



FAIR-IMPACT

Expanding FAIR solutions across EOSC



Community Engagement

Why is it key for Open Science

and how to unleash it

Data Archiving and Networked Services

DANS


INOSC



Funded by
the European Union

Loek Brinkman, November 23th 2023

Expanding FAIR Solutions across Europe



**Call
HORIZON-INFRA-2021-
EOSC-01-05**
*Enabling discovery and
interoperability of federated
research objects across scientific
communities*

**Expanding FAIR
solutions in Europe**

**Partly following up on
FAIRsFAIR**



EU funded project

**Coordination and
Support Action**

10 million euro

**36 months, starting
1 June 2022**



**28 partners and
affiliate entities**

**From 10 EU
member states:
NL, FI, FR, DK, IT,
DE, ES, NO, BE,
RO**

and the UK

FAIR-IMPACT overall objective



WHAT:

to realise a FAIR EOSC by **supporting the implementation** of FAIR-enabling practices across scientific communities and research outputs at a European, national, and institutional level;

HOW:

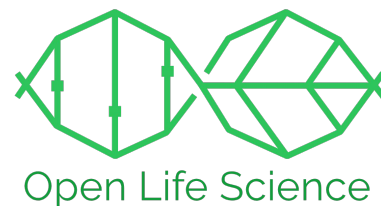
- **identifying** current and emerging components for enabling FAIR (practices, policies, tools & technical specifications);
- **translating** viable solutions, guidelines and frameworks that have been developed for one domain or research output and **supporting** their application in others;
- taking the next step in implementation by **defining** the support, governance, and coordination mechanisms required to ensure the continuous function of FAIR-enabling practices in the EOSC.

But first, a bit about you!

Please go to menti.com and enter code **5236-9540**

Aim of today

Share experiences...



... explore opportunities for YOU



Created by Creative Mahira
from the Noun Project



Created by Adrien Coquet
from the Noun Project



Created by adi ba
from the Noun Project

What is a community?

Ingredients:

- Shared goal
- Connections & Opportunities
- Sense of belonging

□ ACTION! □



Based on Chapter 1 of Jono Bacon' "The Art of Community" (freely available [here](#))

The Power of Community



Linux



The Power of Community: Food Forest Leusden

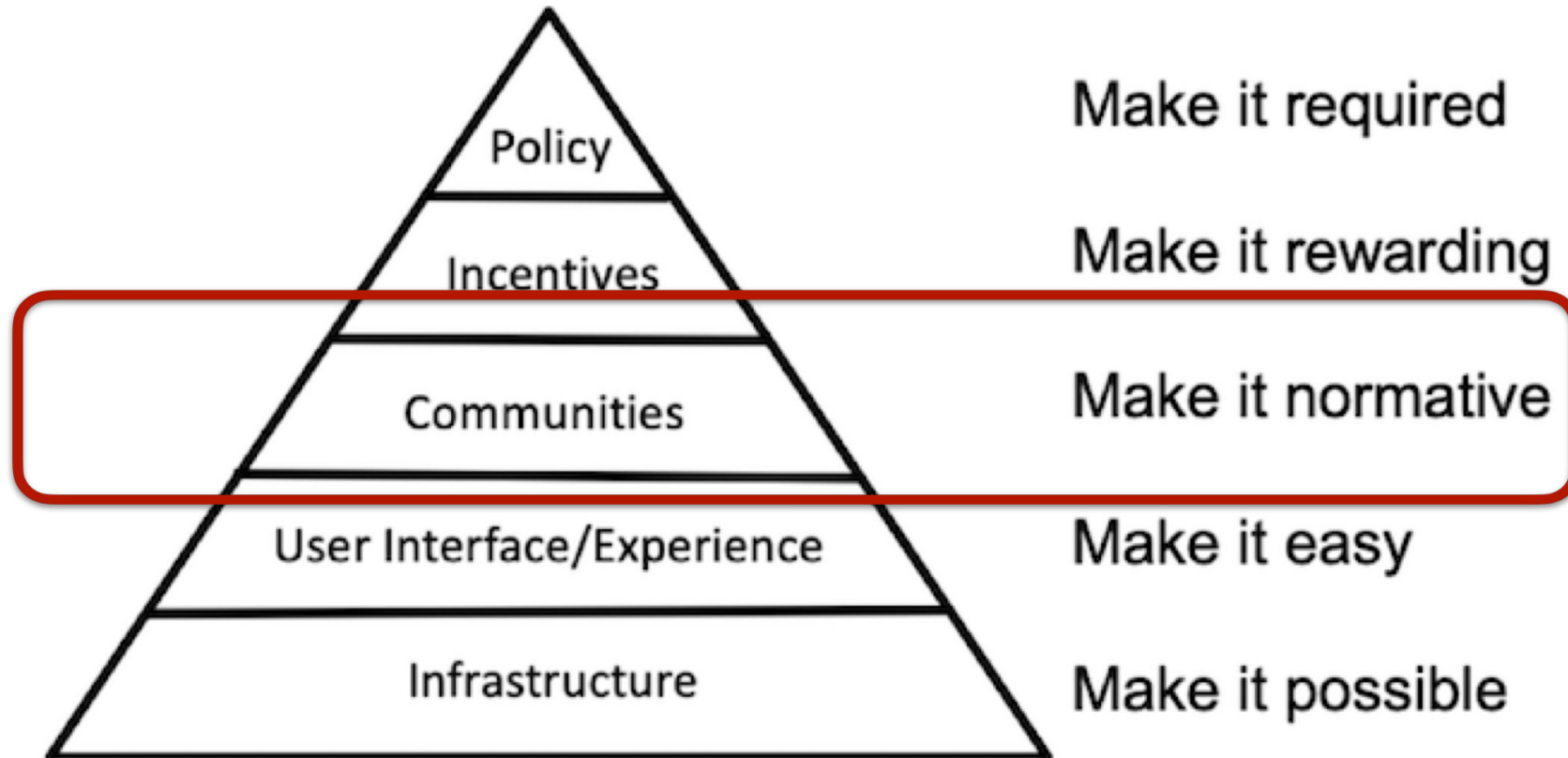


What communities are you part of?



- Goal
- Connections & Opportunities
- Sense of belonging

Open Science & FAIR data: a change of research culture



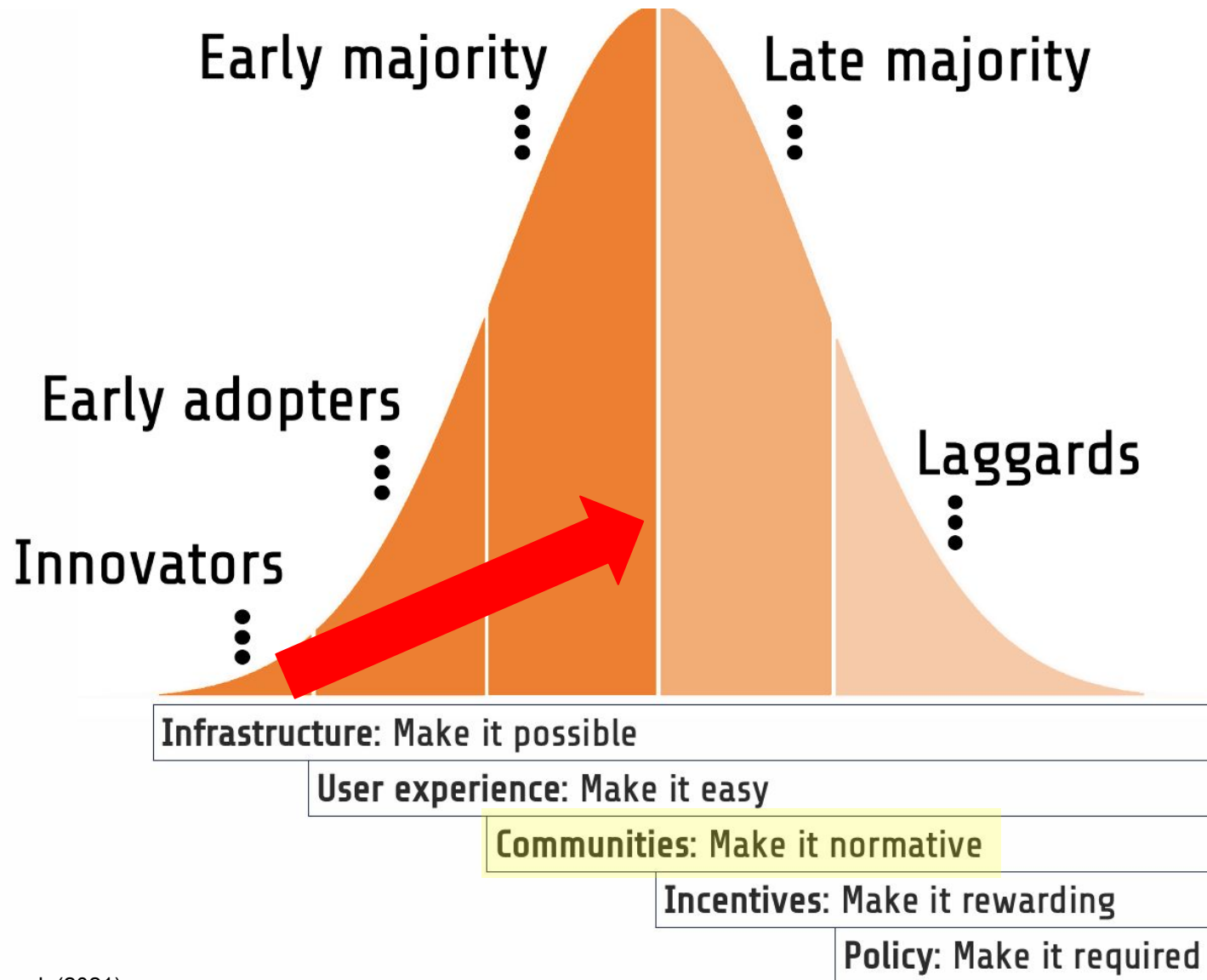


Figure by Eerland (2023), based on Nosek (2021)

INOSC

International Network of Open Science & Scholarship Communities



16 countries



32 communities



2300+ members

OSC Aarhus

OSC Athens

OSC Coimbra

OSC Copenhagen

OSC Duisburg-Essen

OSC Durham

OSC Egypt

OSC Galway

OSC Hannover



OSC NL

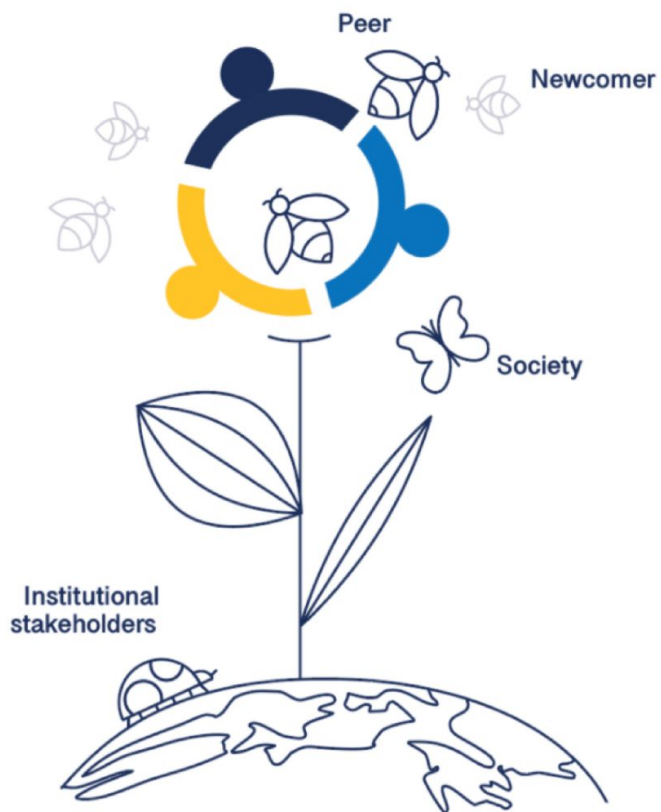
2018



Open Science Communities

For researchers, by researchers

YOUR LOCAL
OPEN SCIENCE COMMUNITY



LEGEND



NEWCOMERS LEARN FROM EXPERIENCED PEERS



OSCS INTERACT WITH
INSTITUTIONAL STAKEHOLDERS ON
POLICY, INFRASTRUCTURE AND SUPPORT

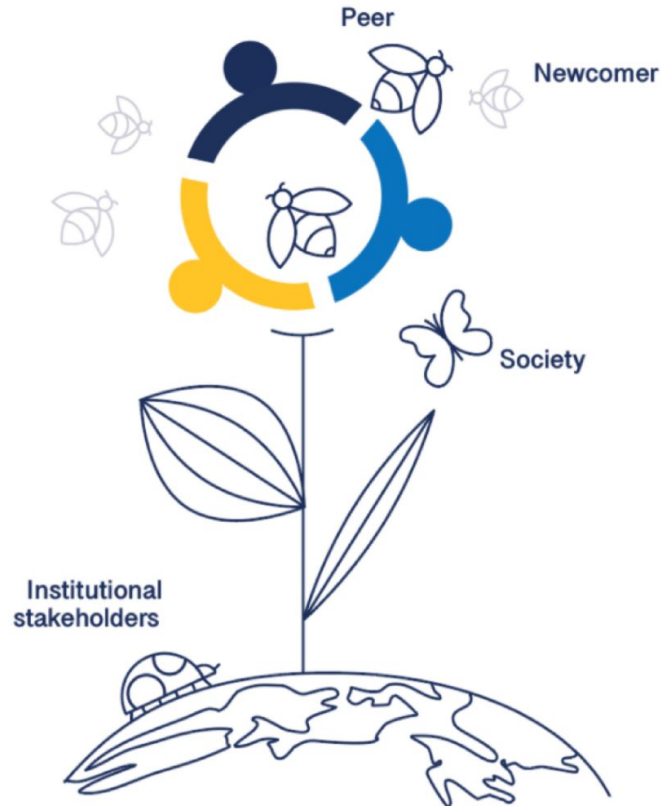


OSCS ARE PLACES WHERE ACADEMIA AND SOCIETY
MEET, INTERACT AND CO-CREATE

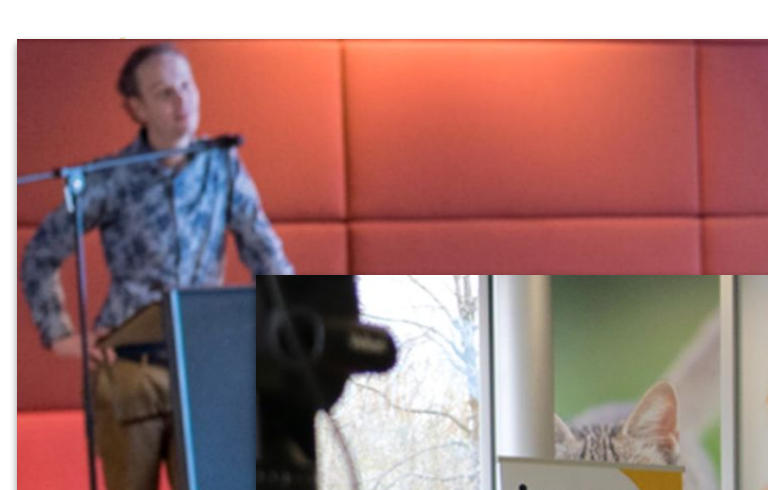
Open Science Communities

For researchers, by researchers

YOUR LOCAL
OPEN SCIENCE COMMUNITY



- Goal
 - Make Open Science the norm!
- Connections & Opportunities
 - Peer-to-peer learning
 - Input to policy, services and infra
- Sense of belonging
 - Membership, stickers, water bottles, ...



#OSF2022NL MEET | SHARE | INSPIRE |

1 SEPTEMBER 2022
VRIJE UNIVERSITEIT
AMSTERDAM

NATIONAL
**OPEN +
SCIENCE
FESTIVAL**

national programme
open science

Open Science 2030
in the Netherlands

NPOS2030 Ambition Document

Open Science Community Rotterdam
Our new YouTube video is
A workshop run by @asch

youtube.com/watch?v=w...

Tune in for more!

#OpenScience #OSF #OS

Dr. Antonia... presents:
Open Science Framework

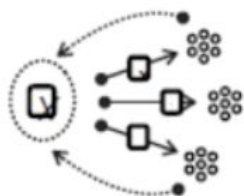
OSCR Workshop- Open Science Framework
▶ Press Subscribe to become a member on our
YouTube channel ▶ Click to open the description ...

6 9

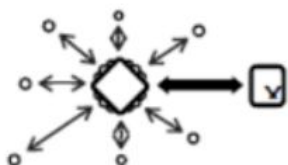


Five Community Interactions

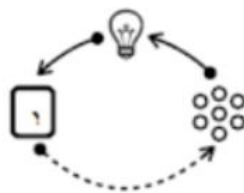
Gifting



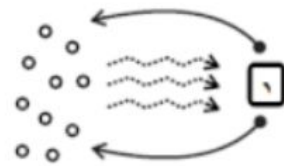
Creating Together



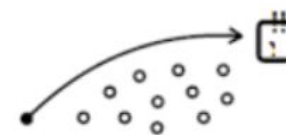
Soliciting Ideas



Learning Through Use



Networking Common Interests



[A Framework of Open Practices](#)

by Mozilla Open Innovation & the Copenhagen Institute for Interaction Design

Social Capital

- Belonging
- Interpersonal relations
- Based on trust
- Feels good!



CSCCE 

TRANSMISSIVE

TRANSACTIONAL

TRANSFORMATIONAL

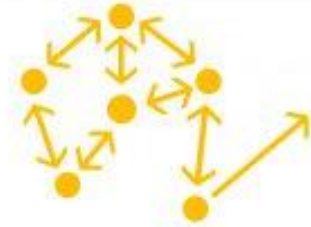
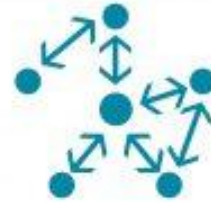
Community
Participation
Model

convey/consume

contribute

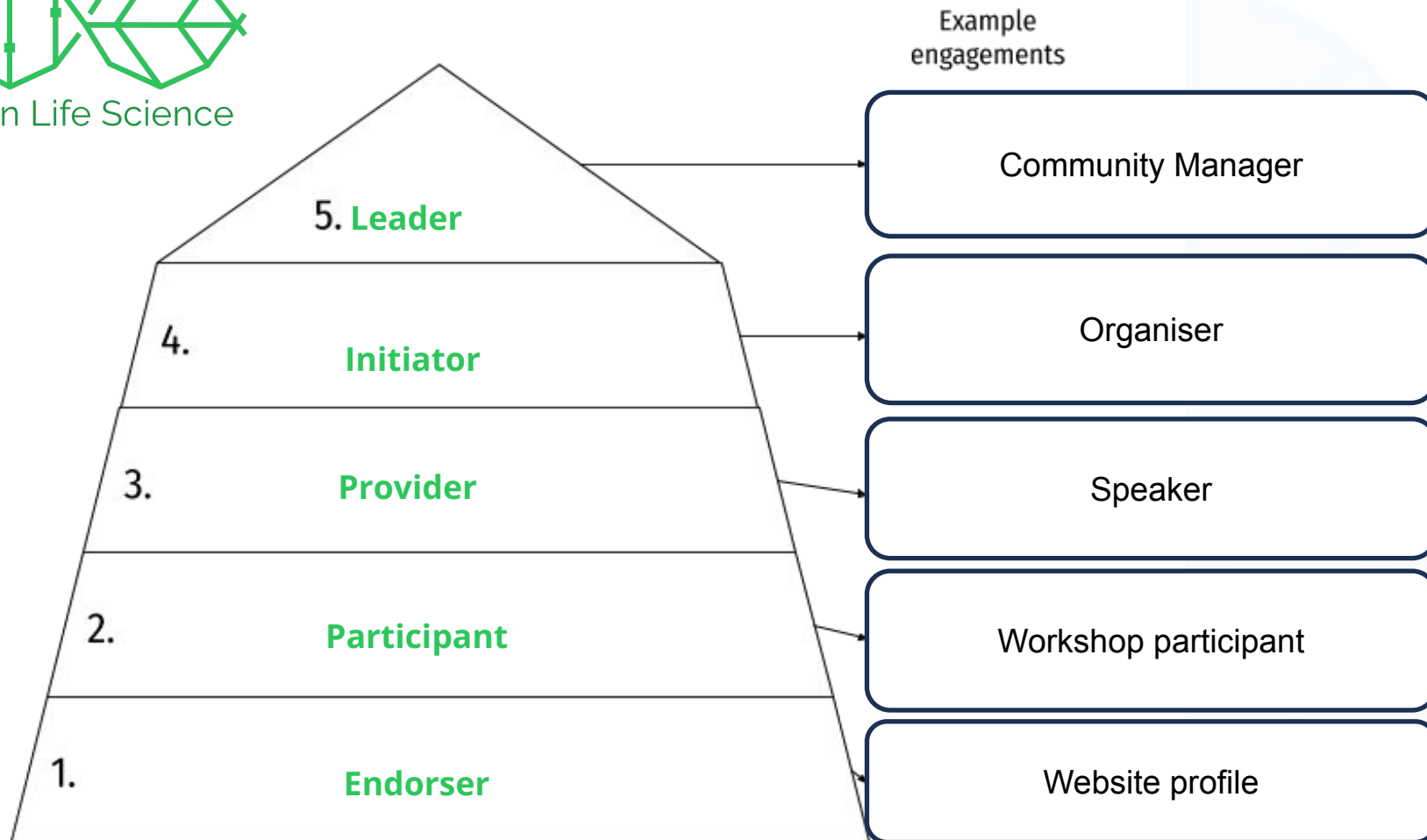
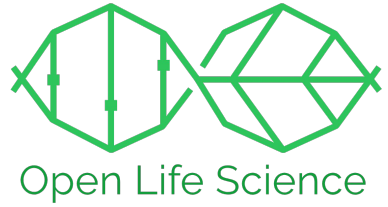
collaborate

co-create





Mountain of Engagement

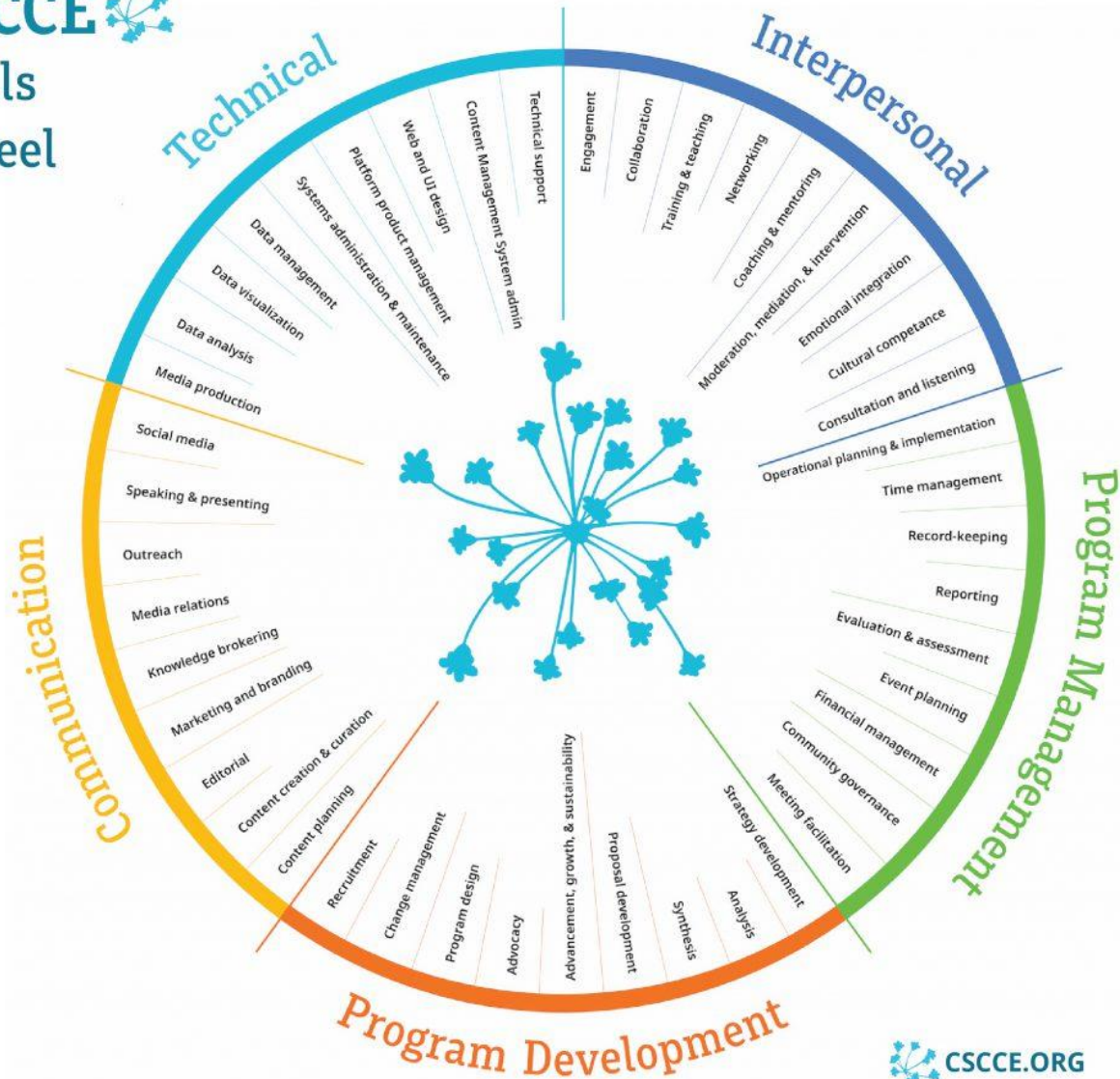


The key to succes: Community Managers

A.k.a. Invisible Leaders



CSCCE
Skills
Wheel



rolling agenda

strategic goals

2022
Launch NPOS
2030 Programme

The NPOS2030 Programme marks a new phase in the transition to Open Science in the Netherlands.



Towards societal engagement and participation (citizen science)

0.5 In 2025, all Open Science Communities (OSCs) are thriving, and form an entry point of research community engagement for NPOS actions. The scope of OSCs has extended beyond academia and includes all research performing organisations (e.g. Universities of Applied Science). There is structural financial support available to warrant the capacity for community building and community management in a sustainable manner.

Towards open scholarly communication



2024-2016: National lvl investment of EUR 1.2M for local OSCs

Open
Infrastructures

Support &
Training

**Community
Engagement**

Recognition &
Rewards

Policies &
Regulations



Close collaboration between knowledge institutions, government, industry, and citizens to strengthen science and optimise the processes of creating, sharing, and communicating knowledge for the benefit of society

Inclusive, efficient, and transparent processes of scientific (co-)creation, evaluation, quality assurance and communication

Removal of barriers to creating, reading, reusing and evaluating all Dutch scholarly output, so everyone can access scientific knowledge in a sustainable way and benefit from it

Products of and for knowledge creation, like data and software, being findable, accessible, interoperable, and reusable (FAIR), and open in as far regulations allow

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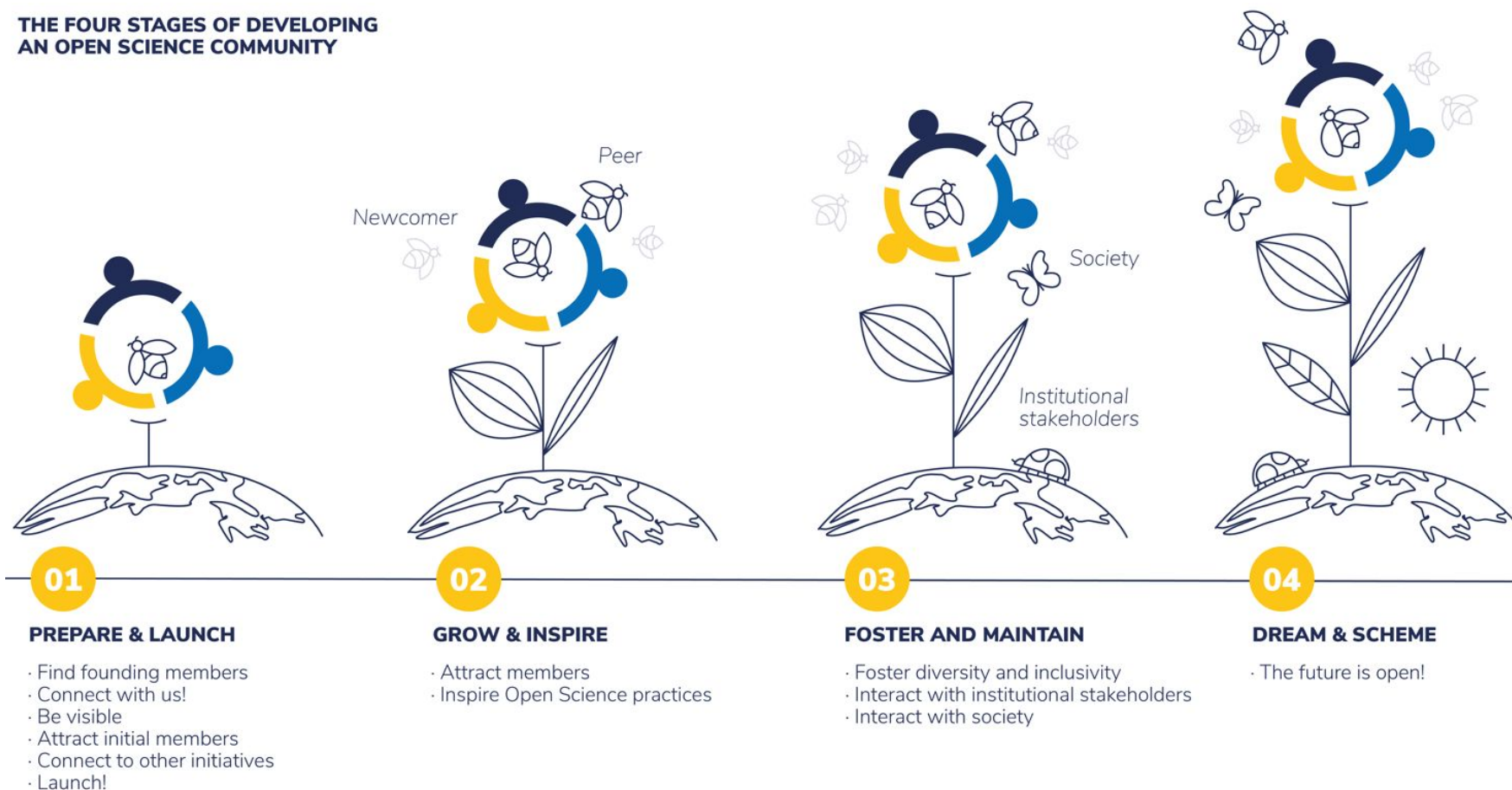
OSC Galway

OSC Hannover



OSC Starter Kit & Incubator program

THE FOUR STAGES OF DEVELOPING AN OPEN SCIENCE COMMUNITY



www.StartYourOSC.com

OSC Incubator Program

- 12-week online program
- Set-up your OSC
- For researchers and support staff
- Offered twice per year
- Up to 10 participants
 - 2nd run starts Jan '24
 - www.osc-international.com/start-your-own-osc

Skiis 4 eosc

AURORA
EUROPEAN UNIVERSITIES
ALLIANCE

Module 1:
Vision &
Mission

Module 2:
Community
Engagement

Module 3:
Member
recruitment

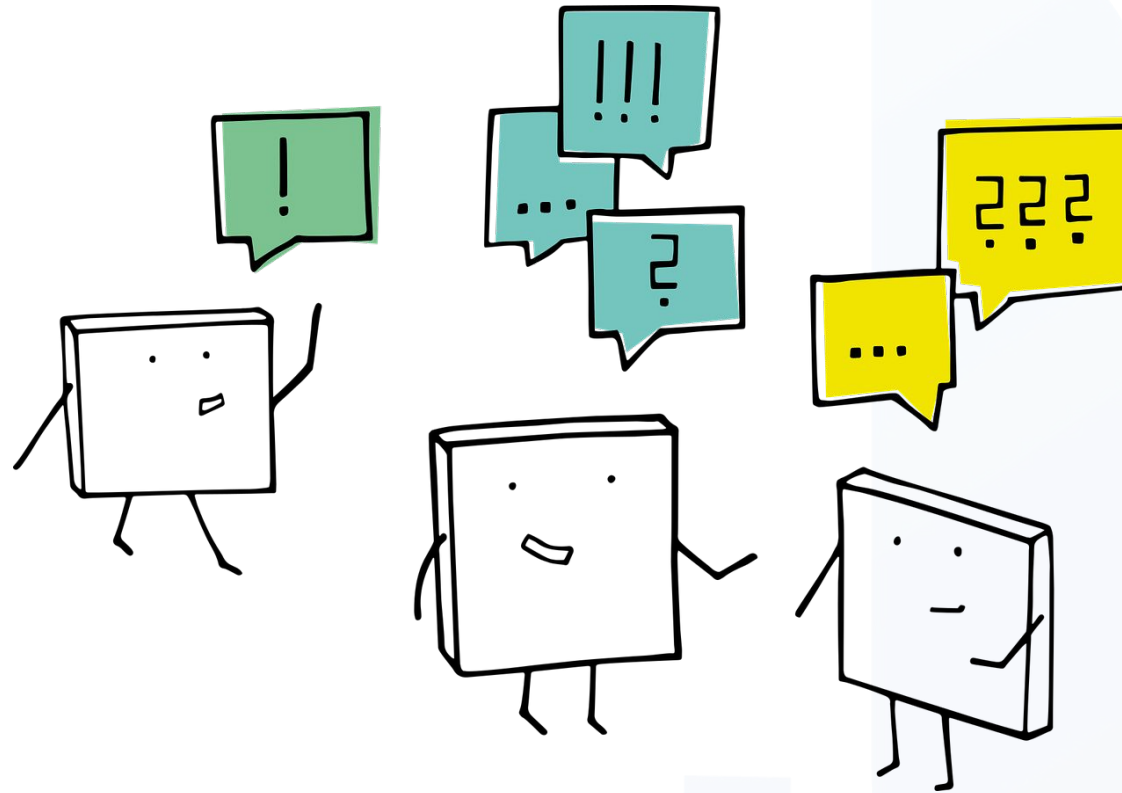
Module 4:
Stakeholder
Engagement

Module 5:
Governance &
Sustainability

Module 6:
Get ready....
Showtime!

Incubator program

Brainstorm: Opportunities for you!



Brainstorm: Community Engagement in your local context

www.tinyurl.com/ILOVECOMMUNITY (in caps)

Group 1	
Names	
Question 1: Would an Open Science Community be useful in your local context?	
Question 2: Do you want to start an Open Science Community?	
Question 3: Can you apply the principles of community engagement in other ways in your local context?	
Email addresses	

- *5 min break*
- 15 min break-out
- 10 min recap

eosc | FAIR-IMPACT
Expanding FAIR solutions across EOSC



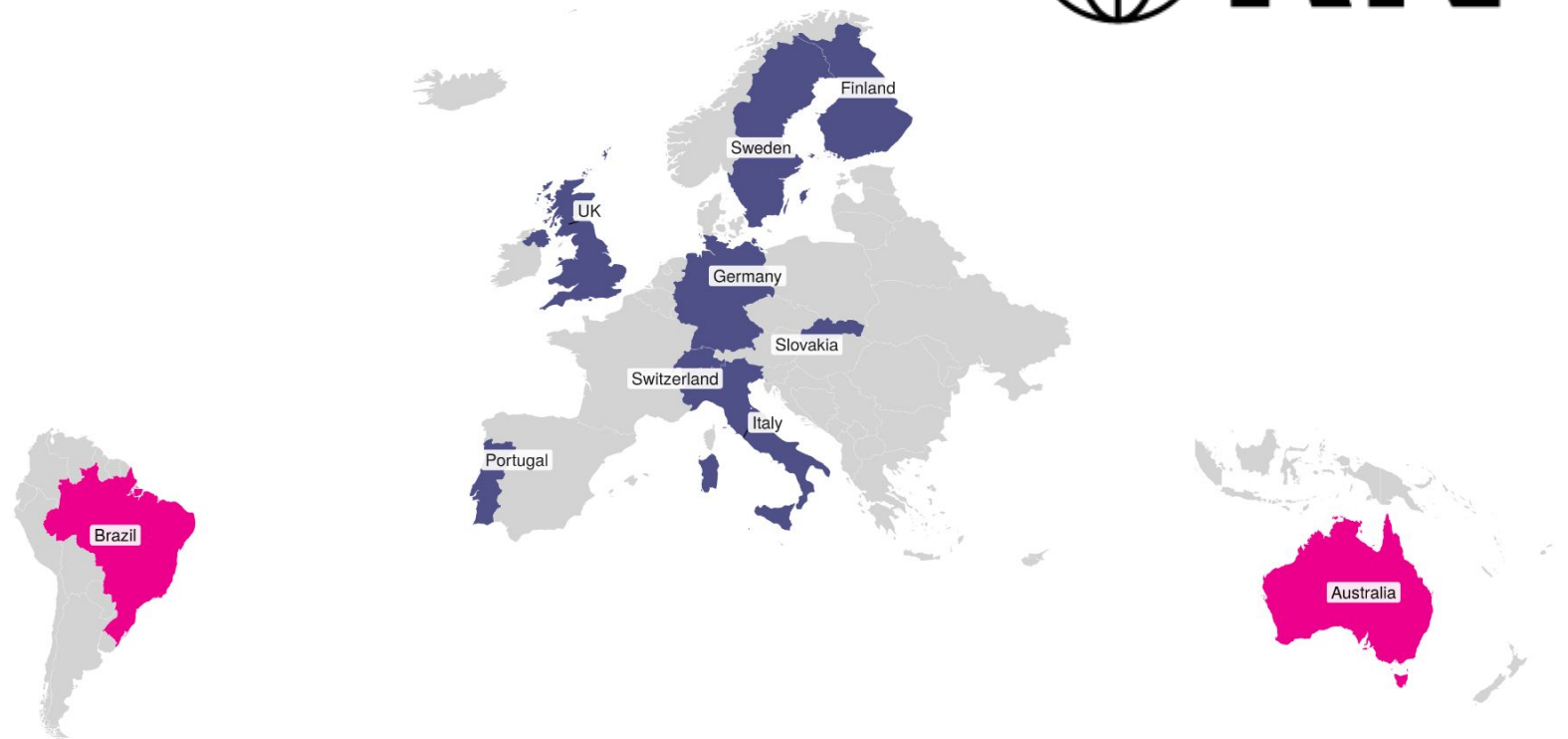
@fairimpact_eu /company/fair-impact-eu-project



Funded by
the European Union

Open Science Communities & Reproducibility Networks

- Foster reproducible and transparent research
- Stakeholder groups:
 - Institutional Members
 - External Stakeholders
 - Local Network Leads



Out now!



**OSC-NL and NLRN team up to collaborate on
Open and Reproducible Science in the Netherlands**

By OSC-NL and NLRN

Members

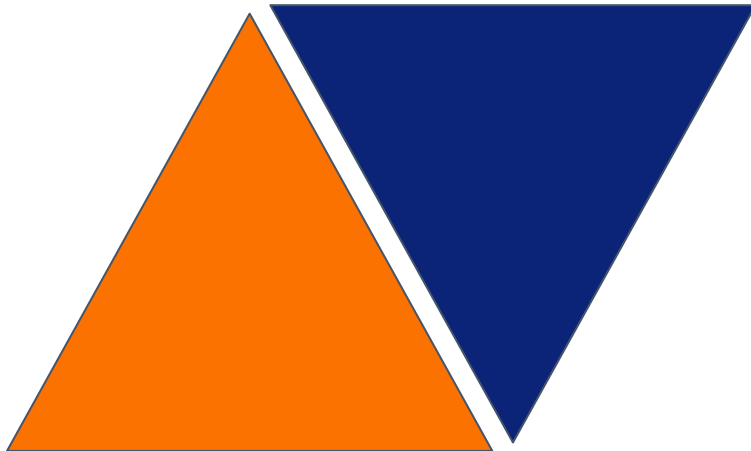
- Researchers and scholars
- Research supporters
- Students

- Institutes
- Other stakeholders (funders, publishers)
- Local initiatives

Focus

- Raising awareness
- Outreach & onboarding
- Peer-to-peer
- Shifting norms and culture
- Input to policy, infrastructure and services
- All aspects of OS

- Stakeholder alignment
- Agenda setting
- Training & support
- Reproducibility and meta-science



- Overlapping goals, different roles
- Combine bottom-up engagement with stakeholder alignment
- Joint activities on reproducibility
- Collaborate on Working Groups that promote reproducibility

