

OPEN SCIENCE IN THE HELMHOLTZ ASSOCIATION

HELMHOLTZ OPEN SCIENCE OFFICE

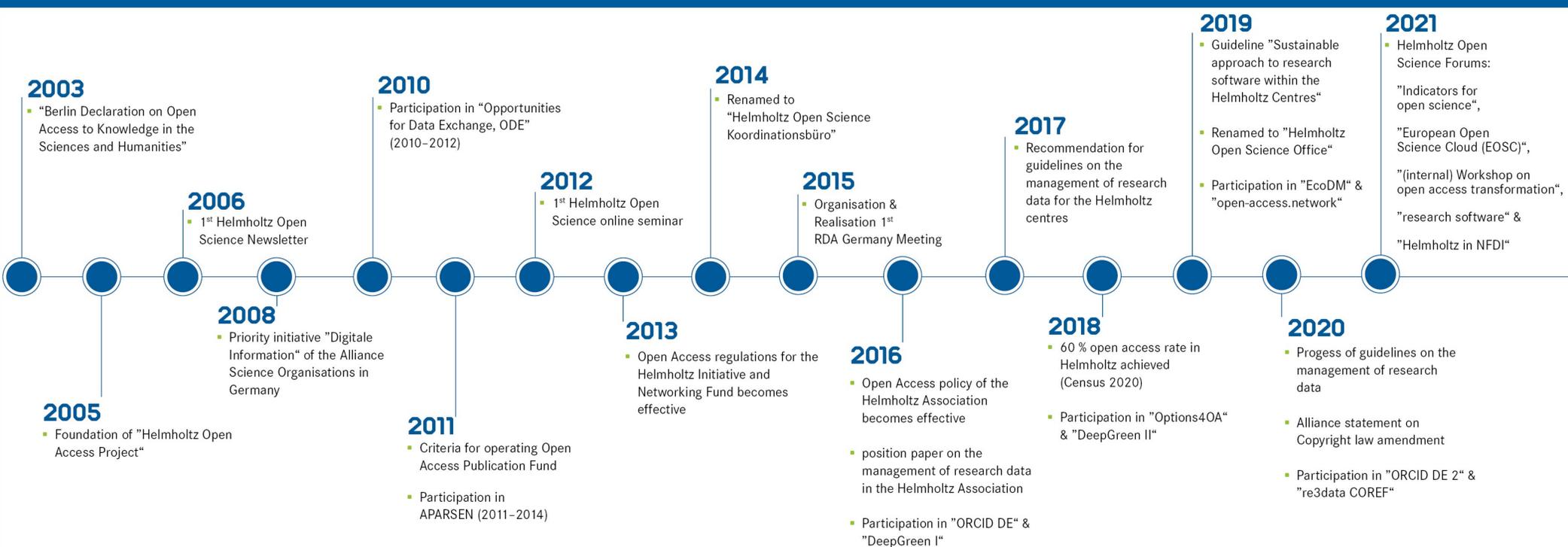
- The mission of the Helmholtz Open Science Office is to promote the cultural change towards open science. The office, established by the Helmholtz Association in 2005, sees itself as a service provider that supports the community in shaping the cultural change towards open science. The Helmholtz Open Science Office is a partner of all stakeholders involved in this process within Helmholtz.
- Guided by the motto "Enabling open science practices in Helmholtz!" the Helmholtz Open Science Office works within the Association and promotes the visibility of Helmholtz on a national as well as international level within the context of open science in the spirit of the Helmholtz mission.

OPEN ACCESS

- The Helmholtz Association operates a distributed repository infrastructure that the Centers maintain as part of their publication management to promote open access (e.g., by making accessible self-archived publications and original open access publications). To promote open access, the Centers have entered consortium agreements with publishers pertaining to aspects of open access publication fees.
- For the publication year of 2019 the open access quota for scientific articles measured 67% across Helmholtz.
- For open access, one of the Helmholtz Open Science Office's key endeavours, in cooperation with the Task Group Open Access Transformation, is the promotion of the transformation from subscription-based access to open access.

OPEN RESEARCH DATA

- In 2016, the Helmholtz Association adopted a position paper with the title "Making information resources more usable" on the handling of research data. Guidelines for the handling of research data are being developed at the Centers in order to provide practical steps to implement this directional decision.
- As a result of the OS Office's work, most Centers have already drawn up guidelines for handling digital research data.
- In the field of open research data, the Helmholtz Open Science Office, in cooperation with the Task Group for the Implementation of the Guidelines on Research Data, focuses on supporting the Centers in developing policies and related practices in handling digital research data.



OPEN RESEARCH SOFTWARE

- At the Helmholtz Centers, various research software initiatives are currently being implemented. Since 2016, the Task Group Research Software of the Working Group on Open Science in the Helmholtz Association has been dedicated to the accessibility and re-use of research software in the context of open science.
- To further advance the topic in Helmholtz in a coordinated manner, the Task Group Research Software and the Software Services Platform of HIFIS have formed the Forum Research Software in the Helmholtz Association since 2020. Currently, the Forum is initiating a Helmholtz-wide process to support the further implementation of policies for research software.

NETWORKING

- The creation of an appropriate framework for favourable open science conditions as well as the promotion of the subject areas of open access, open research data, and open research software go hand in hand with creating a network of national and international partner organizations. To this end, the Helmholtz Open Science Office coordinates with various partner organizations.
- Partners (in selection): Priority Initiative "Digital Information" of the Alliance of German Science Organizations, Confederation of Open Access Repositories (COAR), German Initiative for Network Information (DINI), European Association of Research and Technology Organisations (EARTO), German Reproducibility Network (GRN), Research Data Alliance (RDA) and RDA Deutschland.

DIALOGUE

- Internal mailing list "Helmholtz Open Science Professionals" for members of the Helmholtz Association
- Helmholtz Open Science Online Seminars
- Helmholtz Open Science Fora
- Helmholtz Open Science Newsletter

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