

Community feedback on the QUADRIGA Data Literacy Framework

The QUADRIGA Data Literacy Framework was developed to map the Open Educational Resources (OER) created in the QUADRIGA project to a specific step in the scientific research process and to offer an individual learning path.

QUADRIGA Data Literacy Framework

The QUADRIGA data literacy framework additionally aims to promote scientific integrity and reflective thinking. It seeks to support an inherently open attitude (in line with the guiding principle of being as open as possible and as closed as necessary) towards the sharing and reuse of research data. To achieve this, the necessary skills are taught at every step of the data-based research process (see data flow).

Prior knowledge of basic concepts of research data management and Open X, as well as knowledge of areas of application for data, are helpful.

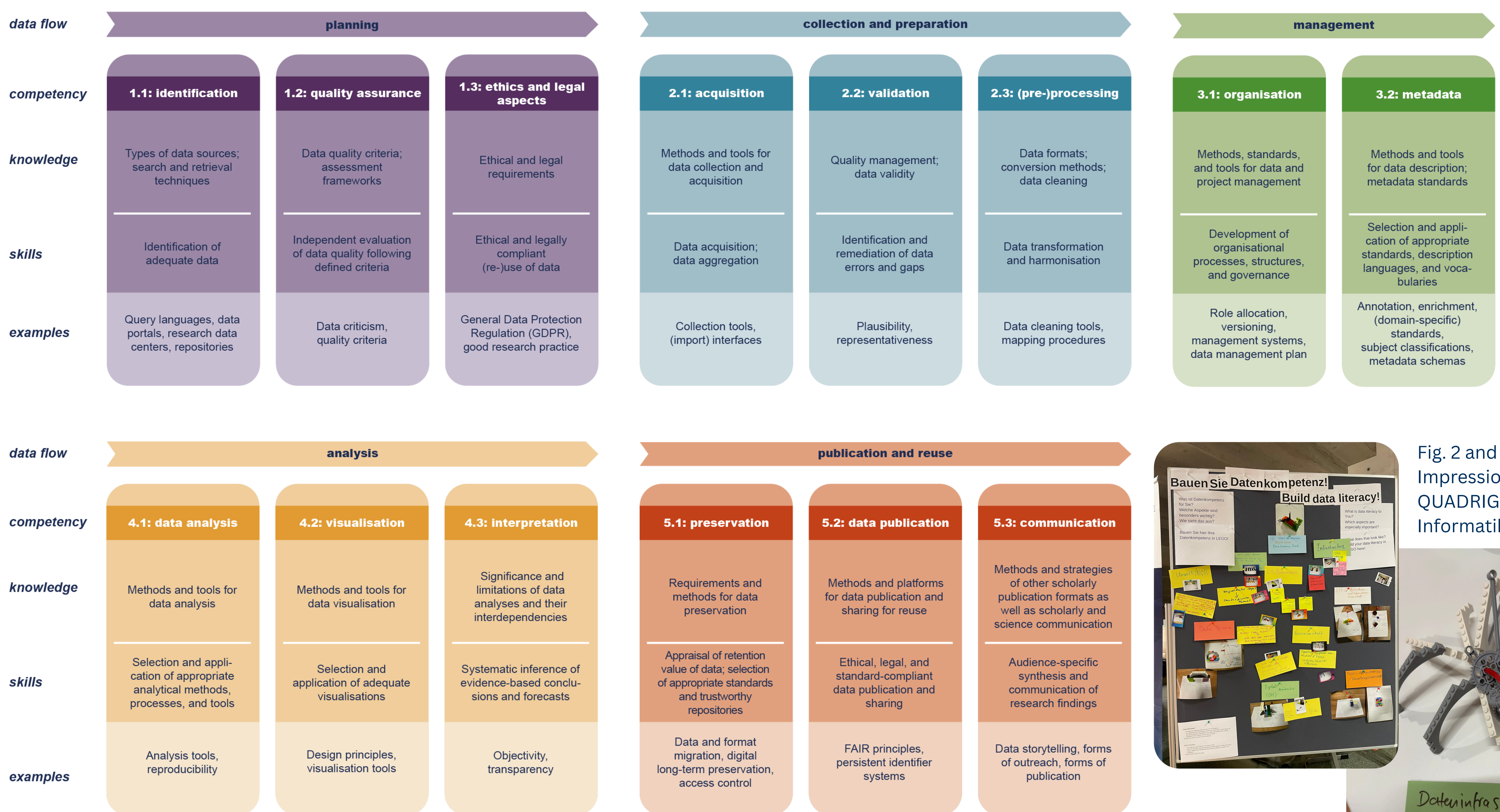
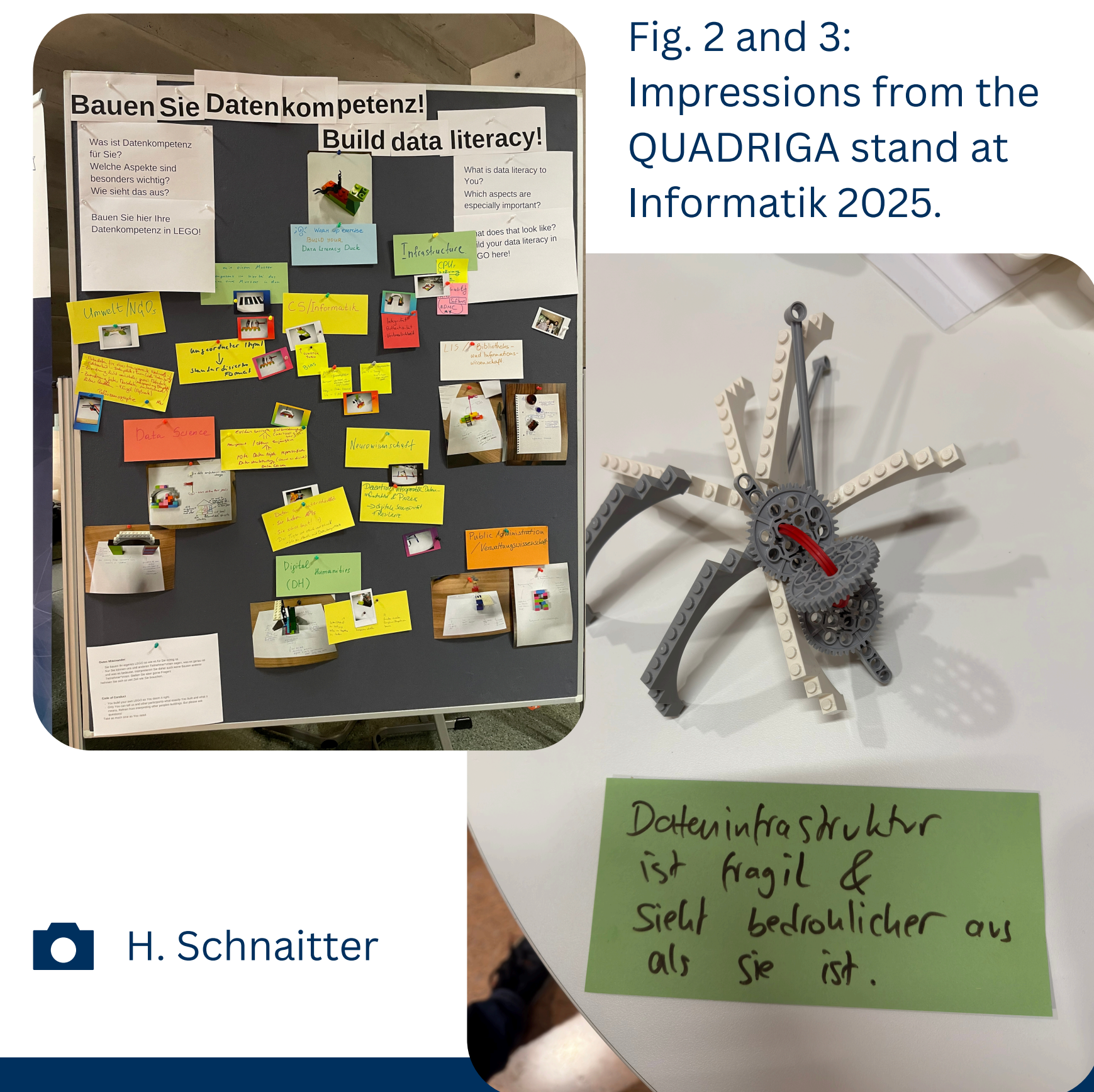


Fig 1: Unpublished draft of Framework version 4.



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One of the methods used to engage in dialogue with experts was inspired by the Lego Serious Play Open Source Guide. Conference participants were asked to build structures related to data literacy using Lego bricks. This creative construction process opened up communication on different perspectives on the topic, the evaluation of which will be taken into account in the revision of the framework.

The framework's distinctive feature is its interdisciplinary approach, which is already evident in the disciplines organised in the QUADRIGA project. The poster invites other disciplines to review the current version of the QUADRIGA Data Literacy Framework for applicability in their own discipline.