



Open Science NL

The Dutch policy in practice

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Ministry Education Culture & Science

CWTS, Leiden University

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Overview

- › The Open Science NL program – the policy perspective
- › The rationales of the Open Science program – the practice



The policy



More than 10 years of support for Open Science in the NL's



2013

100% Open Access

Stated as government ambition



2017

National Action Plan

& National Platform Open Science (NPOS)



2023

Extra investments

New organizational structure



2016

Amsterdam Call to Action

On Open Science & NL EU Presidency & Council conclusions



2022

Renewed ambitions

Heavily inspired on UNESCO recommendations





NPOS Rolling Agenda





Policy brief minister of education

17 June 2022

3.3 Kennis delen en benutten

3.3.1 Open science en open education moeten de norm worden in hoger onderwijs en onderzoek, zoals het Coalitieakkoord stelt. Academisch werk moet vrij toegankelijk en gemakkelijk benaderbaar zijn en de dialoog tussen onderzoekers, docenten en burgers moet worden gestimuleerd. Vrije en veilige uitwisseling van ideeën tussen onderzoekers en maatschappelijke partijen is namelijk essentieel voor excellente wetenschappelijke kennis. Deze doelstellingen komen samen in de transities naar open science en open education, die zich momenteel nog in verschillende stadia bevinden. Om de transitie naar open science, die in het afgelopen decennium al is ingezet, extra kracht bij te zetten, verken ik met NWO de oprichting van een 'Regieorgaan open science', waarbij ik uiteraard ook in gesprek ga met het veld. Met dit orgaan kunnen inspanningen op nationaal niveau beter afgestemd, gebundeld en gecoördineerd worden. Het orgaan krijgt het beheer over € 20 miljoen per jaar om een impuls te geven aan de transitie, voor de looptijd van het Fonds voor Onderzoek en Wetenschap. Daarna moet open science de norm zijn en moet het volledig zijn opgenomen in de werkwijze van universiteiten en andere kennisinstellingen.

Open science and open education should be the norm in higher education and research.

To add further momentum to the transition to open science, which has already begun in the past decade, I am exploring with NWO the establishment of a 'Regieorgaan open science'.

The Regieorgaan will manage €20 million a year to boost the transition, for 10 years.

Mission of Open Science NL

To **advance and accelerate open science** in the Netherlands with the goal of **making open science the norm**



By providing (temporary) **funding** for projects, initiatives and infrastructures, along the lines of the NPOS agenda



By **monitoring** and evaluating progress



By providing a forum for **exchange** of best practice



By organising and facilitating **coordination** at a national level

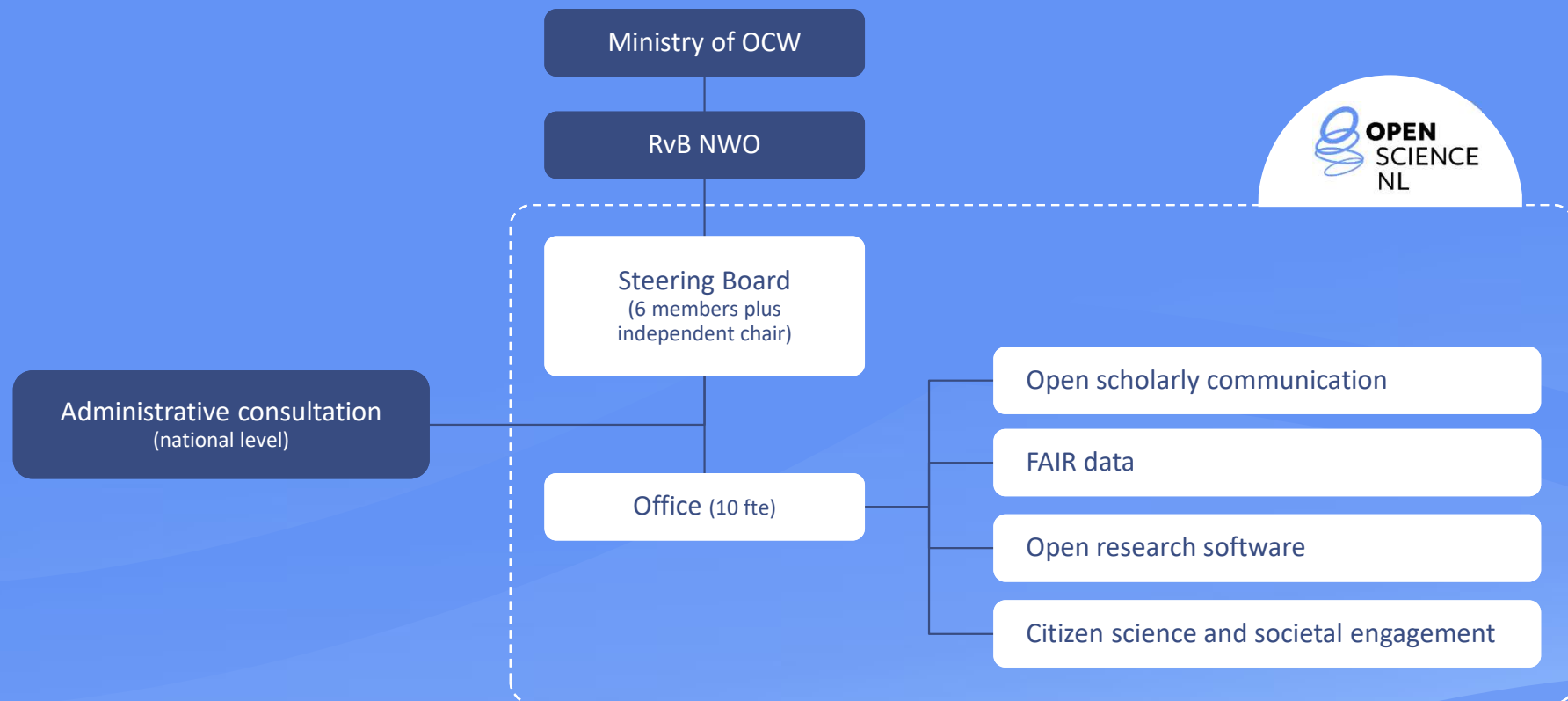
Signing Open Science NL covenant

29 March 2023

- Ministry of OCW
- NWO
- UNL
- NFU
- SHB
- VH
- SURF
- KNAW
- NWO-I
- ZonMw
- UKB
- National library of the Netherlands – KB
- DANS
- Netherlands eScience Center
- 4TUResearchData
- Health-RI



Governance Open Science NL



News › Open Science NL budget cut by half: 'The transition to open science is as important as ever'

Open Science NL budget cut by half: 'The transition to open science is as important as ever'

17 September 2024

'This reduction of the budget by half is a severe blow to open science. Successive Dutch governments have rightly invested in making science more accessible, transparent, and collaborative. Coupled with the other funding reductions, this drastic cut threatens to erode the country's hard-won advancements and leadership in the field.'



This is how Lex Bouter reacts to the cuts in Open Science NL's budget. Bouter is emeritus professor and chairman of the Steering Board of Open Science NL. Instead of €20 million per year, the cabinet plans to allocate only €10 million annually to Open Science NL starting in 2025, for projects aimed at accelerating the transition to open science. This reduction was outlined in the [national budget](#) , presented by the cabinet to the Lower House (de Tweede Kamer) on budget day.

Disproportionate

In May, the governing parties revealed in the framework agreement their plan to reduce the Research and Science Fund by 150 million euros annually, which includes funding for Open Science NL. It has now become clear that even science will not escape these cuts, and in fact it

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The practice of Open Science NL

How Open Science NL works



National Ambition Document provides overall framework



Work programme (every 2 years) based on community consultation, to be approved by SB

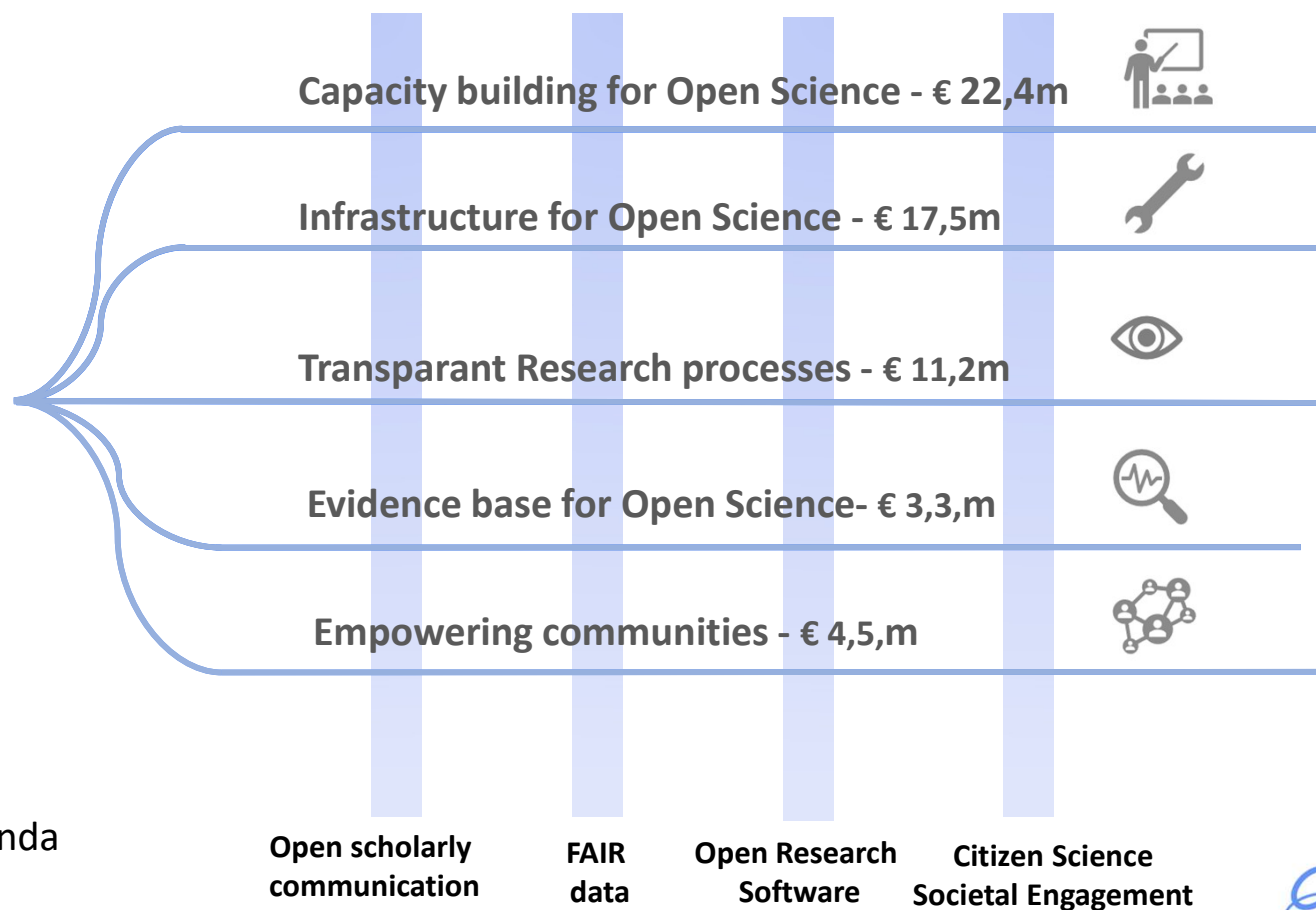


A diverse set of instruments (calls, tenders, targeted grants)

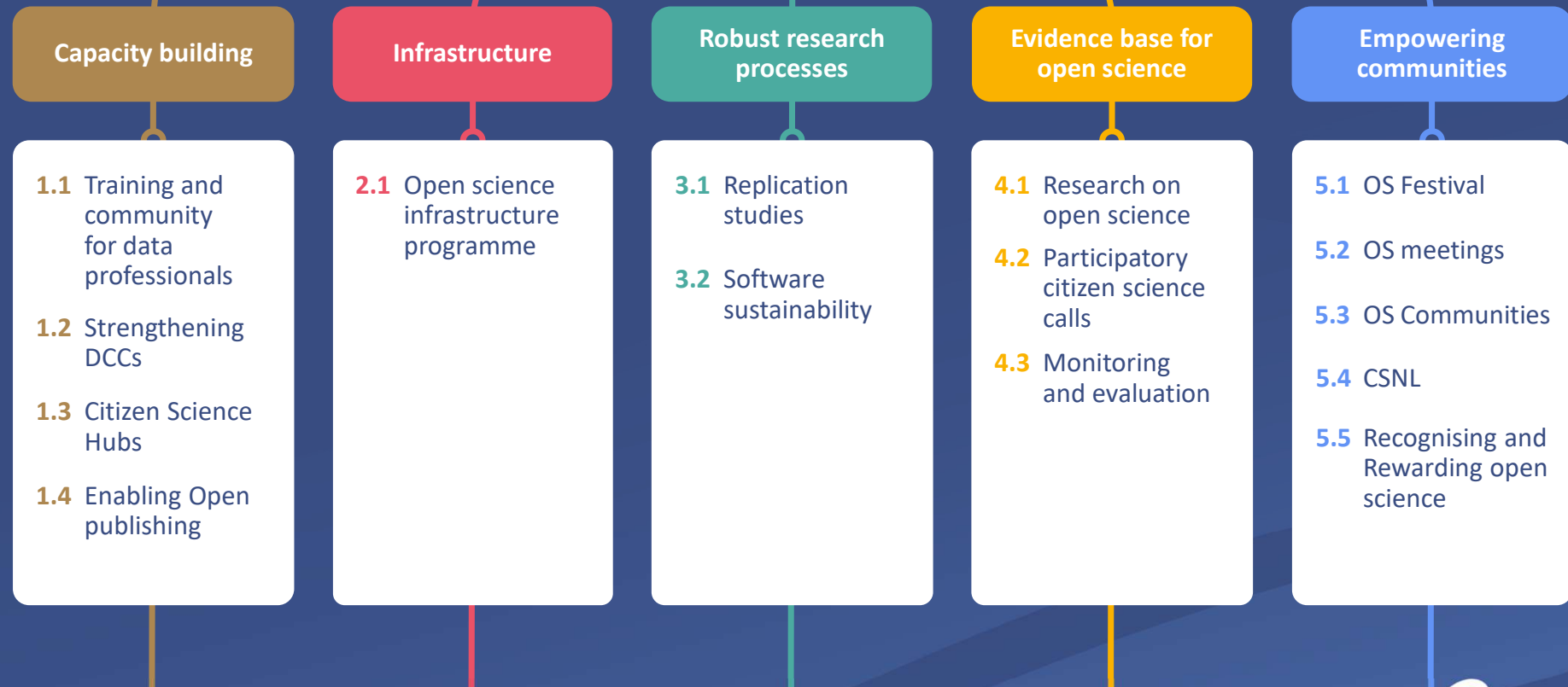
Structure of the first work programme



- 15 funding “actions”
- Of varying sizes
- Covering all aspects of the Open Science agenda



Programme overview



One term, five schools of thought

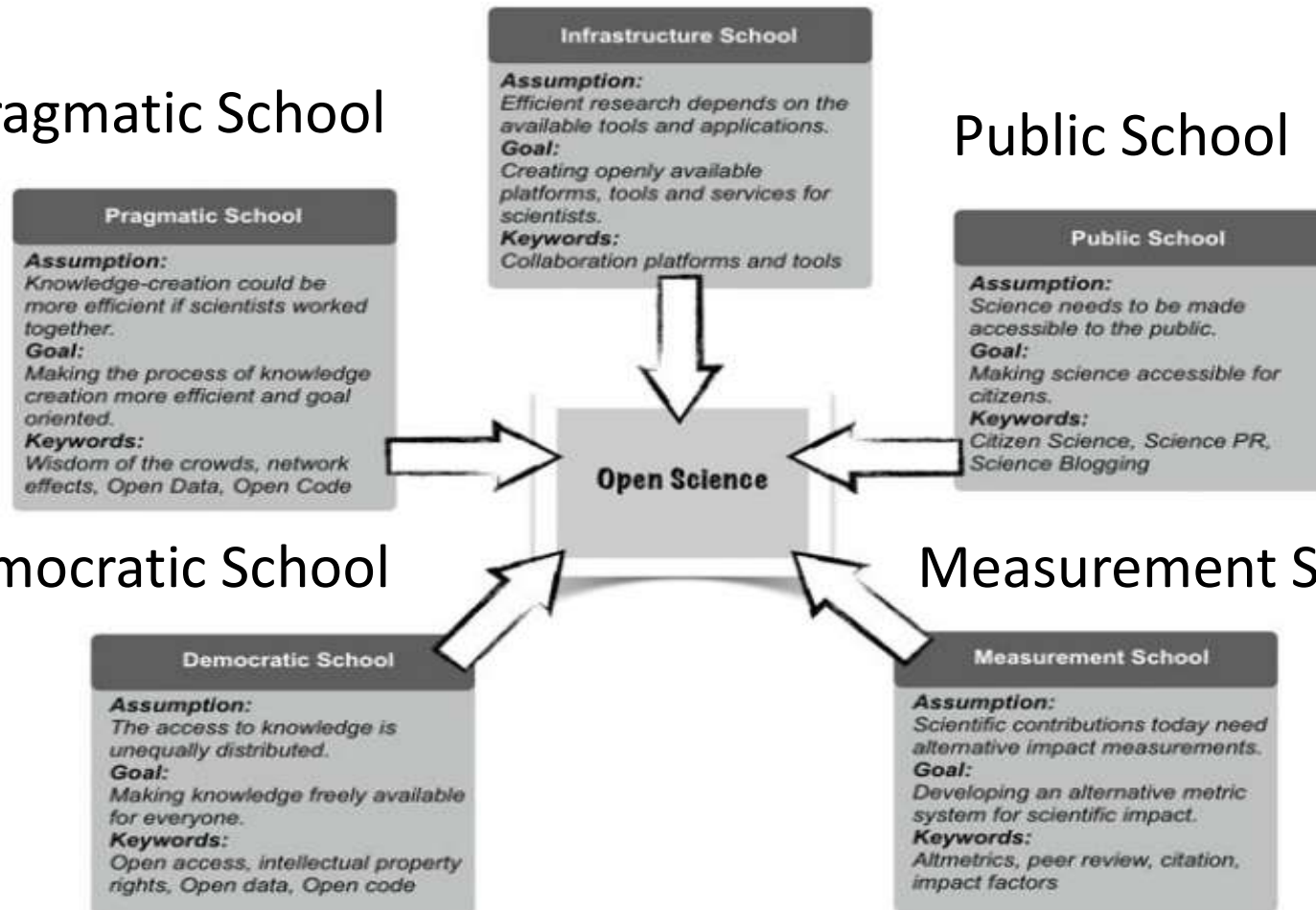
Infrastructure School

Pragmatic School

Public School

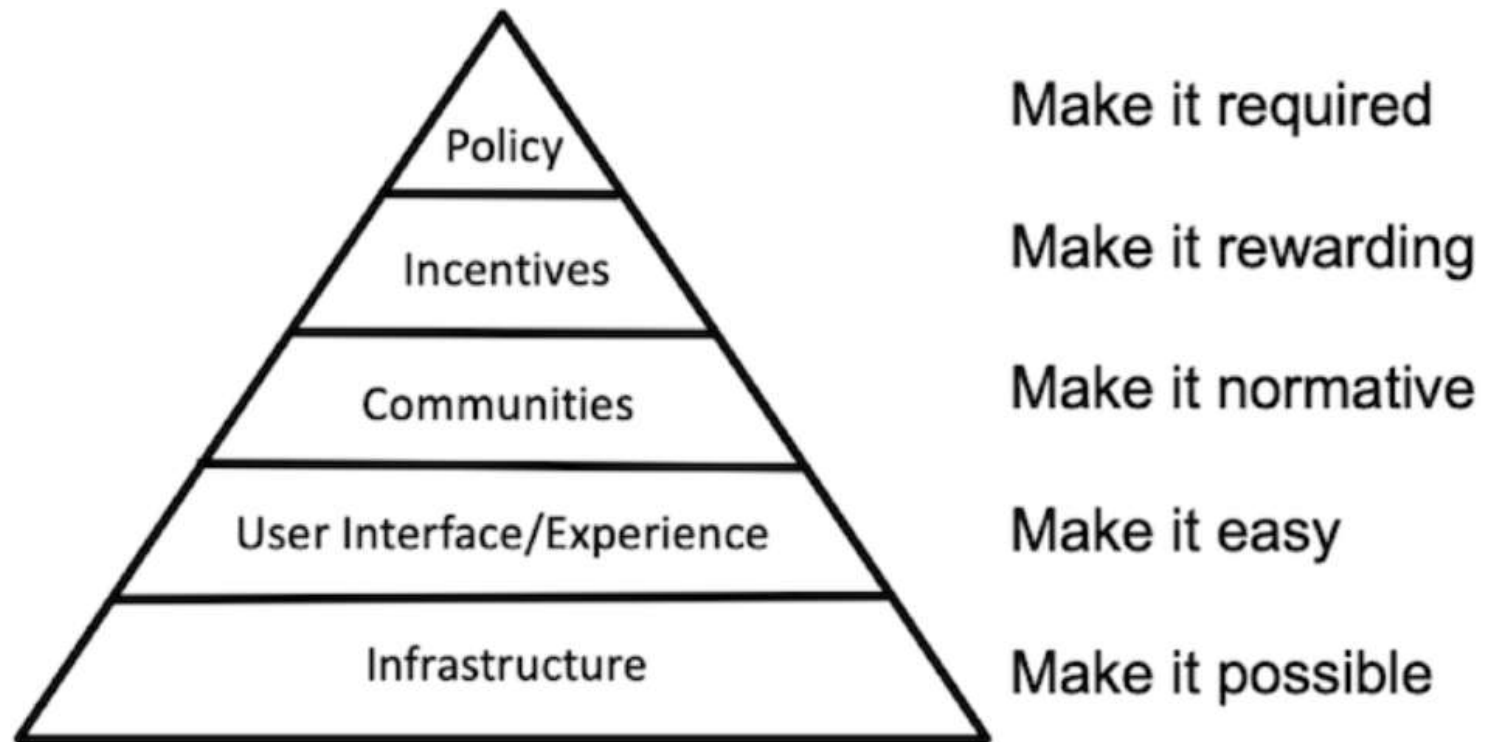
Democratic School

Measurement School



Fecher & Friesike, [“Open Science: One Term, Five Schools of Thought”](#) (2013)

Open Science: a culture change



Brian Nosek, [“Strategy for Culture Change”](#) (2019)



News - RDNL consortium to work on training platform for data professionals

RDNL consortium to work on training platform for data professionals

30 January 2025

Over the next four years, the Research Data Netherlands (RDNL) consortium will both strengthen the profession of data professionals in the Netherlands and expand their skills and competences. To this end, it has contracted with Open Science NL to establish a national training and community platform. The project's kick-off meeting is on 30 January.



The contract involves 4.8 million euros. RDNL is a consortium consisting of DANS, SURF, 4TU.ResearchData and Health-RI. In 2024, Open Science NL invited parties to express their interest to shape the platform, focusing on the role of data stewards. RDNL responded and after a positive assessment of the proposal, the parties signed the contract in December.

Call for proposals
Strengthening Local



CALL FOR PROPOSALS
Open Science
Infrastructure



OPEN
SCIENCE
NL



2024

OPEN
SCIENCE
NL



CS

Citizen Science Nederland



22 OCTOBER 2024, MAASTRICHT

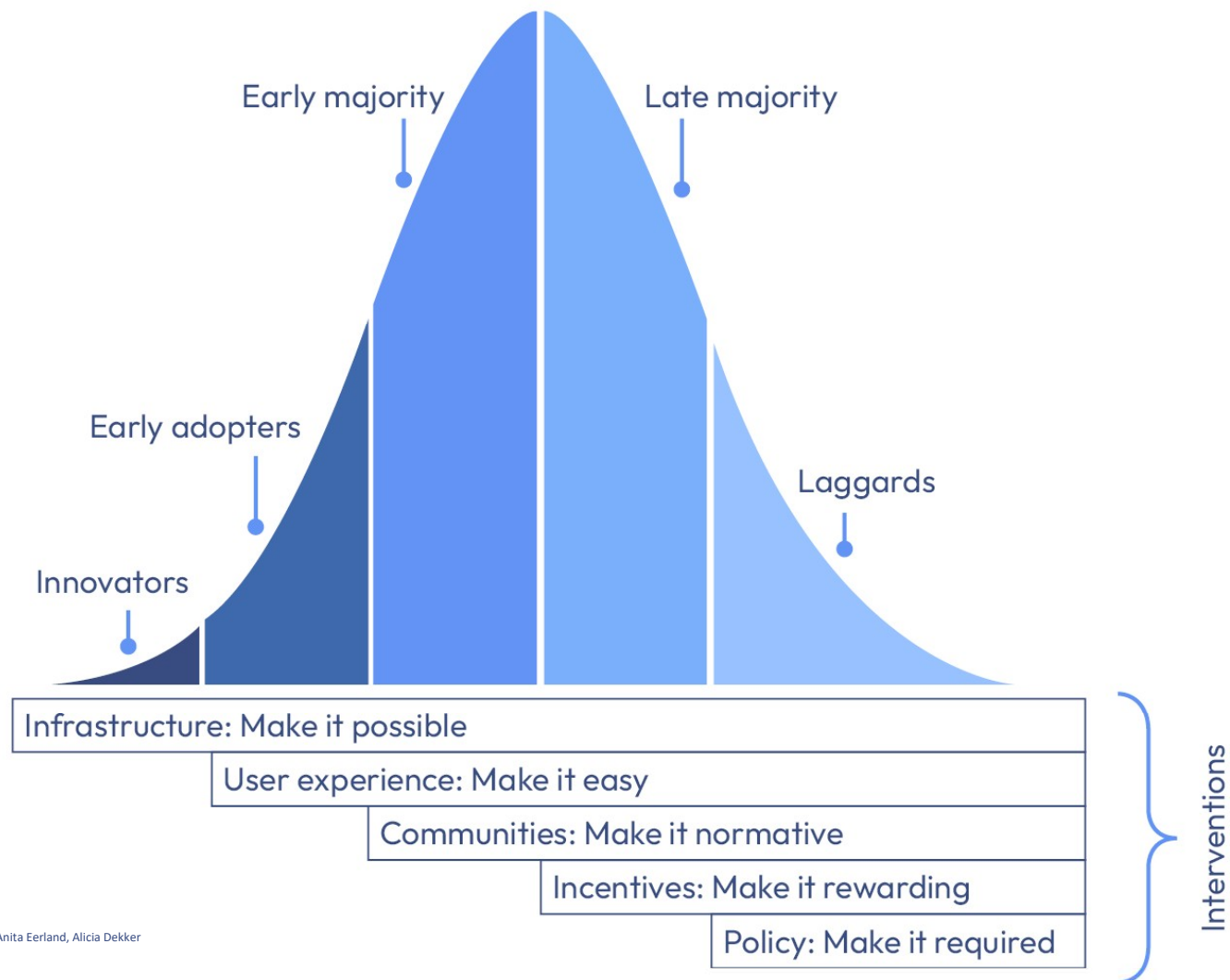
Make it required

Make it mandatory

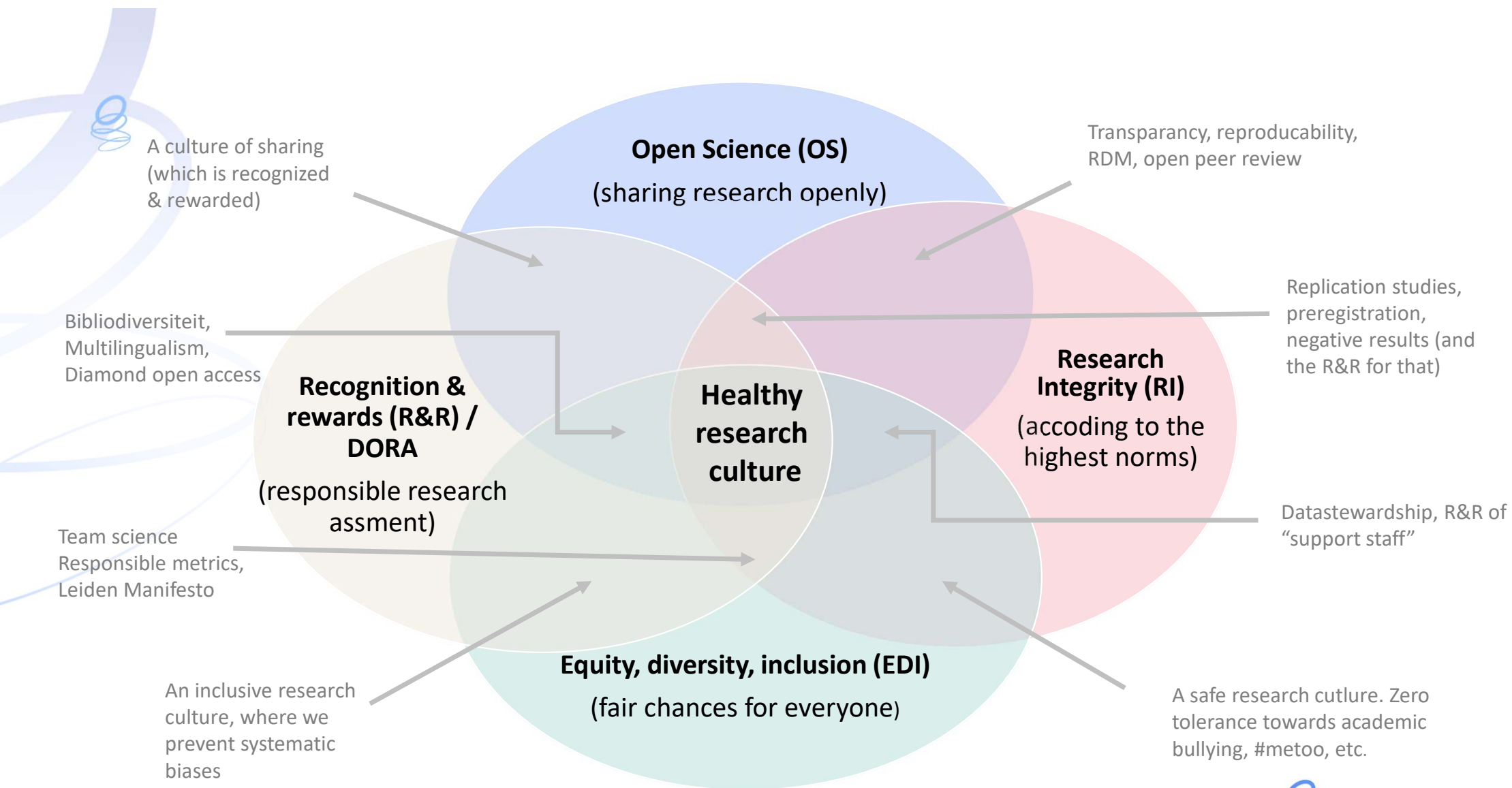
Make it easy

Make it possible

OPEN
SCIENCE
NL



Credit for the figure: Brian Nosek, Everett Rogers, Anita Eerland, Alicia Dekker





What is open science?

“Open science is a set of principles and practices that aim to make scientific research from all fields accessible to everyone for the benefits of scientists and society as a whole.

Open science is about making sure not only that scientific knowledge is accessible but also that the production of that knowledge itself is inclusive, equitable and sustainable.”

— UNESCO Recommendation on open science, 2021



REGIEORGAAN

OPEN
SCIENCE
NL

Some recent trends and developments

The US

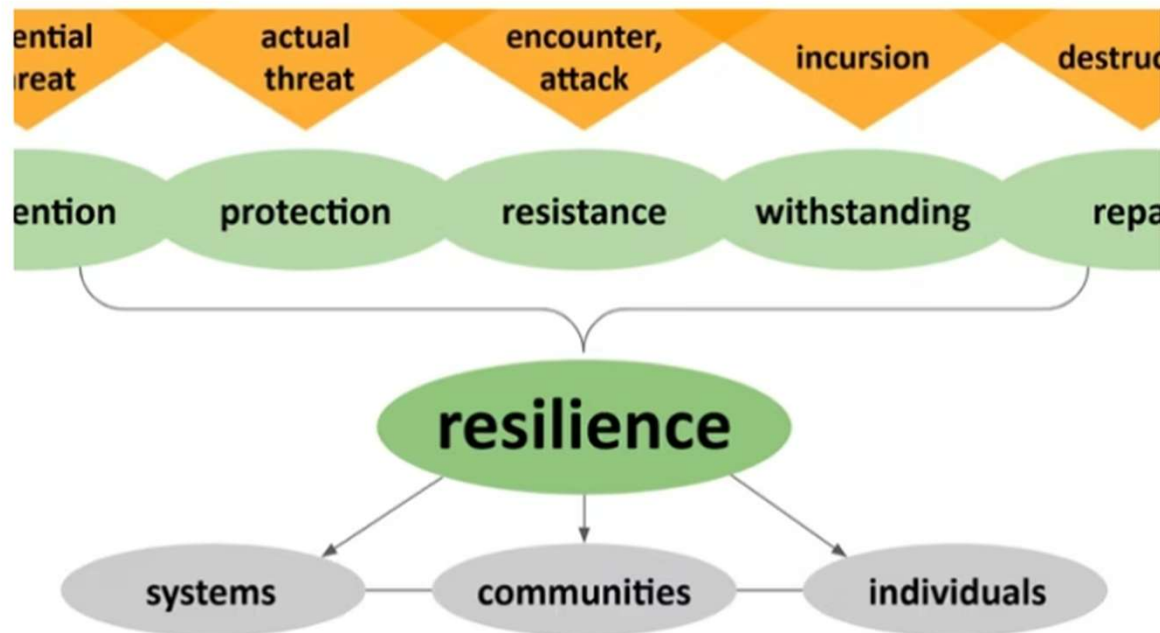
Knowledge
security

Generative AI

Equity



The resilience of open science in times of crisis



Threats

1. funding,
2. research infrastructure,
3. academic freedom,
4. safety of members of the academic community and
5. disinformation and science scepticism.



Thank you for your attention

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