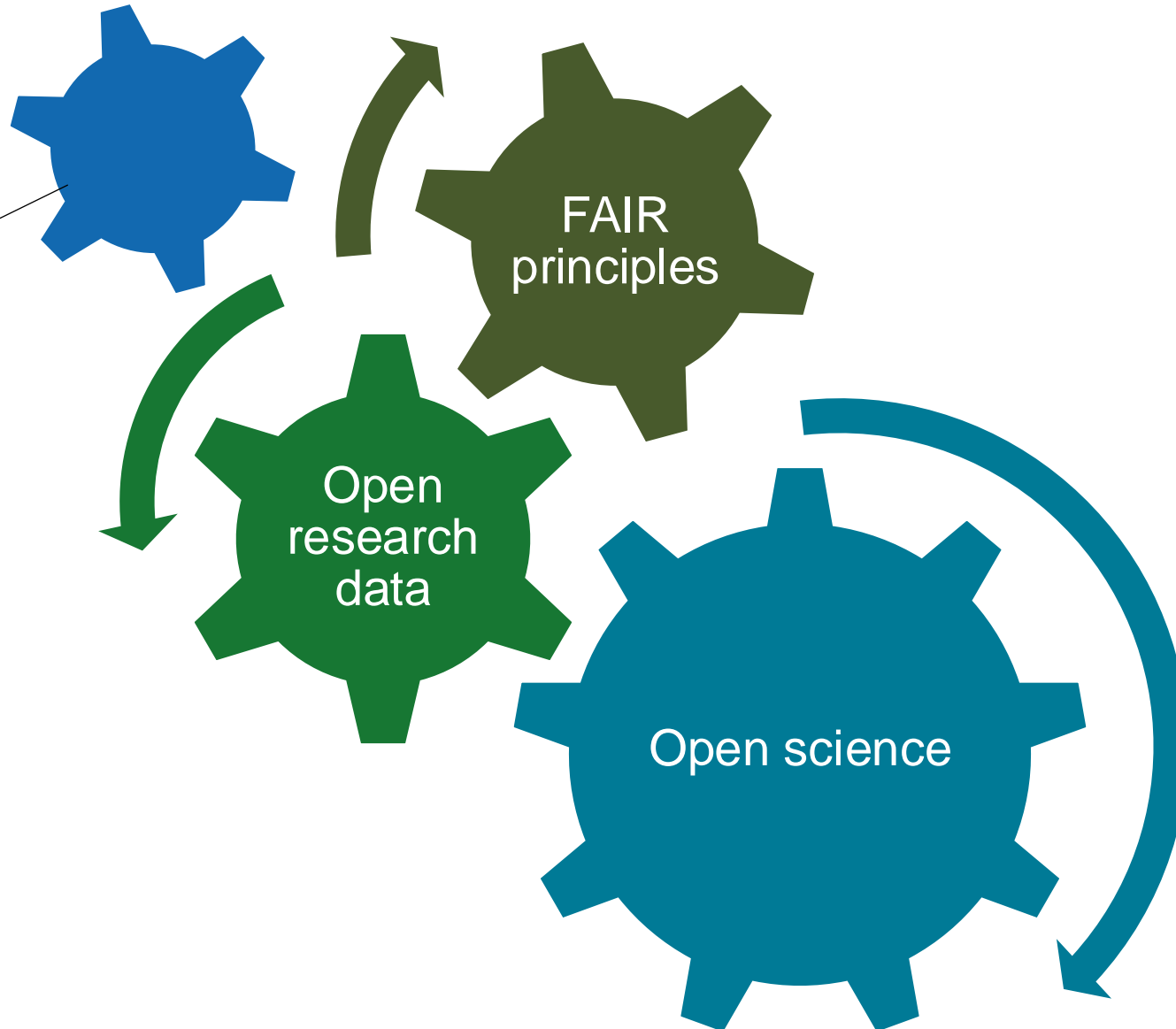


## Aim:

**Guide to capture essential characteristics of data objects to make data reusable for humans and machines**

- **F**indable
  - I.e. (Meta)data have a persistent identifier
- **A**ccessible
  - I.e. (Meta)data are retrievable (open or authentication / authorization procedure where necessary)
- **I**nteroperable
  - (Meta)data use a formal, broadly applicable language for knowledge representation to integrate them with other data
- **R**eusable
  - I.e. (Meta)data are well-described with accurate and relevant attributes

# FAIR data principles



CARE principles for indigenous data (Russo Carroll et. al. 2021)

# Sharing qualitative data

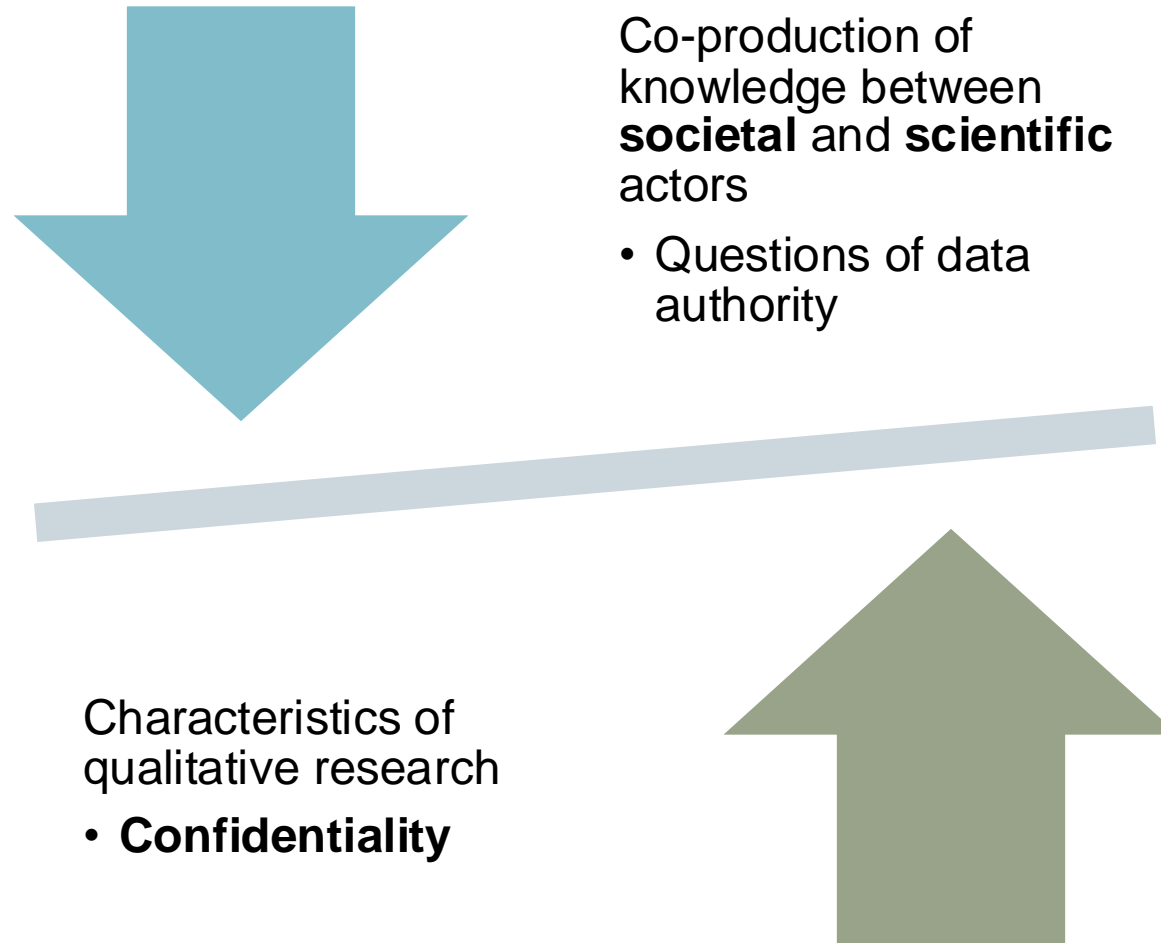
Challenges of sharing qualitative data:

- Practical issues
- Ethical commitments
- Epistemological traditions

|                     |                               | Level of Access |            |            |      |
|---------------------|-------------------------------|-----------------|------------|------------|------|
|                     |                               | Closed          | Controlled | Restricted | Open |
| Level of processing | Raw data                      |                 |            |            |      |
|                     | Full data without identifiers |                 |            |            |      |
|                     | Excerpted / partial data      |                 |            |            |      |
|                     | Final analysis                |                 |            |            |      |

Figure based on table 2, Alexander et al. 2020

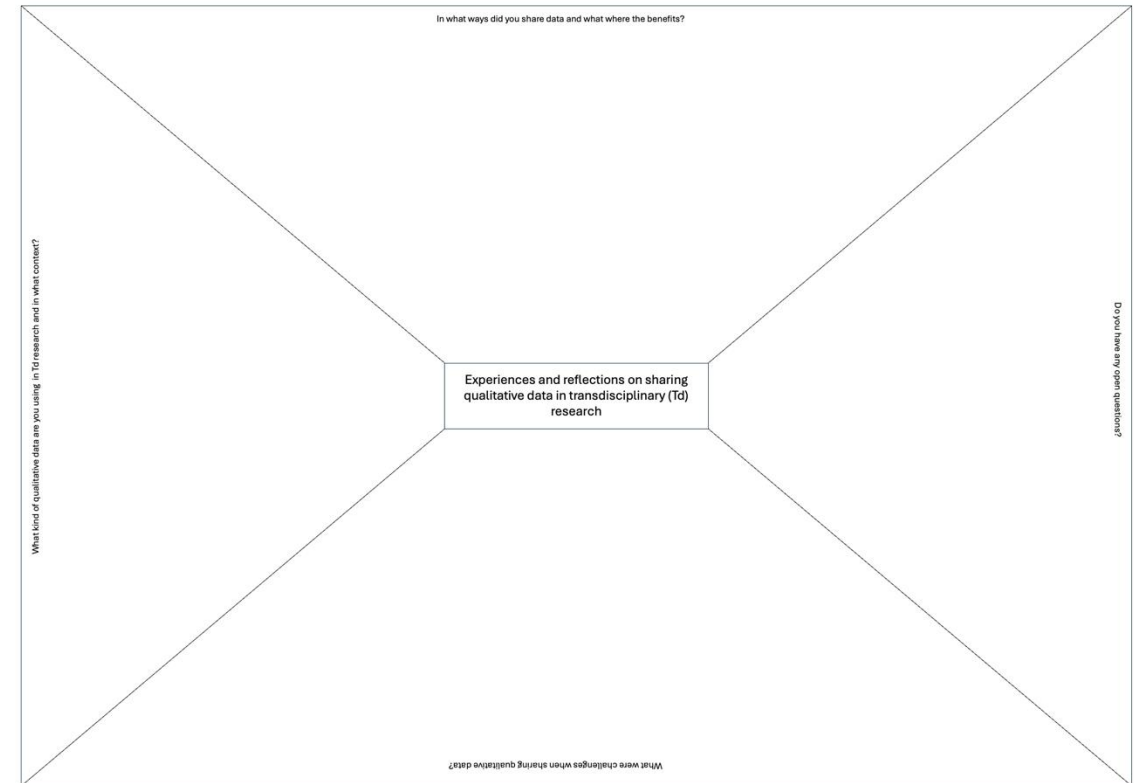
# Sharing qualitative data in Transdisciplinary (Td) research





# Workshop!

- Aims:
  - Exchange **lived** / **imagined** experiences regarding benefits and challenges of sharing qualitative Td data
  - Discuss potential ways to overcome challenges / risks
- First tasks:
  - Think about own **lived** / **imagined** experiences
  - Share your **lived** / **imagined** experiences with the group
  - Integrate the findings of the group



# Conclusions & Outlook

Learnings of today's workshop

What happens next in the FAIRQual project?

Expert interviews

Best practice compilation

Share workshop data openly

Thank you for your invaluable input and active participation!

# Literature

Alexander, S. M., Jones, K., Bennett, N. J., Budden, A., Cox, M., Crosas, M., Game, E. T., Geary, J., Hardy, R. D., Johnson, J. T., Karcher, S., Motzer, N., Pittman, J., Randell, H., Silva, J. A., da Silva, P. P., Strasser, C., Strawhacker, C., Stuhl, A., & Weber, N. (2019). Qualitative data sharing and synthesis for sustainability science. *Nature Sustainability*, 3 (81–88). <https://doi.org/10.1038/s41893-019-0434-8>

Go FAIR initiative (last accessed 01.11.2024) [www.go-fair.org](http://www.go-fair.org)

Russo Carroll, S., Herczog, E., Hudson, M., Russell, K. & Stall, S. (2021). Operationalizing the CARE and FAIR Principles for Indigenous data futures. *Scientific Data* 8 (108). <https://doi.org/10.1038/s41597-021-00892-0>

Wilkinson, M. D., Dumontier, M., Aalbersberg, Ij. J., Appleton, G., Axton, M., Baak, A., Blomberg, N., Boiten, J.-W., da Silva Santos, L. B., Bourne, P. E., Bouwman, J., Brookes, A. J., Clark, T., Crosas, M., Dillo, I., Dumon, O., Edmunds, S., Evelo, C. T., Finkers, R., ... Mons, B. (2016). The FAIR Guiding Principles for scientific data management and stewardship. *Scientific Data*, 3(1), 160018. <https://doi.org/10.1038/sdata.2016.18>