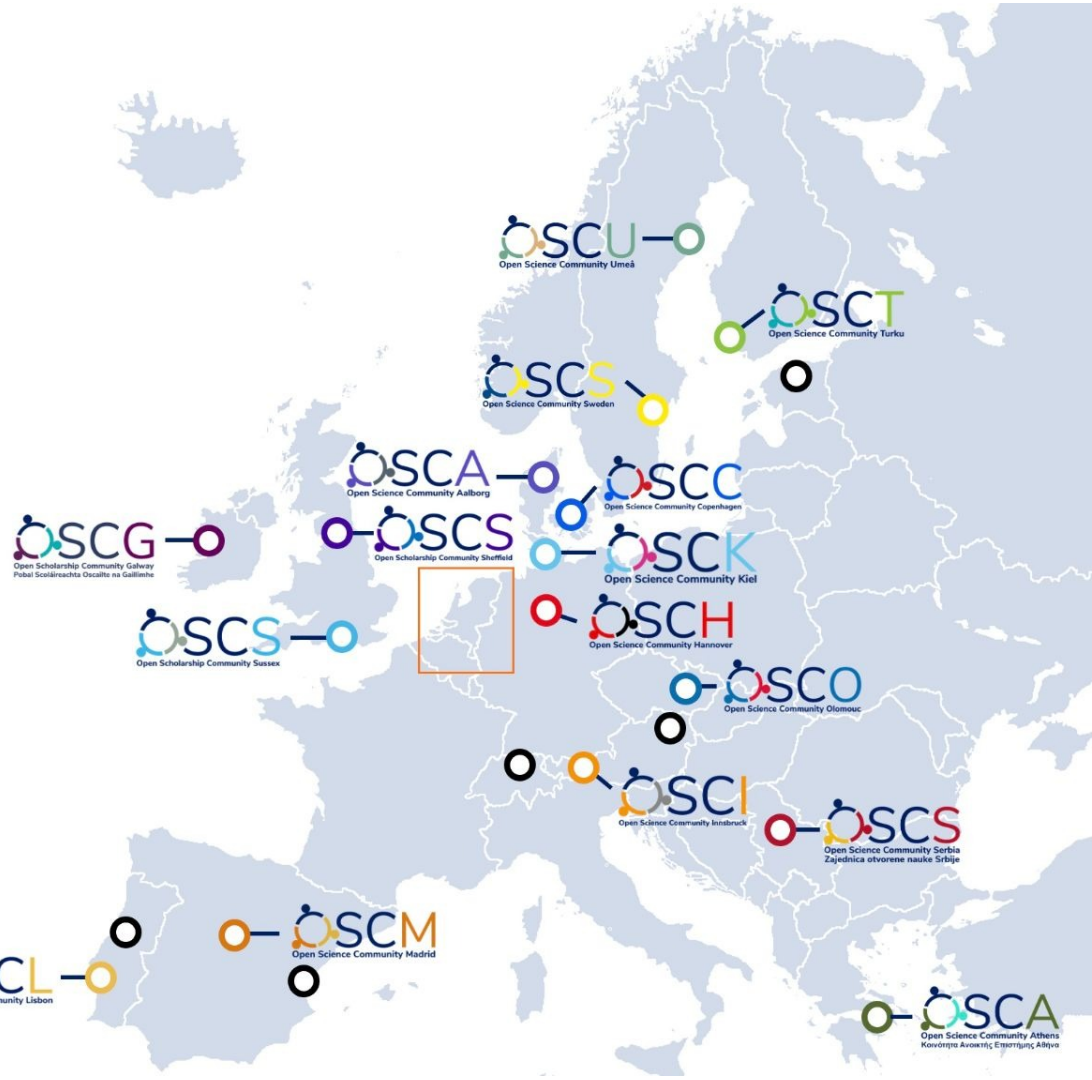
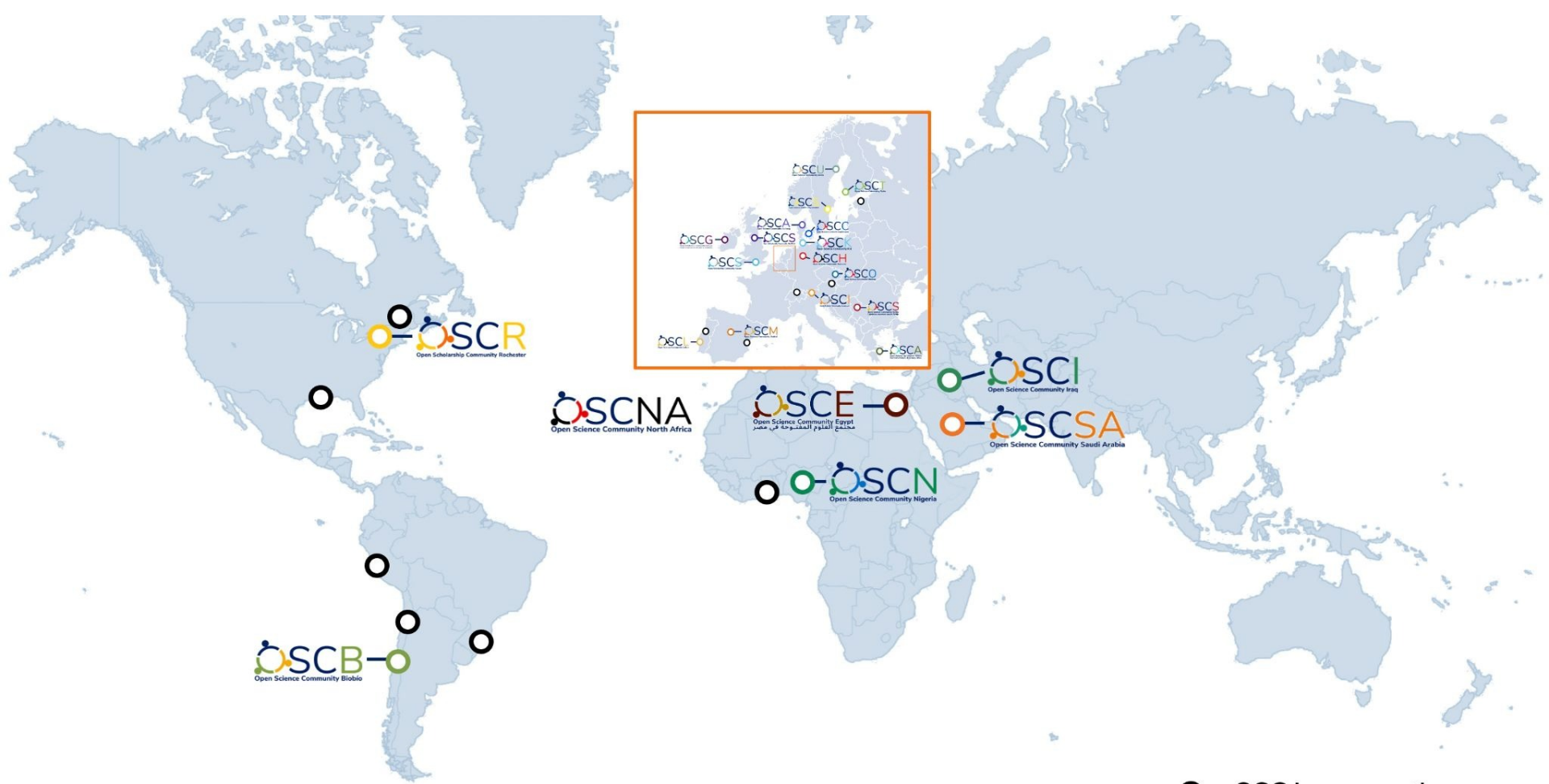




Open Science Communities: Principles & Power



○ = OSC in preparation



○ = OSC in preparation

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We need Open Science...



... or a bigger boat!

Open Science



UNESCO Recommendation on Open Science

*“...open science is defined as an inclusive construct that combines various **movements and practices** aiming to make multilingual scientific knowledge **openly available, accessible and reusable** for everyone, to increase scientific **collaborations** and sharing of information for the benefits of **science and society**, and to **open the processes** of scientific knowledge creation, evaluation and communication to societal actors beyond the traditional scientific community. It comprises **all scientific disciplines and aspects** of scholarly practices, including basic and applied sciences, natural and social sciences and the humanities, ...”*



UNESCO Recommendation
on Open Science

VALUES

Quality and integrity

Collective benefit

Equity and fairness

Diversity and
inclusiveness



OPEN
SCIENCE

PRINCIPLES

Transparency, scrutiny,
critique and reproducibility

Equality of opportunities

Responsibility, respect
and accountability

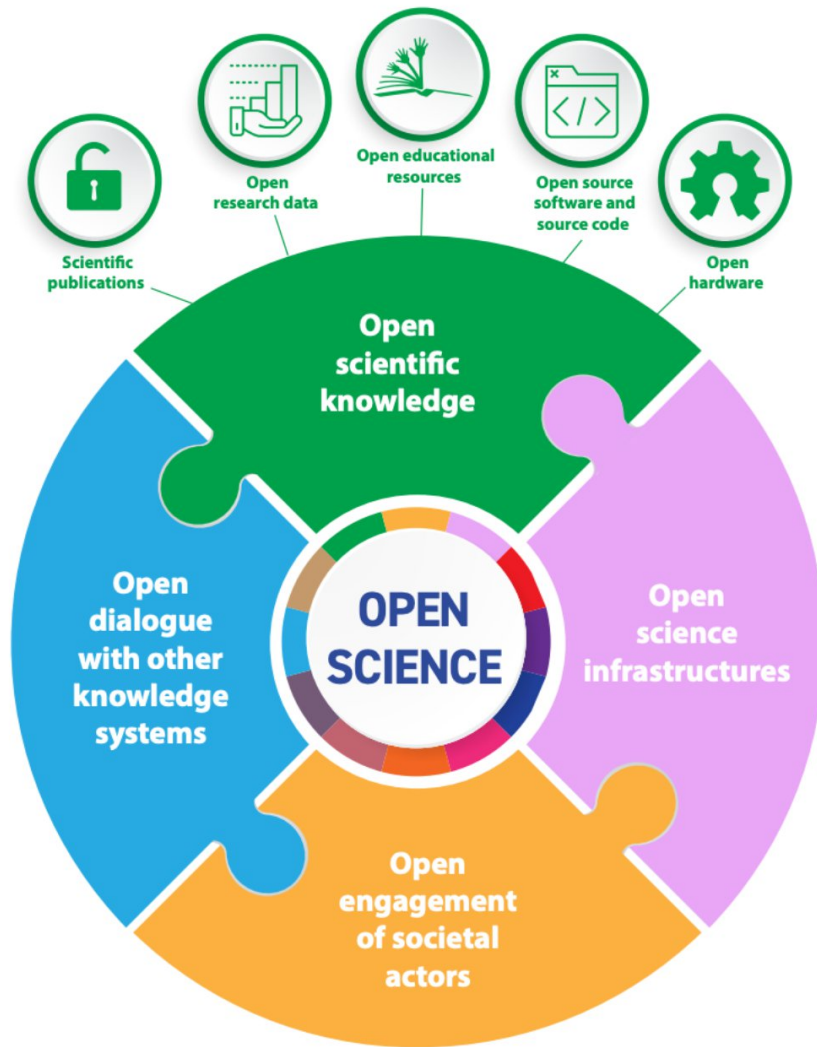
Collaboration,
participation and inclusion

Flexibility

Sustainability



UNESCO Recommendation on Open Science



Scientific publications

Open research data

Open educational resources

Open source software and source code

Open hardware

Open scientific knowledge

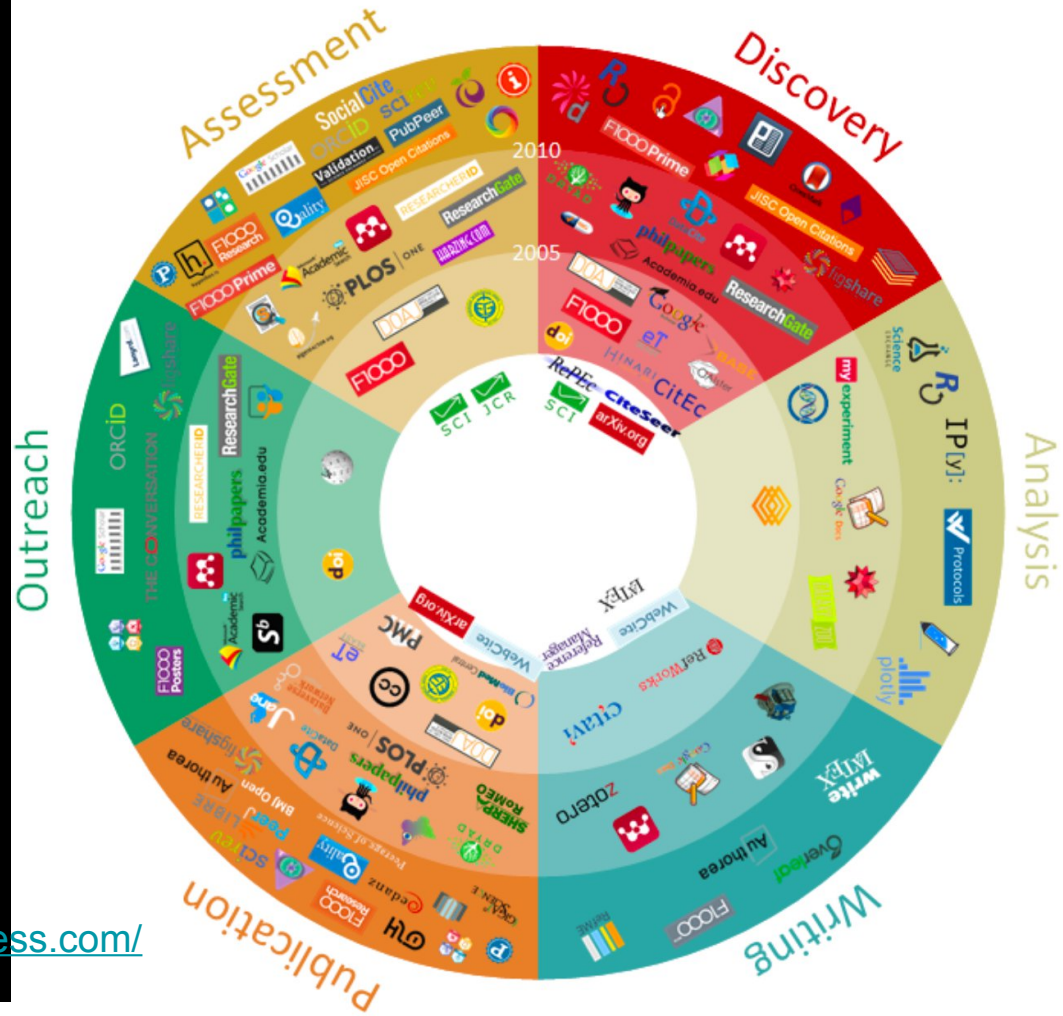
Open dialogue with other knowledge systems

OPEN SCIENCE

Open science infrastructures

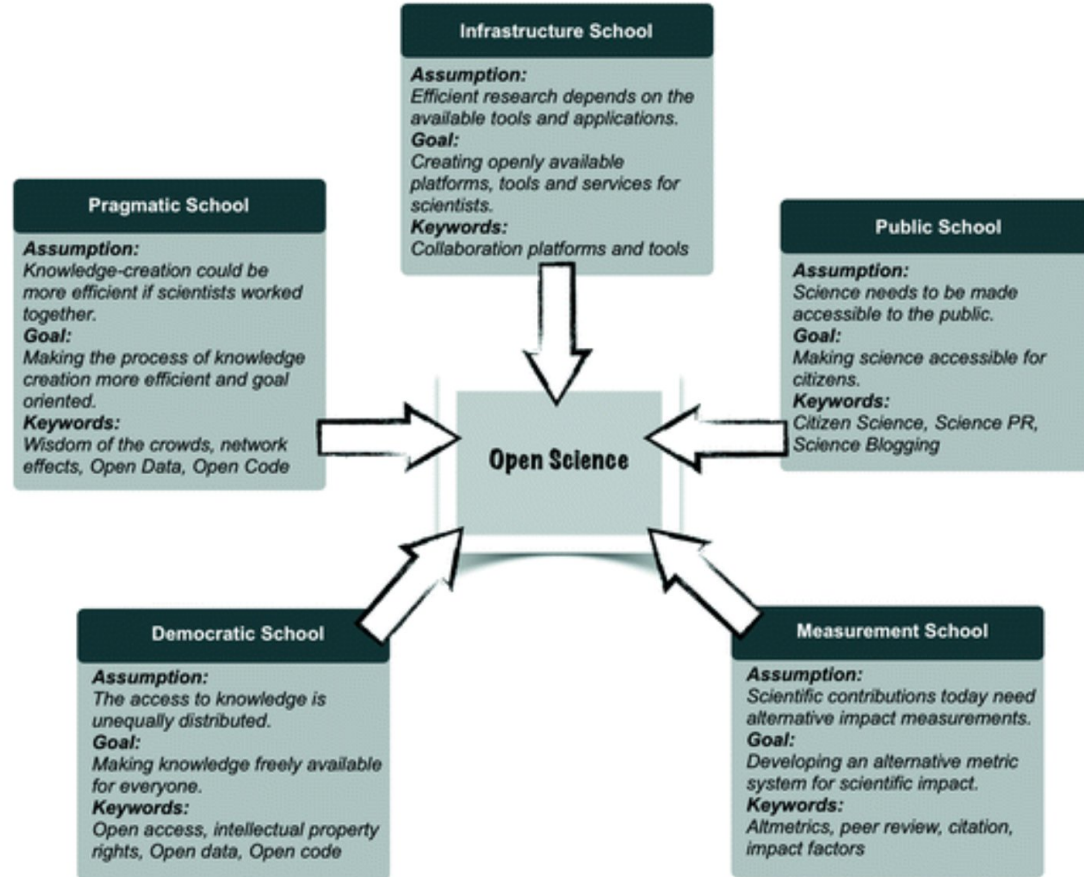
Open engagement of societal actors

Open Science



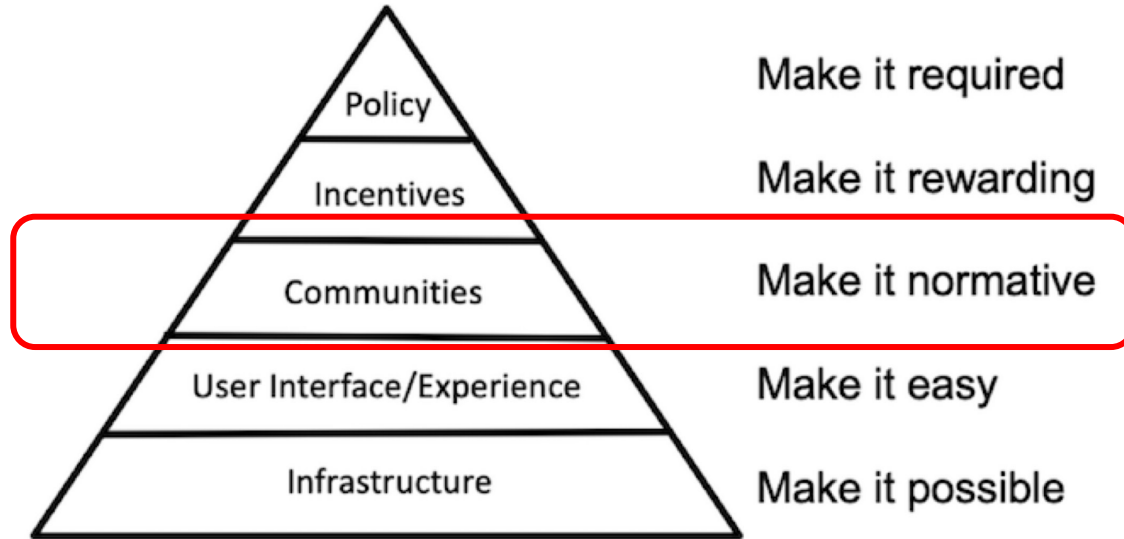
<https://101innovations.wordpress.com/>

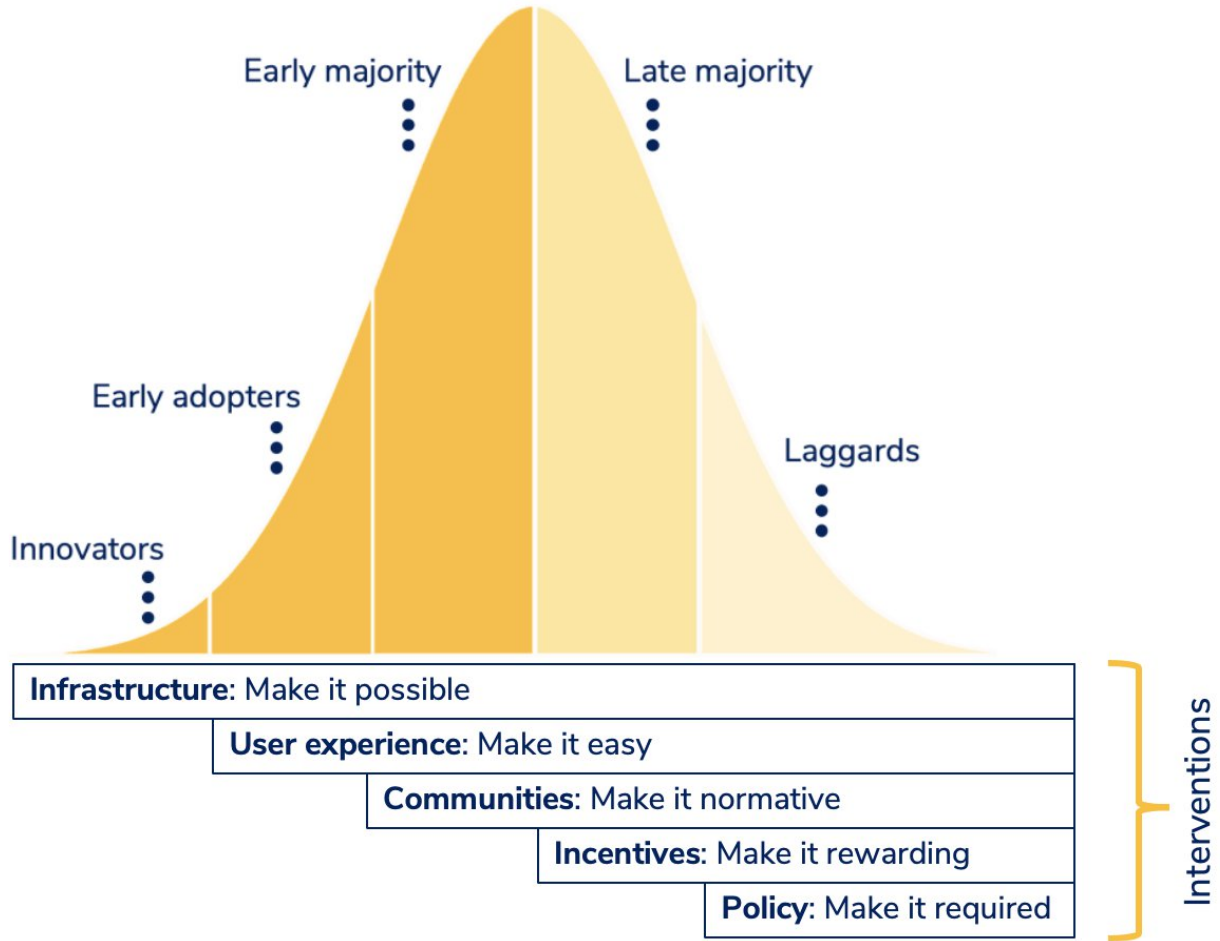
Open Science



**OPEN SCIENCE:
JUST
SCIENCE
DONE RIGHT**

Transition to Open Science

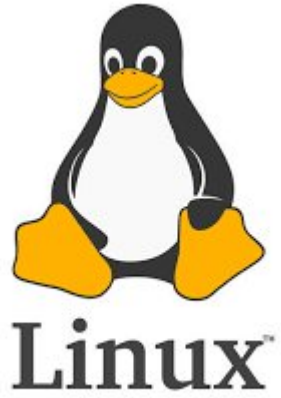




What is community?

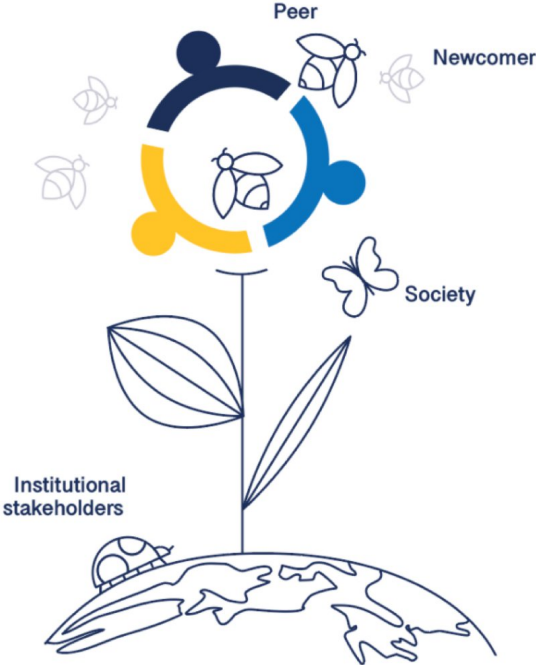
“A community is a dynamic, social grouping where members align around a **shared purpose** (or multiple overlapping purposes) and participate in a shared culture. Active community participation frequently aligns with a **sense of belonging** and affiliation to the community. In a community, the flow of information is multi-directional (i.e., not only flowing out from a source), with members able to do something as a result of **being connected** to one another that they would **not be able to do alone.**”





Open Science Community

YOUR LOCAL
OPEN SCIENCE COMMUNITY



LEGEND



NEWCOMERS LEARN FROM EXPERIENCED PEERS



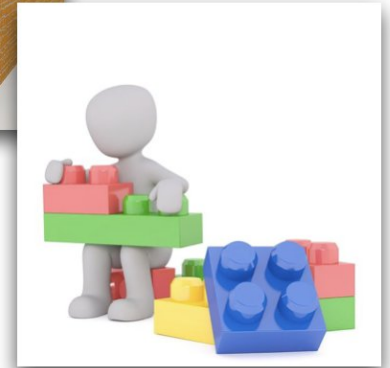
**OSCS INTERACT WITH
INSTITUTIONAL STAKEHOLDERS ON
POLICY, INFRASTRUCTURE AND SUPPORT**



**OSCS ARE PLACES WHERE ACADEMIA AND SOCIETY
MEET, INTERACT AND CO-CREATE**

Aims of an OSC

- **Reach and engage** researchers to learn about OS
- **Inspire and enable** researchers to adopt OS
- **Empower and support** researchers to shape policies, services and infrastructure





Open Science Community Amsterdam



Open Science Community Biobío
Comunidad de Ciencia Abierta BioBío



Open Science Community Ghana



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OSC NL OPEN SCIENCE BARCAMP



All photos CC BY Lara Varat

OPEN SCIENCE RETREAT THE NETHERLANDS

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NL

A large background image of a modern living room with people sitting on a sofa and floor, engaged in conversation. The room has large windows and a contemporary design.



Open Science 2030 in the Netherlands

NPOS2030 Ambition Document
and Rolling Agenda

Version 1 | December 7, 2022

DOI: 10.5281/zenodo.7433767



A boost for Open Science Communities at Dutch universities

18 December 2023

Open Science NL awards each of the 12 Open Science Communities a grant of 100,000 euros. By actively involving the academic community, they contribute significantly to the culture change needed to make open science the norm.



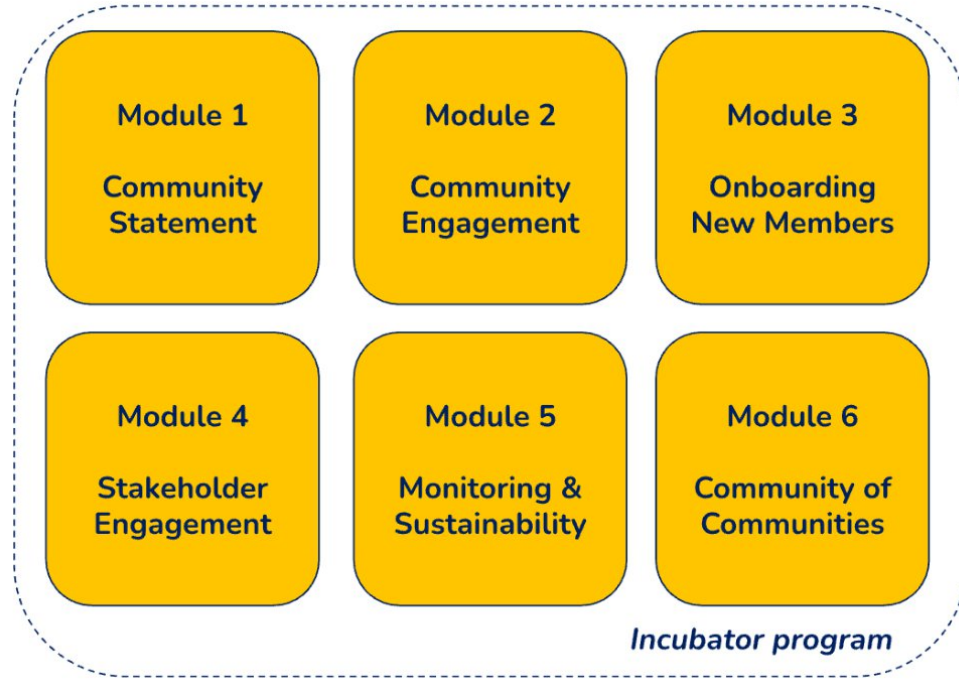
Impulse for national network organisation Open Science Communities-NL

28 May 2024

The Open Science Communities-NL (OSC-NL) network will receive a grant of 400,000 euros. This was decided by the Open Science NL steering committee on 17 May.

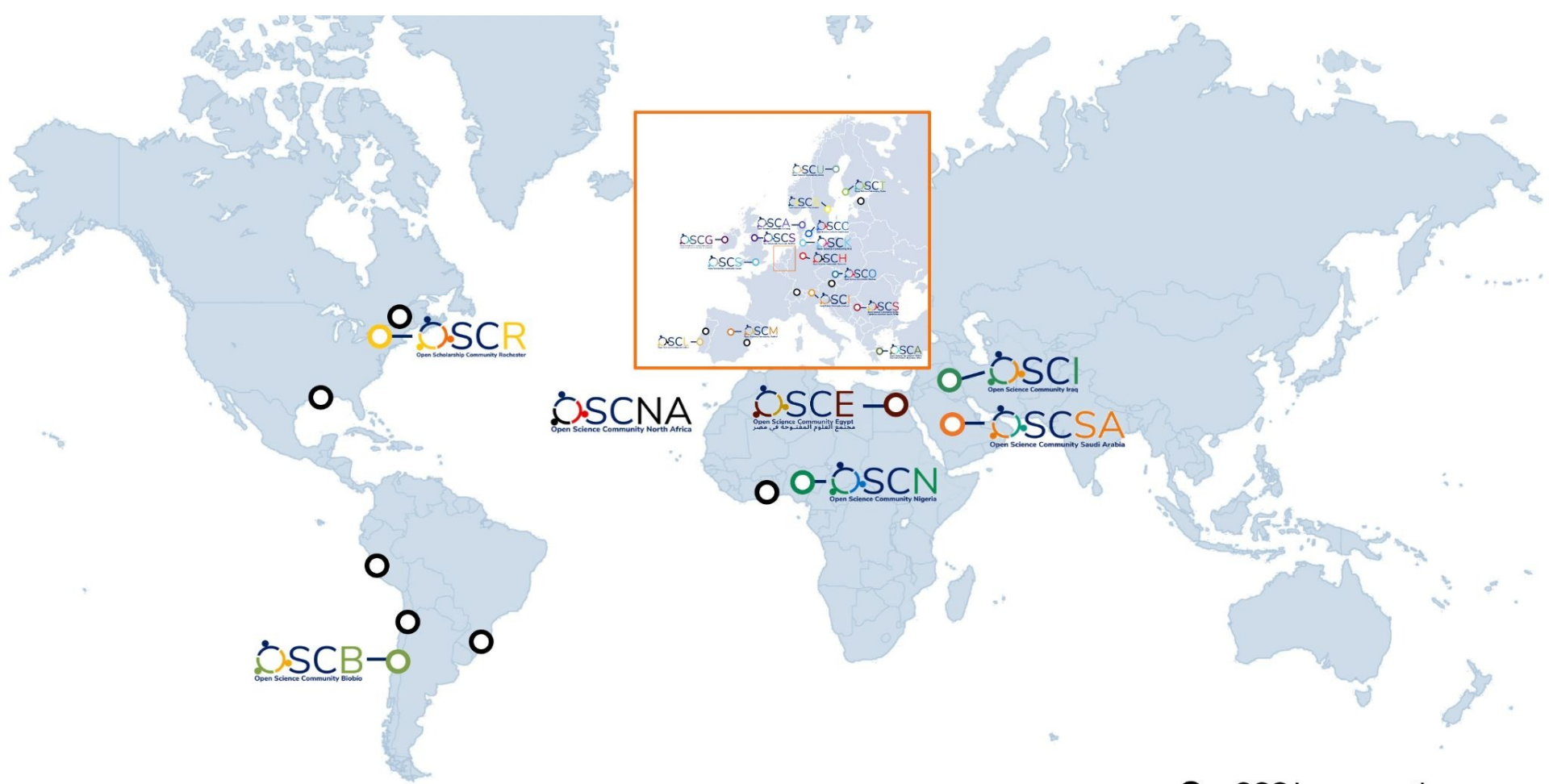


Collaboration in European funded projects





○ = OSC in preparation



○ = OSC in preparation