

Enabling Open Access at CERN, almost at 100%!

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► A long history

- 1953, CERN founding convention
"the results of its experimental and theoretical work shall be published or otherwise made generally available."
- Preprint culture in High Energy Physics
- Since the the 1950s particle physicists at CERN shared their results with scientists across the world by distributing (paper) preprints.
- arXiv (created 1990) developed this habit further through electronic pre-prints
- 2005, the first Open Access policy for LHC published articles, and first OA agreements were signed with the publishers.
- 2014, launch of the Sponsoring Consortium for Open Access Publishing in Particle Physics (SCOAP3), hosted at CERN, 90% of all HEP journal articles are now available Open Access



SCOAP3 (Sponsoring Consortium for Open Access in Particle Physics)



Collective models (SciPost, Annual Reviews, Physical Review Accelerators and Beams)



Read and Publish agreements
Agreements with Gold Open Access publishers



Individual APCs covered under certain conditions

► CERN supports Open Access beyond journal articles

- CERN has supported the OA publication of more than 15 monographs
- SCOAP3 for Books is converting over 100 books to Open Access; 60 are already available in a dedicated collection on the OAPEN platform. More books will be published Open Access through this ongoing initiative

► Open Access Policy

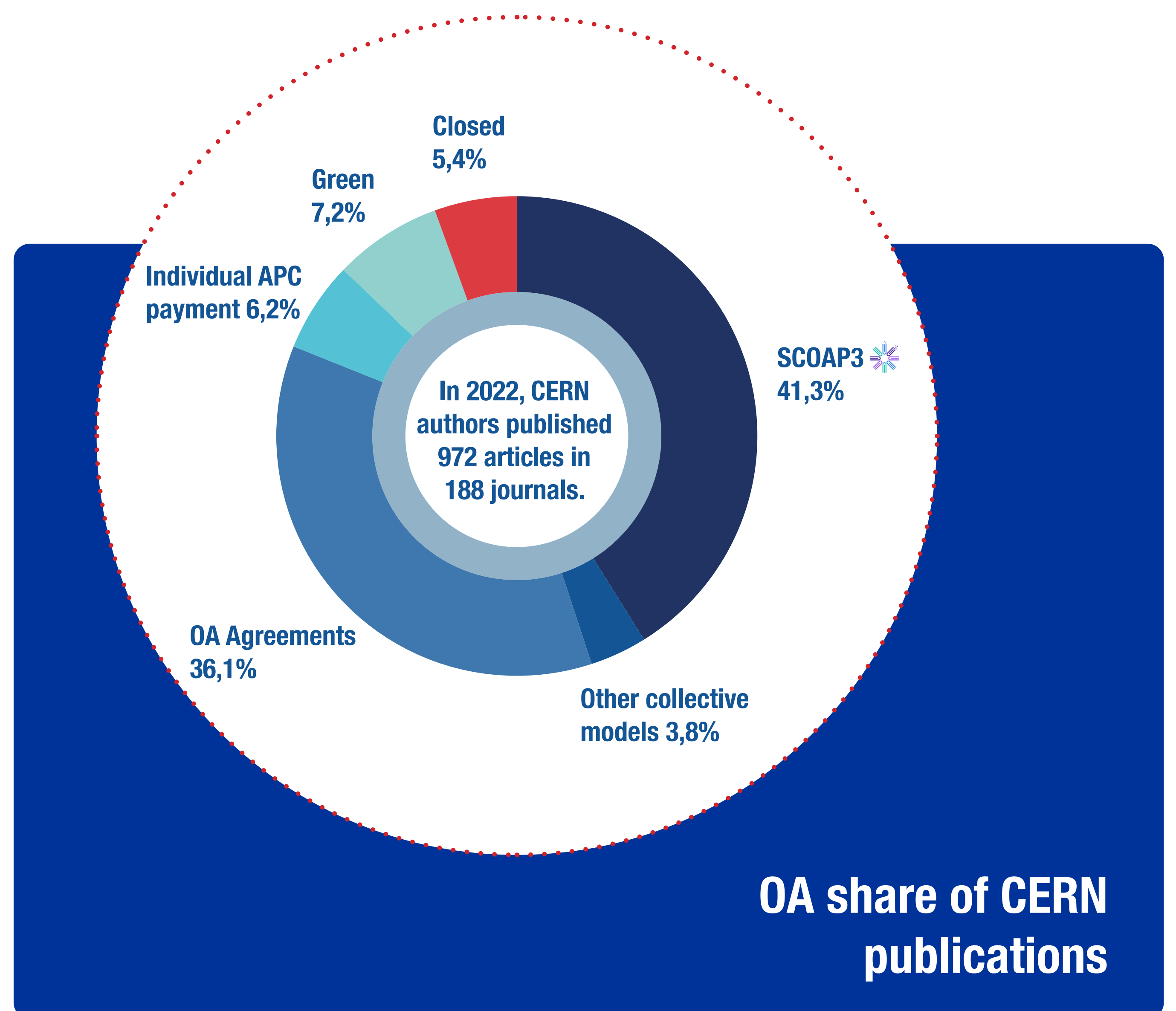
- Signed by the Director General in 2014, revised in 2017 and 2021
"CERN authors are required to publish all of their peer-reviewed primary research articles open access (by default under a Creative Commons attribution license, i.e. CC-BY-4.0)."
- Creative Commons Attribution license (CC-BY)



► Supporting the authors

- CERN supports different Open Access models (diamond, gold or hybrid) covering a wide range of disciplines and the diversity of CERN authors.
- Transparency of all agreements and different models on central webpage
- Authors supported by central help-line and electronic CERN Author Guide: they answer simple questions and receive guidelines at the journal level

[Click here to start the CERN Author Guide](#)



► Going beyond Open Access

CERN has signed its Open Science policy in October 2022

"Supported by long-term financial investments from its Member and Associate Member States, with significant contributions also from non-Member States, CERN is committed to the advancement of science and the wide dissemination of knowledge by embracing and promoting practices making scientific research more open, collaborative, and responsive to societal changes. ... CERN accordingly recognizes the holistic practice of open science as one of its guiding principles."

Open Access wouldn't be possible without the infrastructures developed by the community

Directory of Open Access Journals



ORCID



Registry of Research Organizations:



OASwitchboard



OAPEN



ArXiv



ESAC



► References

- Convention for the establishment of a European organization for nuclear research : Paris, 1st July, 1953 (<https://cds.cern.ch/record/330625?ln=en>)
- CERN Open Access Policy (2014, 2017, 2021) (<https://cds.cern.ch/record/1955574>)
- CERN Open Science Policy (2022) (<http://dx.doi.org/10.17181/CERN.RTIF.Z8B0>)
- SCOAP3 (<https://scoap3.org>)
- Scientific Information Service website (<https://scientific-info.cern>)
- CERN Open Science (<https://openscience.cern/>)
- CERN SIS activity report 2022 (<https://doi.org/10.17181/CERN.6C7P.XF18>)