

**Where does  
NWO stand in  
the journey to  
FAIR?**

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1.

**FAIR is a journey**

## Culture change around data sharing is a journey...

Funders play an important role in promoting **responsible data management, data preservation, sharing and citation**, in other words FAIR data.





2.

# **FAIR is fair**

Why do research funders care?

## Research data that is ....

- ⦿ Well documented and annotated
- ⦿ Discoverable and accessible
- ⦿ Integrates easily with other data

## Leads to...

- ⦿ Reliable and transparent research
- ⦿ Knowledge sharing and innovation
- ⦿ Follow-on research and opportunities for collaboration



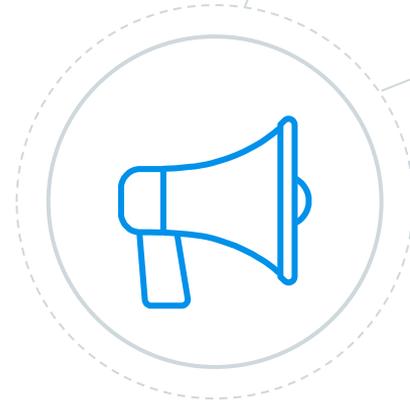
A decorative network diagram in the top-left corner, consisting of various sized grey circles (nodes) connected by thin grey lines (edges). Some nodes are solid grey, while others are hollow with a grey outline. The network is dense and irregular, extending from the top-left towards the center of the slide.

3.

# NWO and FAIR

# Since 2016

NWO embraced the FAIR principles  
in its RDM policy as early as 2016.  
Data as open and **FAIR as possible**,  
as closed as necessary.



**Raise  
awareness**

RDM and FAIR  
data sharing in  
grant  
requirements

<https://www.nwo.nl/en/research-data-management>



## Harmonising RDM requirements in Europe

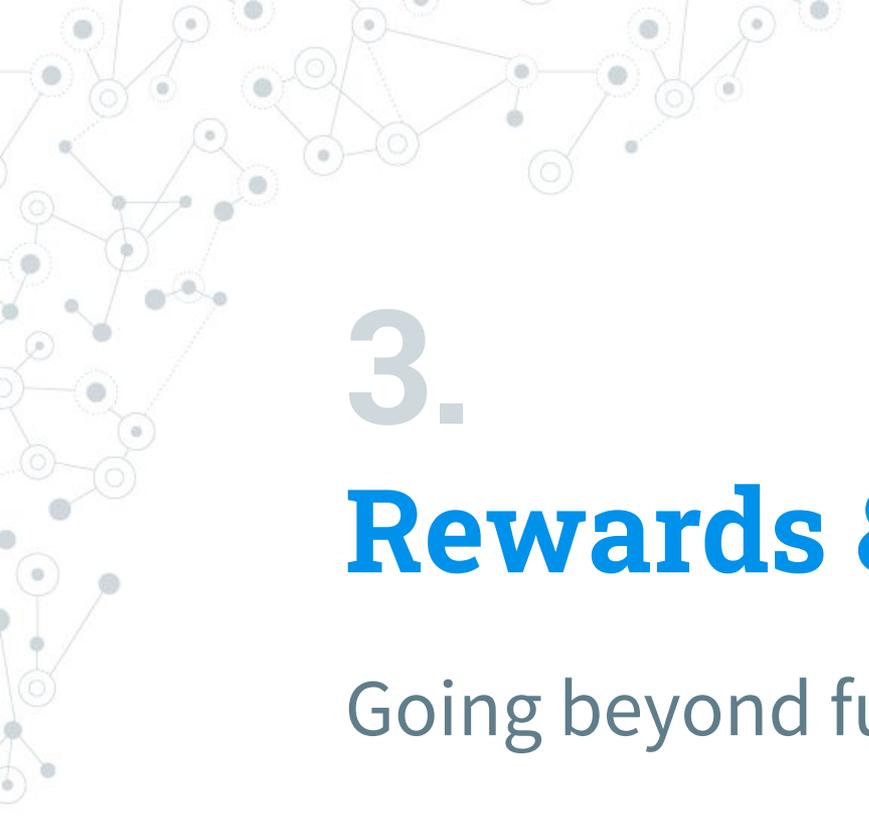
In 2018, together with Science Europe, NWO championed international alignment of research data management.



## Investing in capacity building for FAIR data

In 2020, NWO funded Dutch universities and other public research institutions to set up or expand on Local Digital Competence Centers.





3.

# Rewards & incentives

Going beyond funder mandates

# Since 2019

NWO leading by example by implementing incentives and recognition for Open Science.



## DORA implementation

### Blog | Quality over quantity

Author: Kasper Gossink-Melenhorst

Date: 14 November 2019 How the Dutch Research Council is giving researchers the opportunity to showcase diverse types of talent.



## Open Science Fund

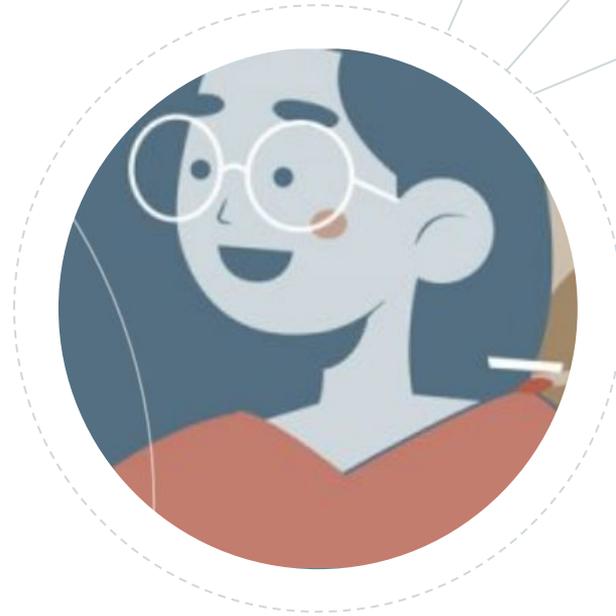
New funding instrument to stimulate Open Science

1 DECEMBER 2020



## Open Science Fund 2020/2021

Support for projects that improve how research outputs are made findable, accessible, interoperable, re-usable (FAIR) and reproducible.





“

*With the **NWO Open Science Fund** we hope to identify the researchers who are leading the way in implementing open science practices in the Netherlands.*

# Credits and references



## Inspired by

Parts of this presentation were inspired by a talk given by Shelley Stall (AGU) on 5 February 2021 at the seminar **Data Sharing and Citation: How Societies Can Make a Difference**, available via <http://doi.org/10.5281/zenodo.4509782>

## Further reading

[Beyond mandates: For open science to become a norm, it must be recognised and rewarded](#)

[Quality over quantity: How the Dutch Research Council is giving researchers the opportunity to showcase diverse types of talent](#)

## Additional references

- ◎ Hans de Jonge, & Maria Cruz. (2021, January 21). The benefits of Open Science: Evidence for claims made in the NWO animation on "Open Science" (Version final). Zenodo. <http://doi.org/10.5281/zenodo.4454973>
- ◎ Science Europe Practical Guide to the International Alignment of Research Data Management - Extended Edition
- ◎ New funding instrument to stimulate Open Science, NWO 1 December 2020
- ◎ Local Digital Competence Centers - NWO Call for Proposals



# Thanks!

## Any questions?

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## Slides and photos

Thanks to all the people who made and released these resources for free:

- ◎ Presentation template by SlidesCarnival
- ◎ Photographs by Unsplash