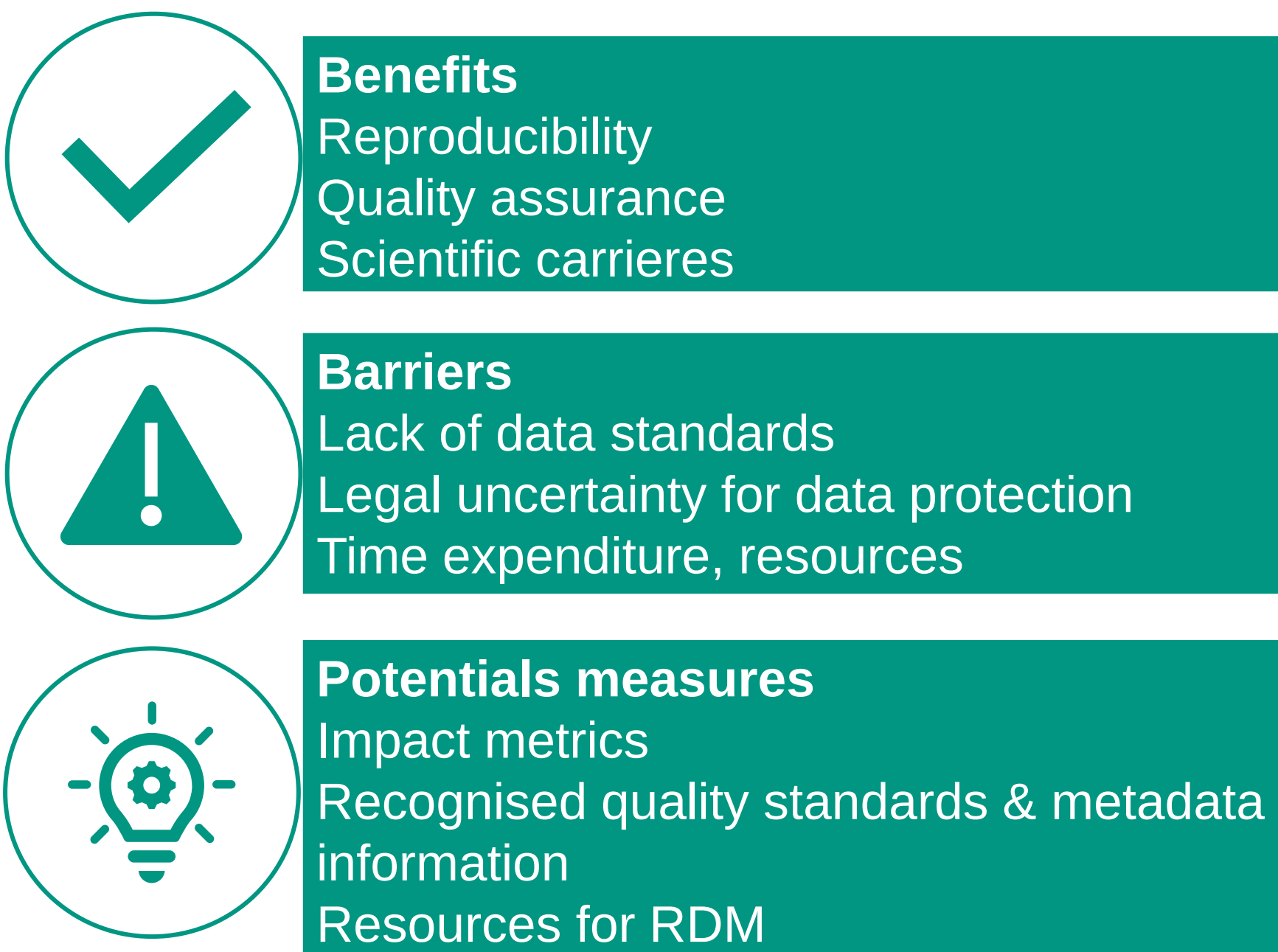


Research Data: Incentive Structures in the Science System and the Use of Generative AI

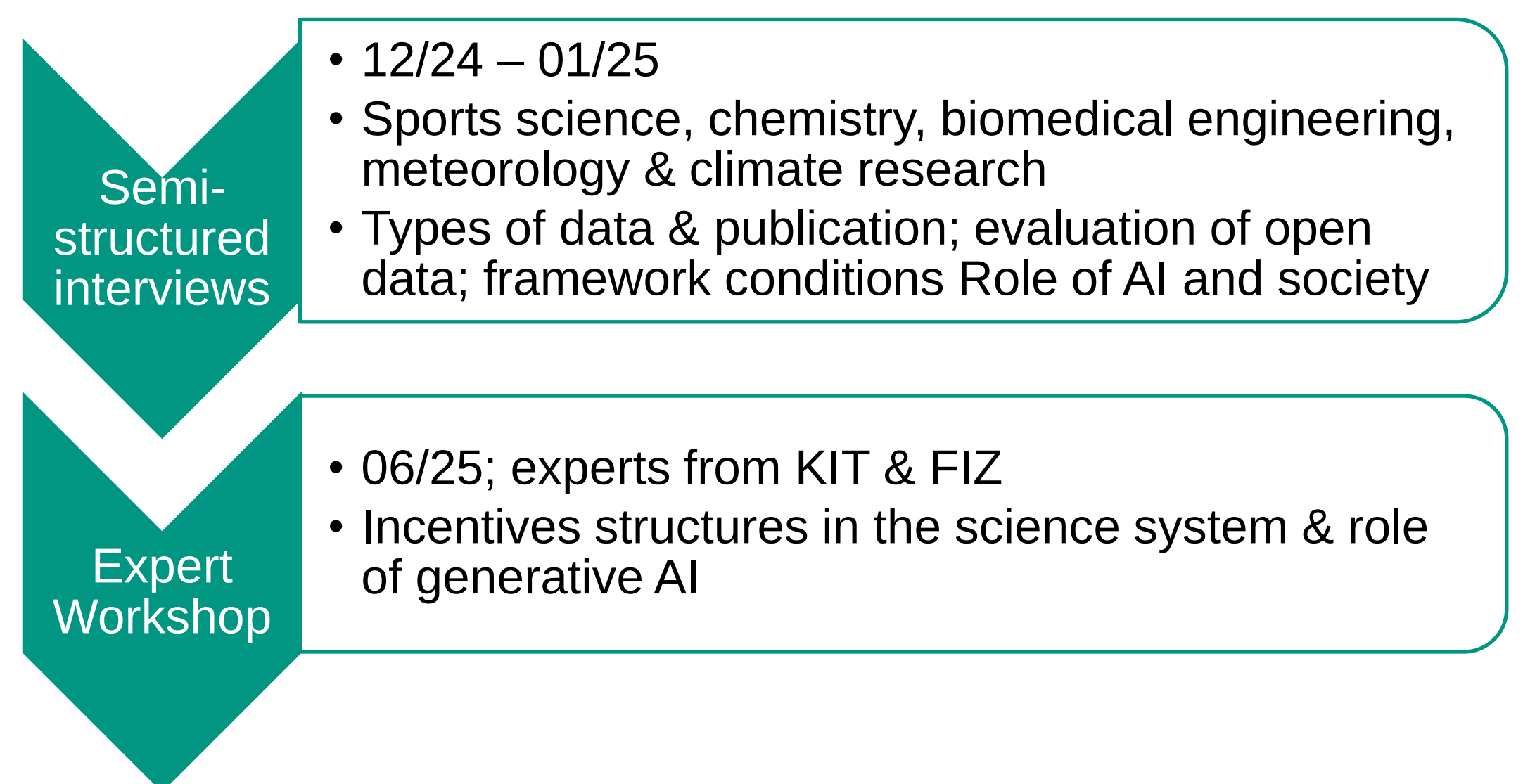
Angelina Sophie Dähms, Linda Nierling, Ralf Schneider, Constanze Scherz

What are the benefits, barriers and potential measures from sports science, chemistry, biomedical engineering, meteorology and climate research for research data? Interviews and an expert workshop were held to analyse and discuss both overarching developments and specific needs with regard to incentives and barriers in the scientific system as well as potentials and limitations of generative AI.

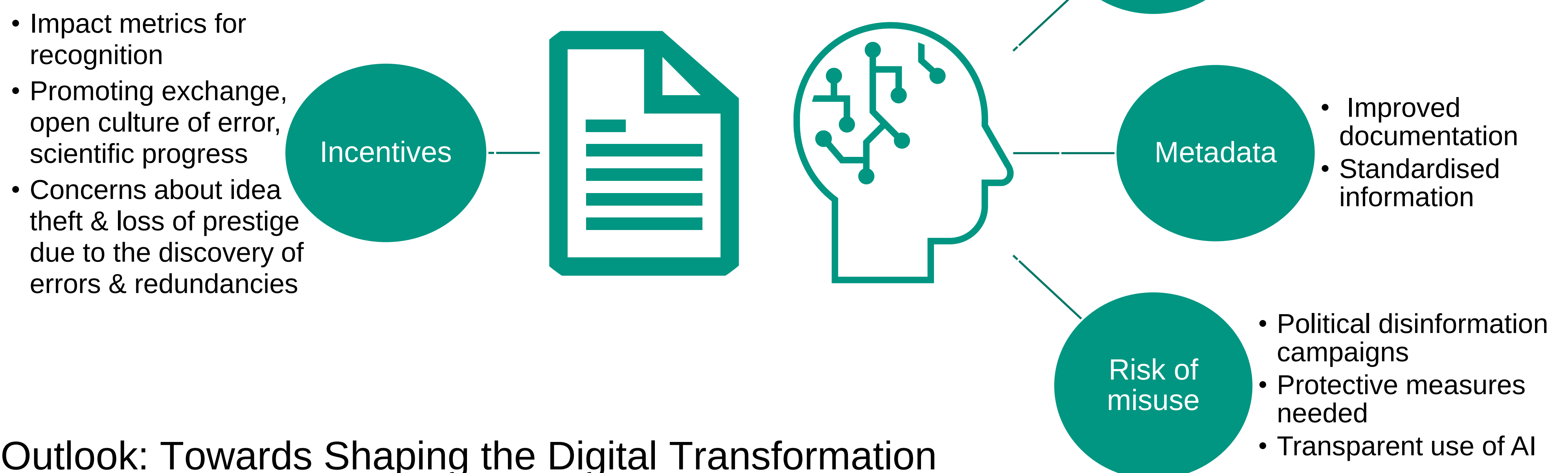
State of the Art: Sharing Research Data



Methods: Qualitative Social Research



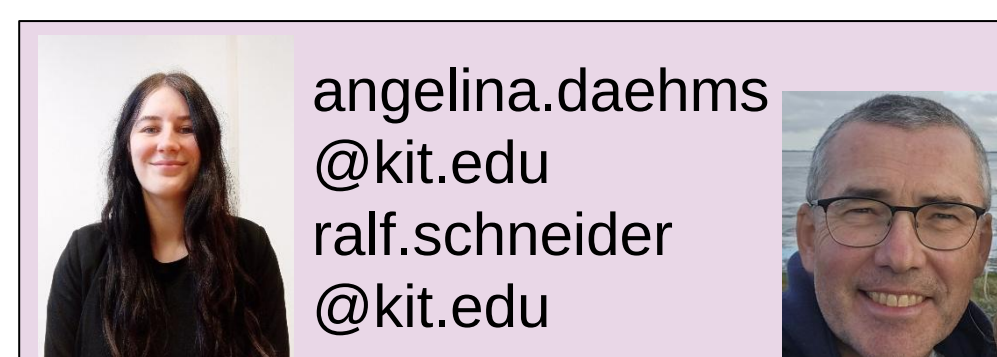
Interdisciplinary Potentials & Challenges of Generative AI



Outlook: Towards Shaping the Digital Transformation



- Interdisciplinary cultural shift in science towards open science & open data
→ **How to bring discipline-specific demands together?**
- Constant exchange of suitable formats & standards needed
→ **Reflection of technical, legal aspects as well as research ethics**
- The debate on generative AI for research data is just beginning
→ **Shared community guidelines and promising use cases needed**



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