

Project in numbers



10 Partners



7 Countries



36 Months



~2m EUR

Perceived poor levels of “reproducibility” have become a key concern in recent years. Definitions vary, but at its broadest, reproducibility just means obtaining consistent results when repeating experiments and analyses. It is seen to be threatened by lack of transparency in reporting, questionable research practices and publication biases caused by bad incentives. But although reproducibility is often

taken to be a key tenet of empirical research, its meanings, causes, and consequences are actually far from uniform across research domains. TIER2 works with researchers, science publishers and funders to explore reproducibility in all contexts, to broaden our understanding, create and test contextually-relevant tools that will boost trust, integrity, and efficiency in research.

WHAT DO WE WANT TO ACHIEVE?



Create conceptual frameworks for assessing the state of reproducibility across scientific domains and contexts.



Co-create reproducibility-related tools and interventions for different disciplinary contexts.



Build capacity to tackle reproducibility issues by linking and empowering individuals and networks.



Co-create a policy roadmap on relevant priorities for improvement of future reproducibility and science integrity.

CO-CREATIVE METHODS

Using co-creation and “future studies” techniques like scenario-planning, backcasting, workshops and focus groups, we will work collaboratively with researchers, publishers and funders to focus our interventions on what matters.

PARTNERS

-  Know-Center GmbH – Project Coordinator
-  Athena Research Center
-  Stichting VUmc Amsterdam
-  Aarhus University
-  Pensoft Publishing
-  Gesis Leibniz Institute for Social Sciences
-  OpenAIRE
-  Charité - Universitätsmedizin Berlin
-  University of Oxford (Associated Partner)
-  Biomedical Research Center Fleming