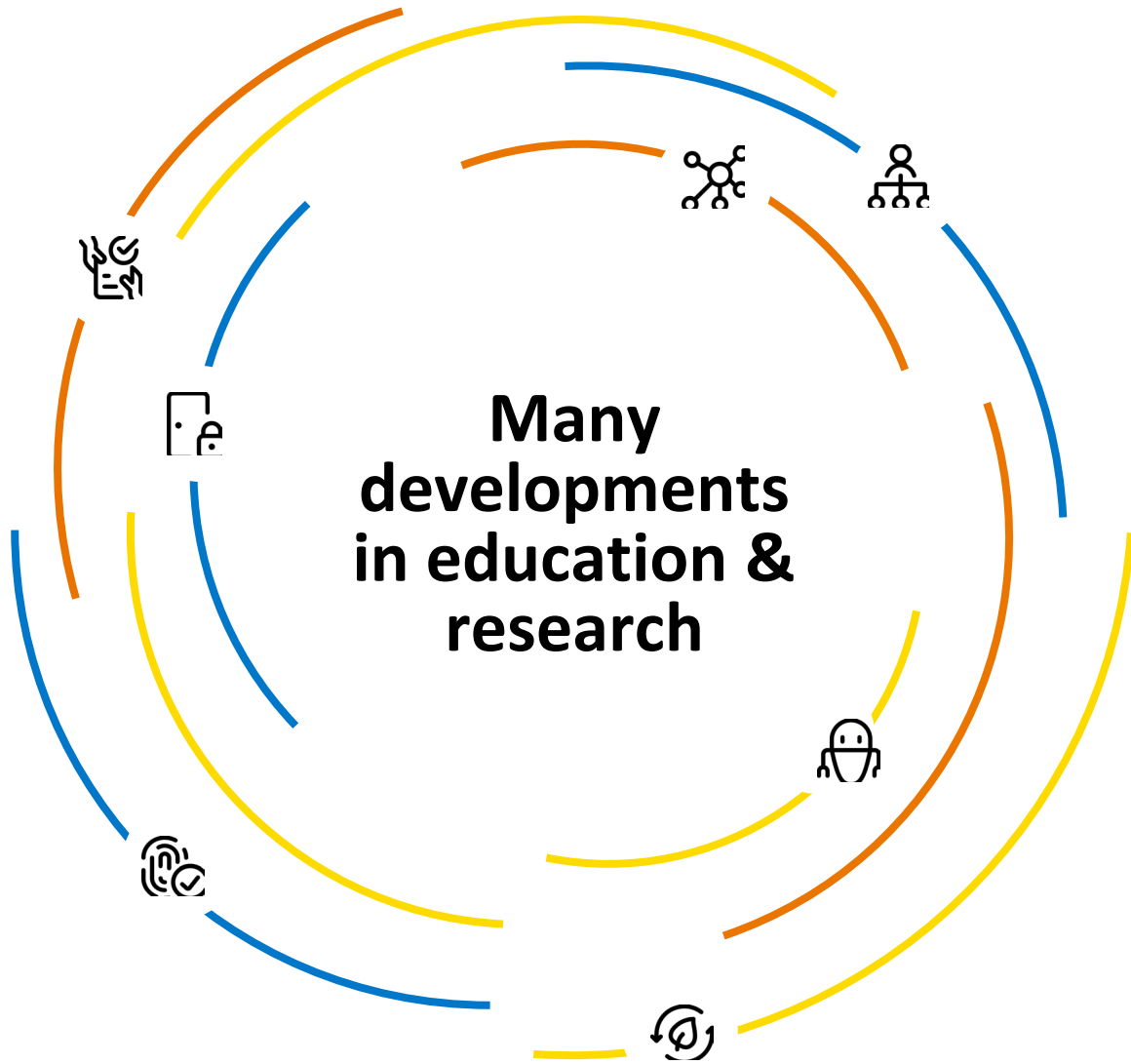


SURF





that bring
challenges to our
sector

Organization

Within SURF, **research universities, colleges, universities of applied science, research institutes, and university medical centers** work together to purchase or develop the best possible digital services and to stimulate knowledge sharing by constantly innovating

Type of institution

SURF is a **cooperative association** of Dutch educational and research institutions in which the members combine their strengths. The members are the owners of SURF.

Governance

SURF members are represented on the **members' council**, the highest body within the cooperative. The members' council appoints the **board of directors**, which, among other things, establishes SURF's policy and strategy. In addition, the **Supervisory Board and the Scientific Technical Council (WTR)** are part of the organizational structure. The members of the WTR are also appointed by the members' council.

Funding

SURF receives its funding in different ways. Firstly SURF receives **fees for the services SURF delivers** and an annual membership fee. Secondly SURF receives funding through the **Dutch National Research Council (NWO**, funded by OCW), thirdly SURF receives project funding from several sources (**National calls, European calls**).

Portfolio of services

SURF offers a wide range of IT solutions for education and research Ranging from **services for network, data storage and data compute to content procurement and security and content services.**

https://www.surf.nl/files/2024-02/surf-services-and-rates-2024_version-feb-2024.pdf

Services in the Basic Fee Infrastructure

- ▶ **Storage & Data Management**
[SURFfilesender](#)
- ▶ **Publishing**
[CopyrightCheck](#)
- ▶ **Educational Logistics**
[edubadges](#)
[SURFeduhub](#)
- ▶ **Identity & Access Management**
[SURFconext](#)
[SURF Research Access Management](#)
[edulD](#)
- ▶ **Security**
[SURFaudit](#)
[SURFcert](#)
[Cyber Crisis Exercise OZON](#)
[Cybersave Yourself](#)
- ▶ **Network Connectivity**
[Internet](#)
[eduroam](#)
[iotroam](#)

Services in the Basic Fee Procurement and Digital Platforms

- ▶ **Procurement & Contracting**
[Content Procurement](#)
[IT Procurement](#)
[SURF Vendor Compliance](#)
[Hardware and Software Distribution](#)
- ▶ **Publishing**
[Auteursrechten.nl](#)

Additional Services

- [SURF Consultancy](#)
- ▶ **Procurement & Contracting**
[Credit via SURFspot](#)
- ▶ **Compute**
[National Supercomputer Snellius](#)
[Jupyter for Education](#)
[Data Processing](#)
[SURF Research Cloud](#)
[SURFcumulus](#)
[HPC Cloud](#)
[Cloud Research Consultancy](#)
- ▶ **Storage & Data Management**
[Research Drive](#)
[SURFdrive](#)
[Object Store](#)
[Data Archive](#)
[Yoda Hosting](#)
[RDM Storage Scale-out](#)
[iRODS Hosting](#)

- ▶ **Publishing**
[SURFsharekit](#)
[edusources](#)
[Publinova](#)
[HBO Kennisbank](#)
[SURF Data Repository](#)
[Persistent Identifiers](#)
- ▶ **Educational Logistics**
[Kies Op Maat](#)
[edubadges](#)
[SURFeduhub](#)
- ▶ **Identity & Access Management**
[SURF Research Access Management](#)
[SURFsecureID](#)
- ▶ **Security**
[SURFemailfilter](#)
[eduVPN](#)
[SURFcertificaten](#)
[SURFsoc](#)
- ▶ **Network Connectivity**
[Basic Internet Service Upgrade](#)
[Connecting Third Parties to the SURF Network](#)
[EVPN](#)
[Connecting Other Locations](#)
[SURFwireless](#)
[SURFfirewall](#)
[NetherLight](#)
[SURFdomeinen](#)
[SURFopzichter](#)

This brochure lists the rates for the services provided by SURF. These are the **rates that members pay** for SURF services. Non-members pay different rates in some cases. These rates are on request.

The brochure is divided up as follows:

- services covered by the basic fee Infrastructure
- services covered by the basic fee Procurement and Digital Platforms
- additional services, for which you pay a separate rate

SURF provides most research services not only on a fee basis, but also according to NWO conditions directly to researchers at knowledge institutions.

Meetings

In addition to the services in this brochure, SURF offers many meetings on current IT topics for staff in education and research. Participation in these meetings is usually free of charge.

For some meetings and training courses, we charge a separate fee.

www.surf.nl/en/agenda-overview

More Information

Do you have any questions about our services or would you like more information? Then contact your relationship manager at SURF or go to

www.surf.nl/en/services.

*All rates are **exclusive of VAT** and subject to change and typing errors.*

Index



INTERNET
HALL of FAME

2019 Inductee

Klaas Wierenga



2021-2023 Advisory Board Member

Klaas Wierenga invented eduroam, which provides free, secure, international wi-fi roaming service to academic and research communities when they travel to participating institutions all over the world.

Available in over 100 countries on every continent, eduroam has helped increase collaborative initiatives among universities and schools.

Wierenga started eduroam in 2002 while at SURFnet, the Netherlands' National Research and Education Network (NREN), where he also built the first generation of [federated identity systems](#).

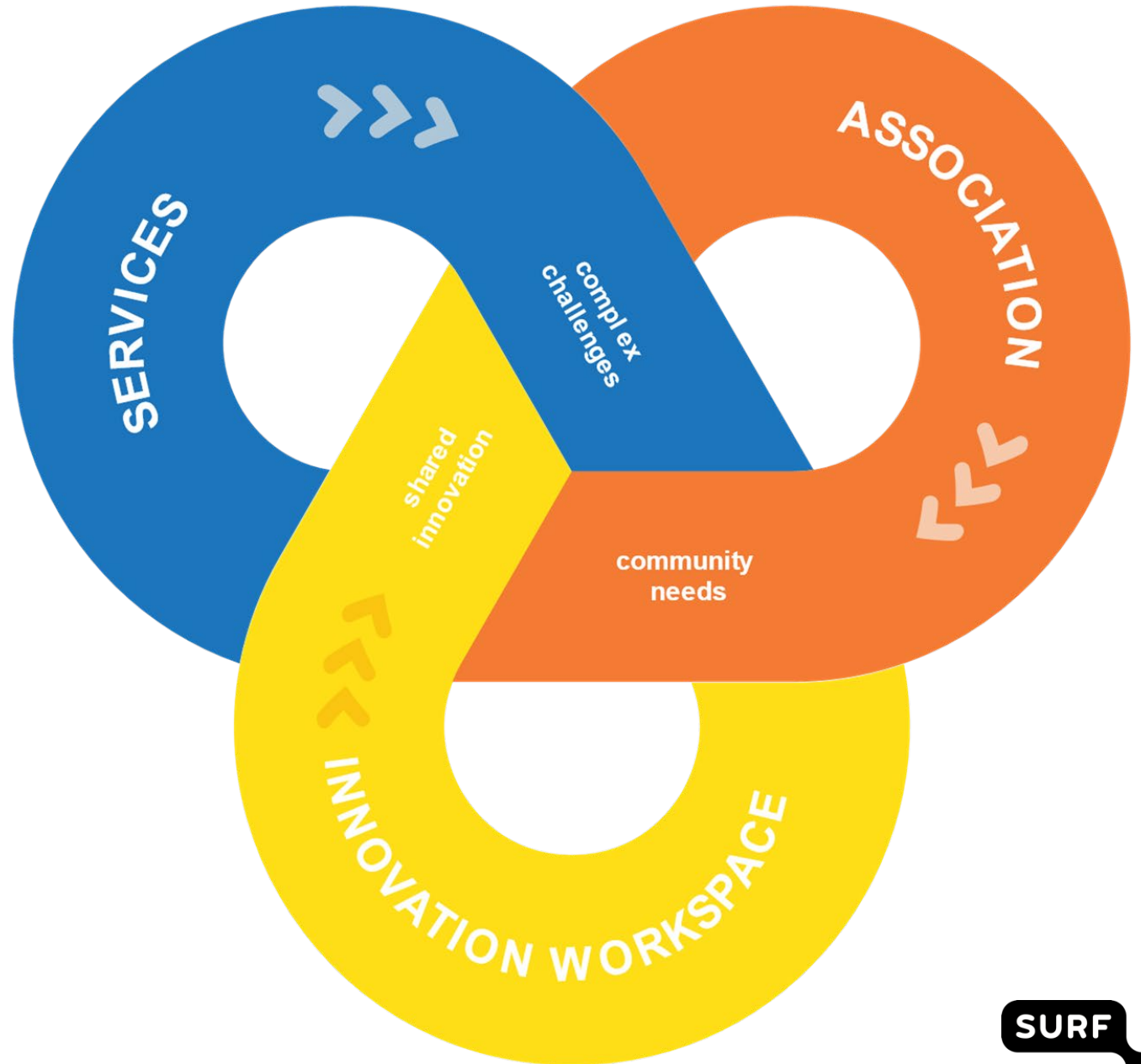
Following a successful pilot, eduroam was adopted by GÉANT, the pan-European research and education network, as an international roaming service for academics and researchers.



Interaction with members

- SURF as an **association** in which members work together across the boundaries to develop, combine and share knowledge about the optimal use of IT
- SURF as a **service provider** of reliable, state-of-the-art solutions in consultation with the members
- SURF an **innovation workspace**, where we create an environment **in which members can collaborate on complex innovation issues**

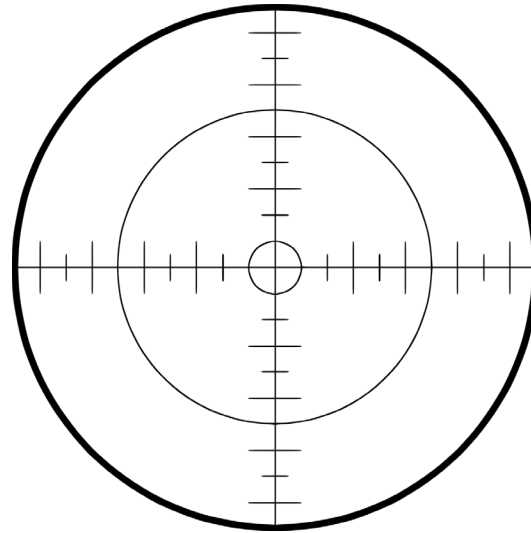
Interaction with members



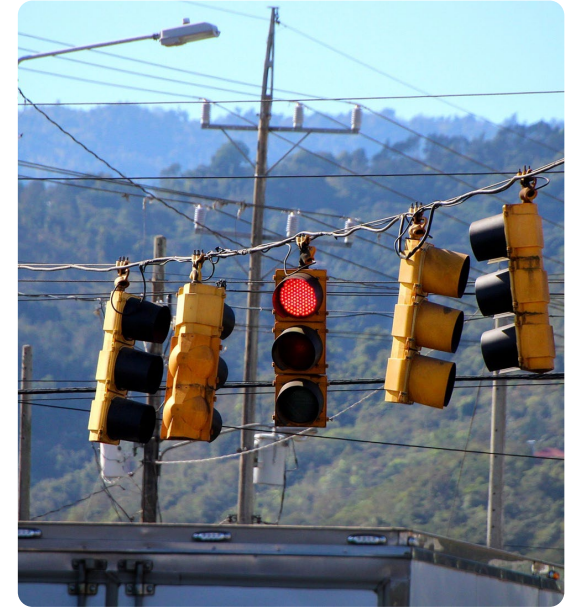
Core team innovation



FUTURING



TECHNICAL
EXPLORATIONS



PROCESS INNOVATIONS

*which often lead to
changing practices*

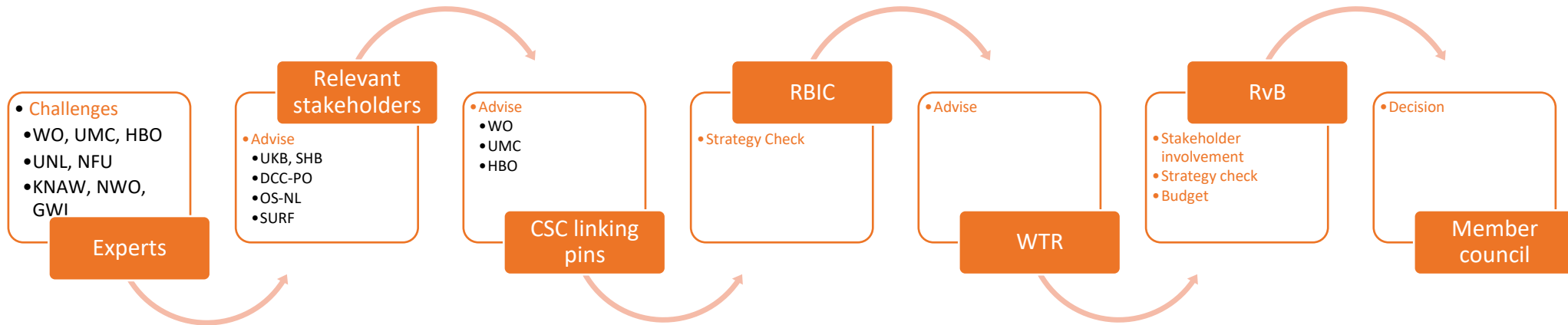
Innovation zones

- Innovation zones are **clustered according to themes**.
- The innovation zones are **intended to solve complex problems**.
- The basic principle is that **complex problems are tackled through an ecosystem approach**.

Innovation Zones

- (Cyber)security
- Flexible education
- Digital educational resources
- Use study data responsibly
- Online & Assessment
- Data
- Infrastructures
- Skills & capacity
- Open science

Consultation and decision making process



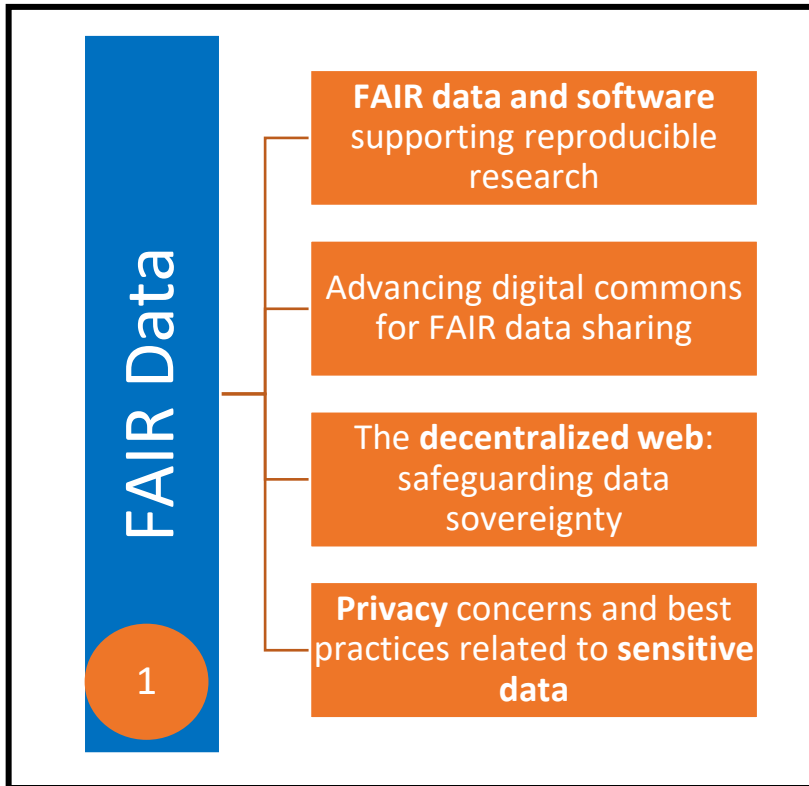
Innovation Zone Enabling Open Science: Three roadmaps.

Role SURF:

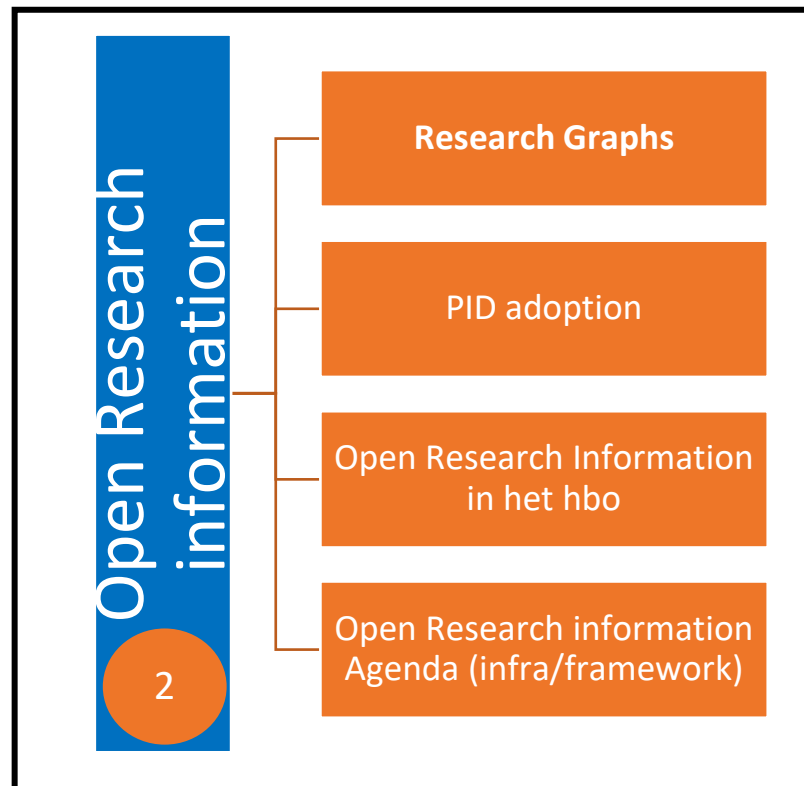
- explorative
- future oriented

- coordinating
- continuing existing activities
- bundling

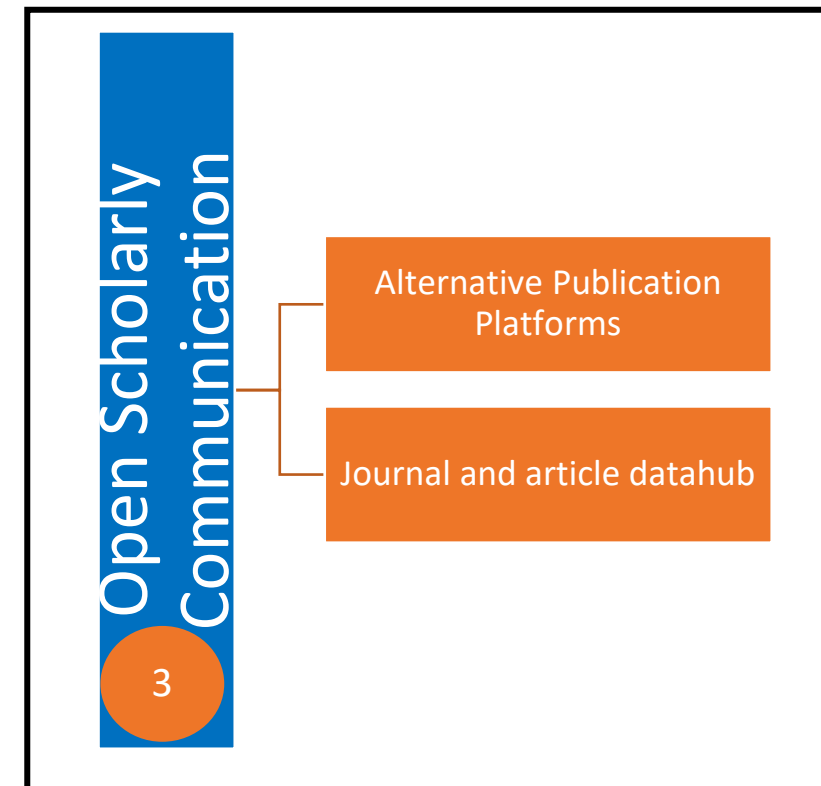
- explorative
- facilitating communities



With a.o. LDCC's, TDCC's, RDNL, eScience Center, DANS,...



With a.o. UKB, CWTS, UNL, VH,...



With a.o. UKB, SHB, ...

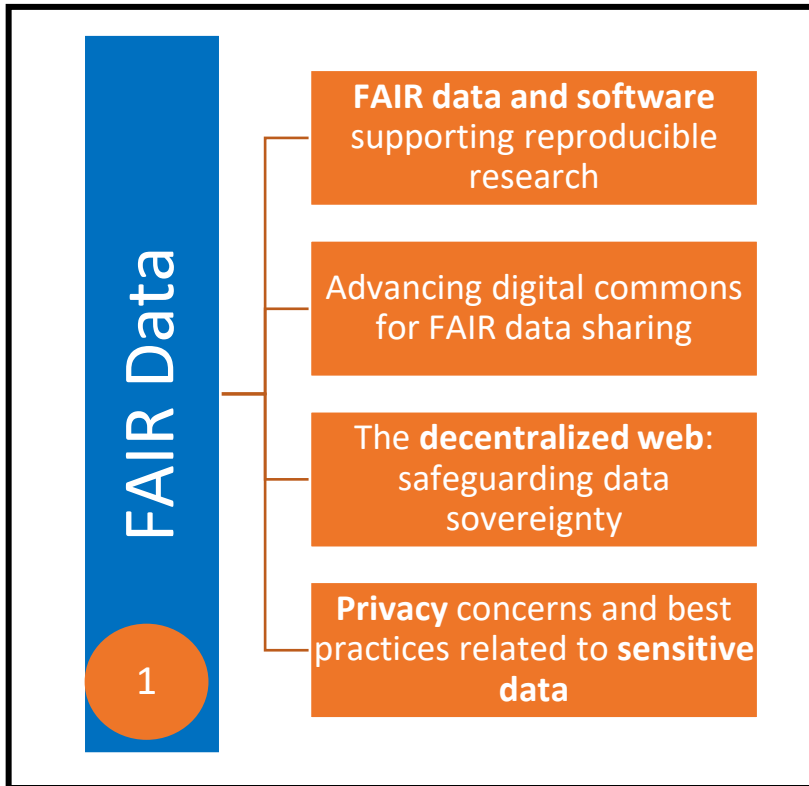
Innovation Zone Enabling Open Science: Three roadmaps.

Role SURF:

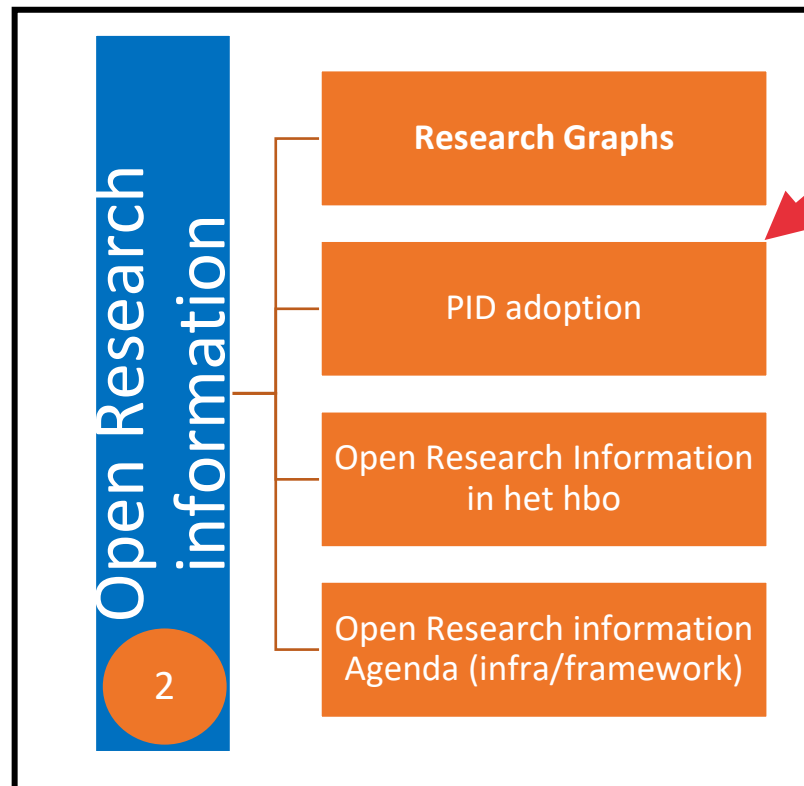
- explorative
- future oriented

- coordinating
- continuing existing activities
- bundling

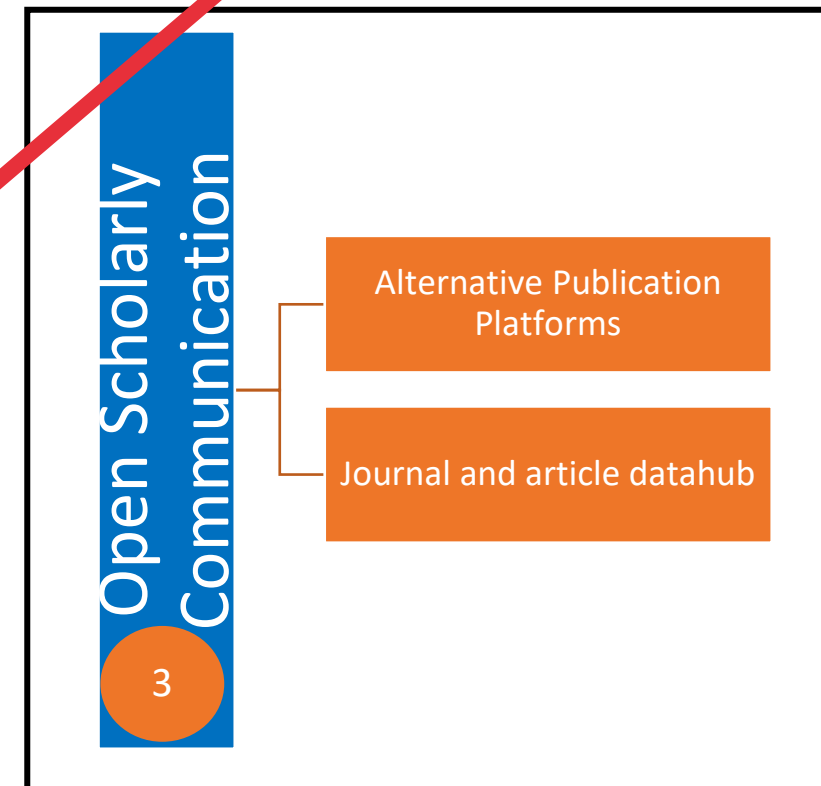
- explorative
- facilitating communities



With a.o. LDCC's, TDCC's, RDNL, eScience Center, DANS,...



With a.o. UKB, CWTS, UNL, VH,...



With a.o. UKB, SHB, ...

| What is needed to safeguard digital sovereignty

Digital commons



Rijksoverheid

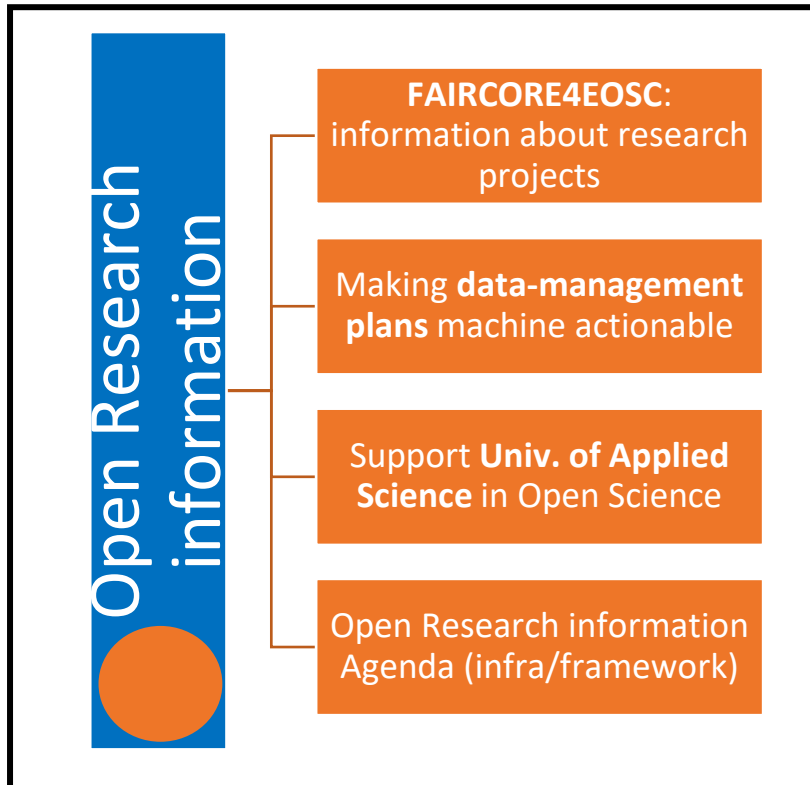
It is necessary to shape alternative technologies within the digital world giving in accordance with public values and human rights. because of this we reduce unwanted dependencies on non-values-driven providers.

Digital commons offer a suitable model for this. They provide a structure in which public values, democratic decision-making and (technological) sovereignty are placed centrally.

<https://www.rijksoverheid.nl/documenten/kamerstukken/2023/07/07/kamerbrief-over-digitale-gemeenschapsgoederen>

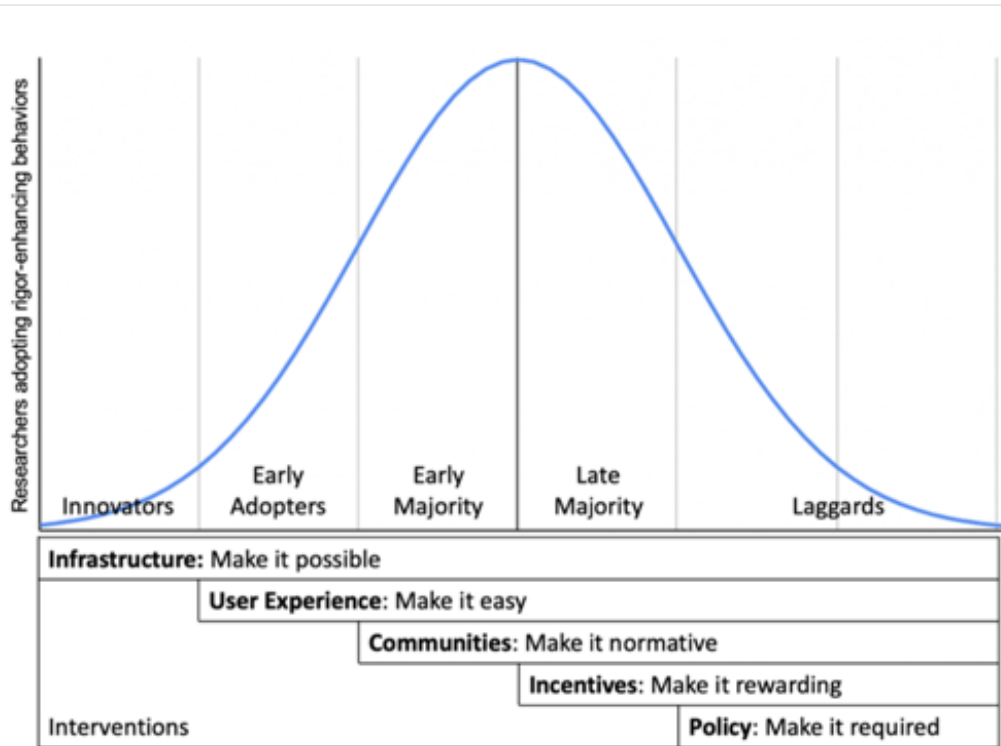
Letter to Parliament on 'Digital Commons'

Roadmap Open Research Information



This roadmap aims to provide all information about publicly funded research and about... to make the results open and reusable. This concerns the descriptive metadata, the contextual information about research and research results and (where possible) the enrichments thereof. Put more simply; the information that describes who has what, in what collaboration, with what financing and in what context investigated.

| What is needed to make open science the norm



Development of better **research infrastructures** to enable effective open knowledge sharing



Development of better **skills** in research communities



Investment in **communities** that develop and share best practices



Transformation of **recognition & reward**



Development of **policy and regulations**

Open Science Assessment Framework (OSAF)

SCOPE+i Method

- assessment-specific infrastructure
- assessment resources
 - RRA in general
 - OS in particular

Assessment Portfolio

- Narrative + Evidence
- Diversity of inputs & roles
- Researcher/group/institution
- facilitates collaboration

Assessment Registry






- Contextualized assessment
- Searchable database
- transparency & reuse
- community resource

Qualitative inputs

qualities	input
Values	Value statement (template)
Context	Contextual factors (template)
Purpose	Purpose statement (template)
Readiness	Infrastructure & culture change
Meaning	Narrative(s)
Peer review	Expert judgement

EOSC RAiD

https://raid.org/10.25.10.1000/j6k28

Title (primary) Lorem Ipsum Project
Title (acronym) LIP
Start date 2023-01-30
Description (short) Lorem ipsum dolor sit amet, consectetur adipiscing elit.

Principle investigator orcid.org/0000-0002-3843-0000 **Date:**
Role <https://credit.niso.org/contributor-roles/conceptualization/>

Co-investigator orcid.org/0000-0002-3639-2080 **Date:**
Role <https://credit.niso.org/contributor-roles/data-curation/>

Lead organisation ror.org/00rqy9422
Partner organisation ror.org/03b94tp07

Grant doi.org/10.8948/908234D93EAF
Dataset doi.org/10.1594/PANGAEA.726855
Article doi.org/10.1038/nphys1170
Instrument doi.org/10.1337/jdlc-tima
Sample [XXAB000IH](#)

Local storage uq.edu.au/114/32
Cloud storage 79.152.127.243
Sub-project <https://raid.org/10.3010/401XQPOI>



Open Science Assessment Framework (OSAF)

SCOPE+i Method

- assessment-specific infrastructure
- assessment resources
 - RRA in general
 - OS in particular

Assessment Portfolio

- Narrative + Evidence
- Diversity of inputs & roles
- Researcher/group/institution
- facilitates collaboration

Assessment Registry

- Contextualized assessment
- Searchable database
- transparency & reuse
- community resource

Qualitative inputs

qualities	input
Values	Value statement (template)
Context	Contextual factors (template)
Purpose	Purpose statement (template)
Readiness	Infrastructure & culture change
Meaning	Narrative(s)
Peer review	Expert judgement

EOSC RAiD

<https://raid.org/10.25.10.1000/j6k28>

Title (primary) Lorem Ipsum Project
Title (acronym) LIP
Start date 2023-01-30
Description (short) Lorem ipsum dolor sit amet, consectetur adipiscing elit.

Principle investigator orcid.org/0000-0002-3843-0000 **Date:**
Role <https://credit.niso.org/contributor-roles/conceptualization/>

Co-investigator orcid.org/0000-0002-3639-2080 **Date:**
Role <https://credit.niso.org/contributor-roles/data-curation/>

Lead organisation ror.org/00rqy9422
Partner organisation ror.org/03b94tp07

Grant doi.org/10.8948/908234D93EAF
Dataset doi.org/10.1594/PANGAEA.726855
Article doi.org/10.1038/nphys1170
Instrument doi.org/10.1337/jdlc-tima
Sample XXAB000IH

Local storage uq.edu.au/114/32
Cloud storage 79.152.127.243
Sub-project <https://raid.org/10.3010/401XQPOI>





Open Science Assessment Framework (OSAF)

SCOPE+i Method

- assessment-specific infrastructure
- assessment resources
 - RRA in general
 - OS in particular

Assessment Portfolio

- Narrative + Evidence
- Diversity of inputs & roles
- Researcher/group/institution
- facilitates collaboration

Assessment Registry

- Contextualized assessment
- Searchable database
- transparency & reuse
- community resource

Qualitative inputs

qualities	input
Values	Value statement (template)
Context	Contextual factors (template)
Purpose	Purpose statement (template)
Readiness	Infrastructure & culture change
Meaning	Narrative(s)
Peer review	Expert judgement

EOSC RAiD

<https://raid.org/10.25.10.1000/j6k28>

Title (primary) Lorem Ipsum Project
Title (acronym) LIP
Start date 2023-01-30
Description (short) Lorem ipsum dolor sit amet, consectetur adipiscing elit.

Principle investigator orcid.org/0000-0002-3843-0000 **Date:**
Role <https://credit.niso.org/contributor-roles/conceptualization/>

Co-investigator orcid.org/0000-0002-3639-2080 **Date:**
Role <https://credit.niso.org/contributor-roles/data-curation/>

Lead organisation ror.org/00rqy9422
Partner organisation ror.org/03b94tp07

Grant doi.org/10.8948/908234D93EAF
Dataset doi.org/10.1594/PANGAEA.726855
Article doi.org/10.1038/nphys1170
Instrument doi.org/10.1337/jdlc-tima
Sample XXAB000IH

Local storage uq.edu.au/114/32
Cloud storage 79.152.127.243
Sub-project <https://raid.org/10.3010/401XQPOI>



Thank you !



www.surf.nl



Clifford.Tatum@surf.nl

SURF