

Open Science at NWO

Maria Cruz | 23 February 2023 | University of Twente



About me

- Joined the Executive Board Office of NWO as Policy Advisor Open Science in October 2019.
 - Research data management policy
 - Persistent Identifier Strategy
 - Open Science Fund
 - Software Management Plans
- Chair of the Science Europe Working Group on Open Science since March 2022
- 2023: Senior Policy Advisor and Program Leader Open Research Software (Regieorgaan Open Science)



How does NWO support and stimulate Open Science?

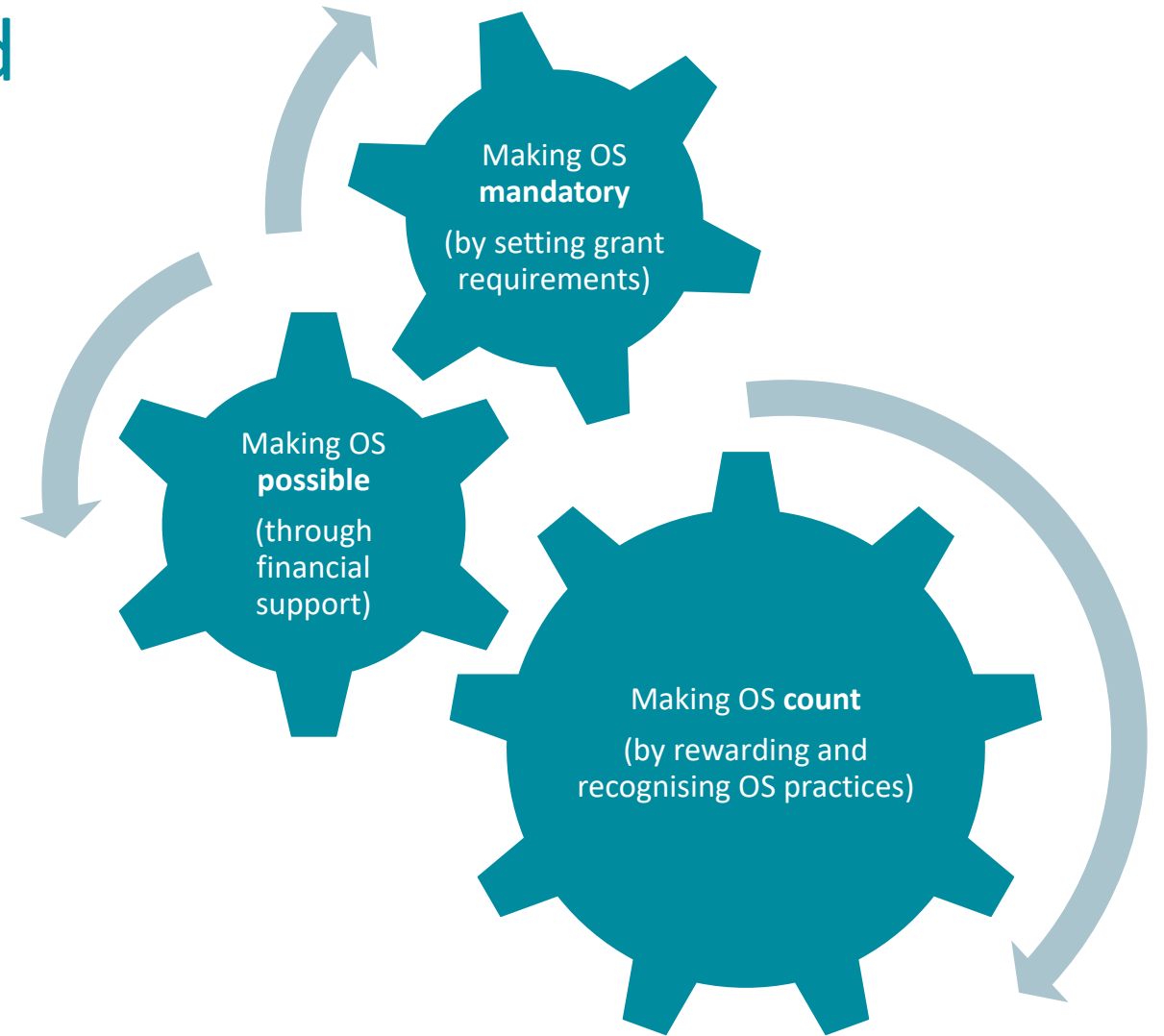
1. Policies and grant requirements

- Open Access / Open Books
- Research Data Management

2. Recognition and rewards

- Open Science Fund

3. Financial support for infrastructure and services



1 Policies and requirements



NWO Open Science policies

Aimed at ensuring that publicly funded research outputs are as open as possible, and only closed where necessary, for the benefit of science and society.



Image: Krista van der Niet (for [NWO Onderzoek magazine](#))

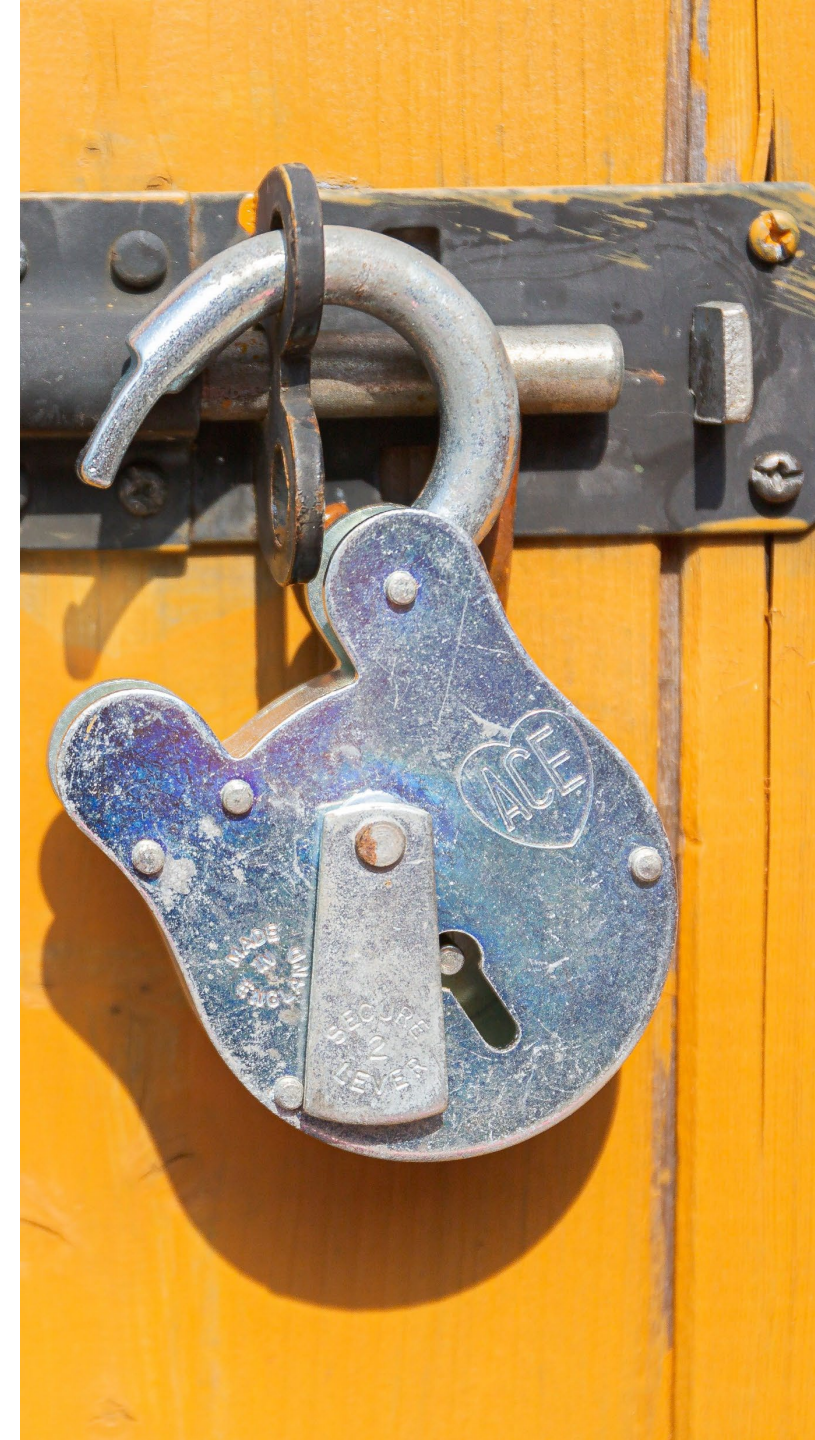
NWO grant requirements

Open Access publishing

- All publications emerging from NWO funded research must be made available open access immediately upon publication.

Research Data Management

- Researchers are expected to carefully manage all research data generated as part of NWO funded projects.
- As open and FAIR as possible, closed if necessary.
- As a minimum, research data underlying research publications should be published alongside those publications, unless there are valid reasons not to do so.



Open access books

- NWO also expects books, book chapters and edited volumes resulting from research funded by NWO to be made available open access.
- NWO supports open access books with a dedicated funding scheme.
- Up to € 10.000,- per academic book (monograph or collected volume) provided it is the result of NWO funded research*.
- For more information and requirements, see:
<https://www.nwo.nl/en/calls/open-access-books>

*For peer-reviewed books with an academic readership only. Trade books are excluded.




Open Access Book Publication Fund

Call for proposals



2 Recognition and rewards





“For open science to become a norm,
we need to give credit and recognition
to the researchers who put open
science into practice.”

Maria Cruz, Hans de Jonge, Beyond mandates: For open science to become a norm, it must be recognised and rewarded, [LSE Blog](#)

Open Science Fund



Open Science Fund
erkenning en waardering van open science

Call for proposals

- New funding instrument to recognise and reward researchers who are at the forefront of open science
- Open to researchers from all disciplines
- For projects up to max €50.000,-
- 2021 first round: huge interest from the community (167 eligible proposals of which 26 were awarded)
- Open science track record question
- Published accepted and rejected proposals (with consent)



Felipe PJ @fjvost · Dec 1, 2020

What a great idea! Promote the adoption of [#OpenScience](#) with a little 💰 incentive! Other countries would benefit from this model.



Mathew Tata
@maj_tata



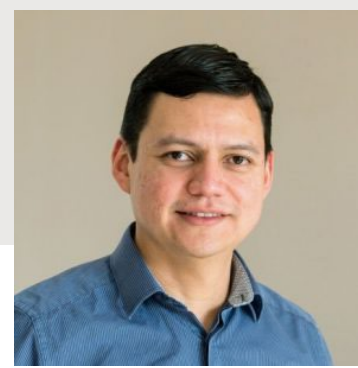
Absolutely fantastic directive from the Dutch national funder as they set up new funds to support research solely aimed at furthering [#OpenScience](#).

Research on research, brought to you by [@NWO Nieuws](#)



Open Science Fund Award – Univ. Twente

JupyterFAIR: Integration of interactive research environments to data repositories to facilitate FAIR data management practices

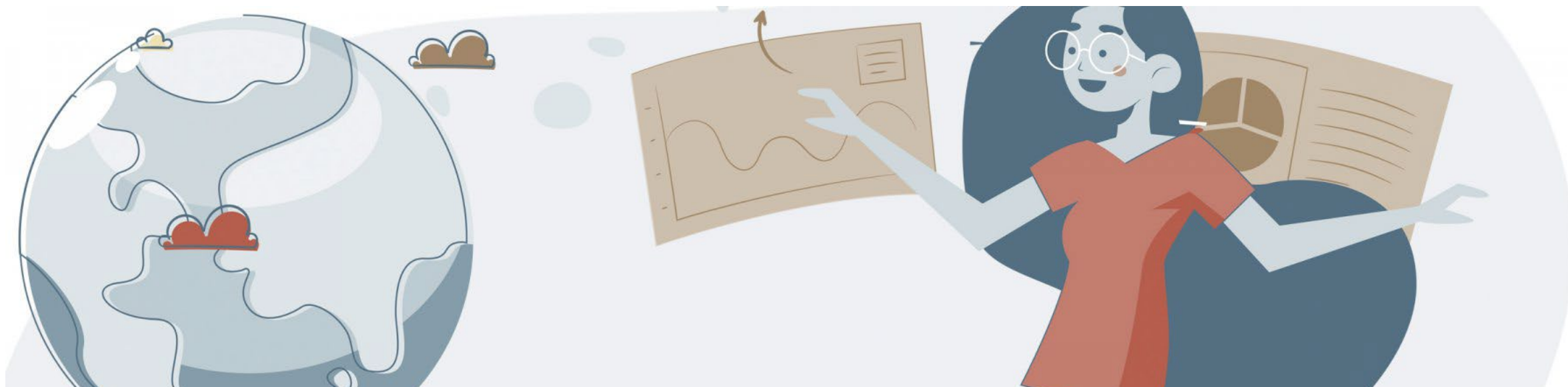


<https://www.nwo.nl/en/researchprogrammes/open-science/open-science-fund/open-science-fund-2021-awarded-grants>

Open Science Fund 2023

- Aim to support projects specifically designed to implement and stimulate open-science practices.
- Projects up to €50,000 and one year duration. Total available budget: €3,000,00.
- Two deadlines in 2023 (€1,500,00 each): **9 May and 26 September**.
- **NEW: Applicants will review each other's proposals (NWO Open Competition XS method).**
- **NEW: Open science methodology (including RDM and software sustainability) part of evaluation.**

<https://www.nwo.nl/en/calls/open-science-fund-2023>



3 Open Science infrastructure support





Open science requires open infrastructure

NWO supports a number of community-driven open science infrastructures and services:



Europe
PubMed
Central



Take-home messages



Summary

- NWO is committed to open science because it leads to:
 - reliable and transparent research;
 - increased collaboration and knowledge sharing for the benefit of science and society.
- For those who apply for NWO funding, there are grant requirements in place to ensure outputs are made openly available.
- But rest assured: NWO is also actively supporting the transition to open science by:
 - rewarding open science practices;
 - providing financial support.

<https://www.nwo.nl/en/open-science>



Thank you! Any questions?

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