



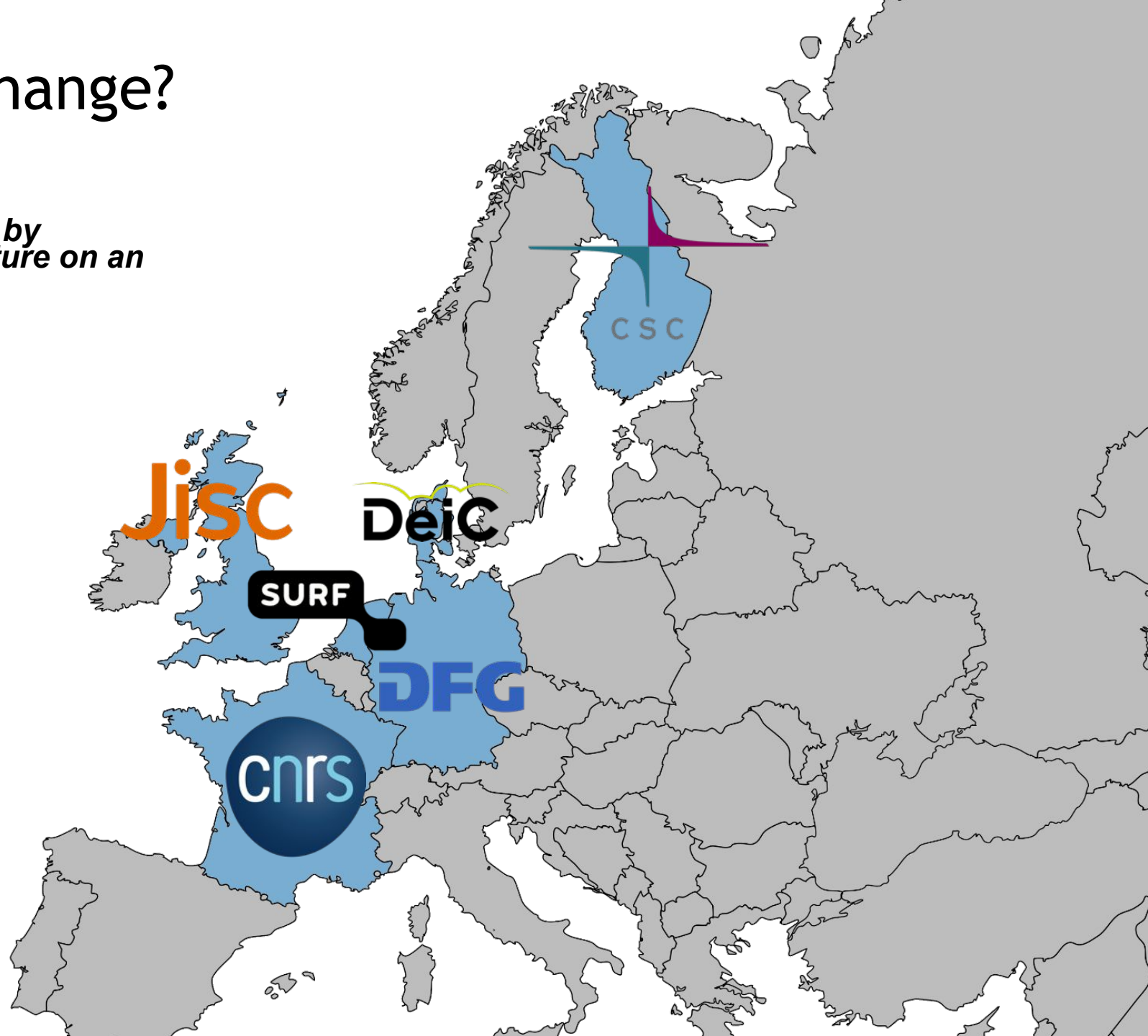
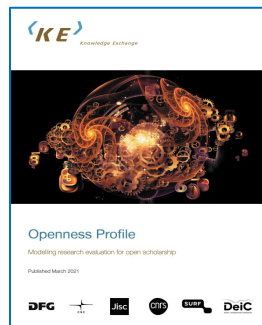
Openness Profile:

Modelling Research Evaluation for Open Scholarship

SHARC Session 20 April 2021
Research Data Alliance, 17th Plenary, Edinburgh
Fiona Murphy & Phill Jones of MoreBrains

Who is Knowledge Exchange?

Mission: ***“To enable open scholarship by supporting an information infrastructure on an international level”***



| Outline

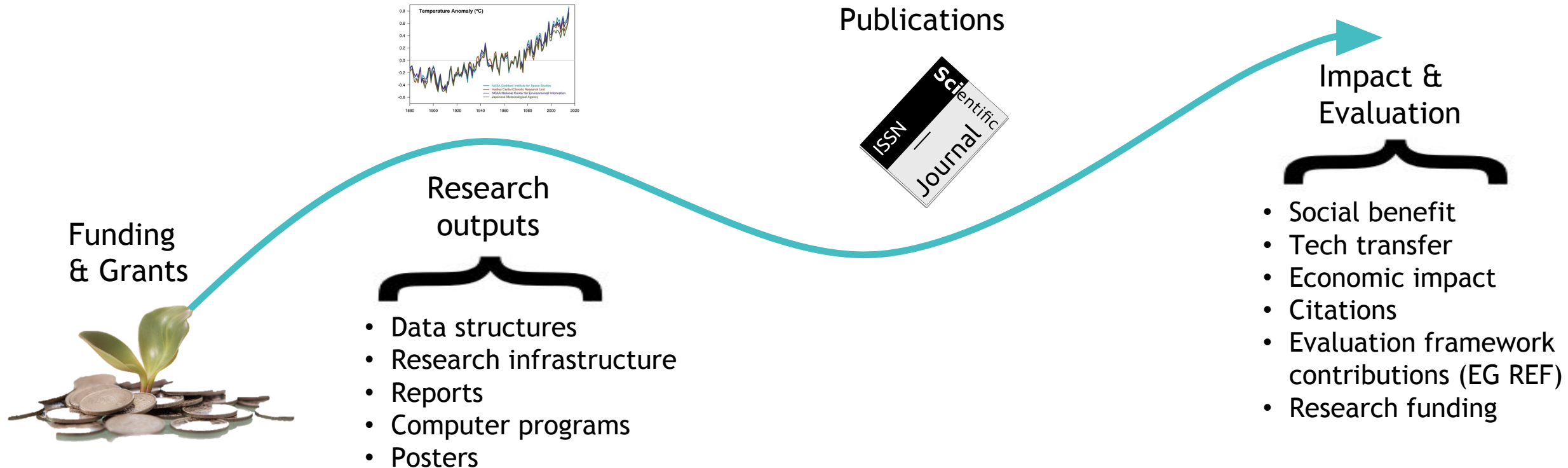
- Why is an Openness Profile needed, and what would it look like?
- A framework to incentivise open scholarship
- What needs to happen to make it a reality

Why an Openness Profile is needed

*... and what it would
look like*



Contribution and provenance across the scholarly value stream



Connections provide answers

Q. Supervisor: How well does my postdoctoral fellow make their analysis code available?

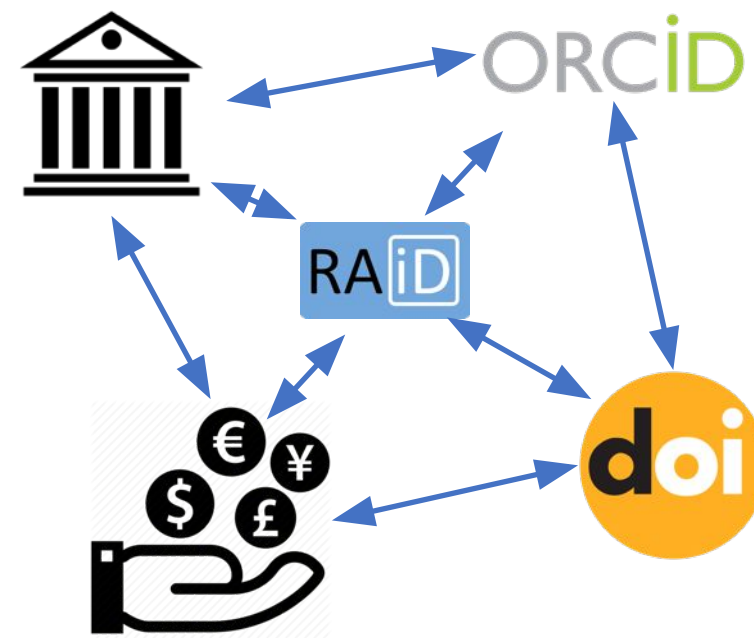
A. Connect researcher profile with code repositories

Q. Funder: What percentage of projects that we fund are consistently publishing data sets?

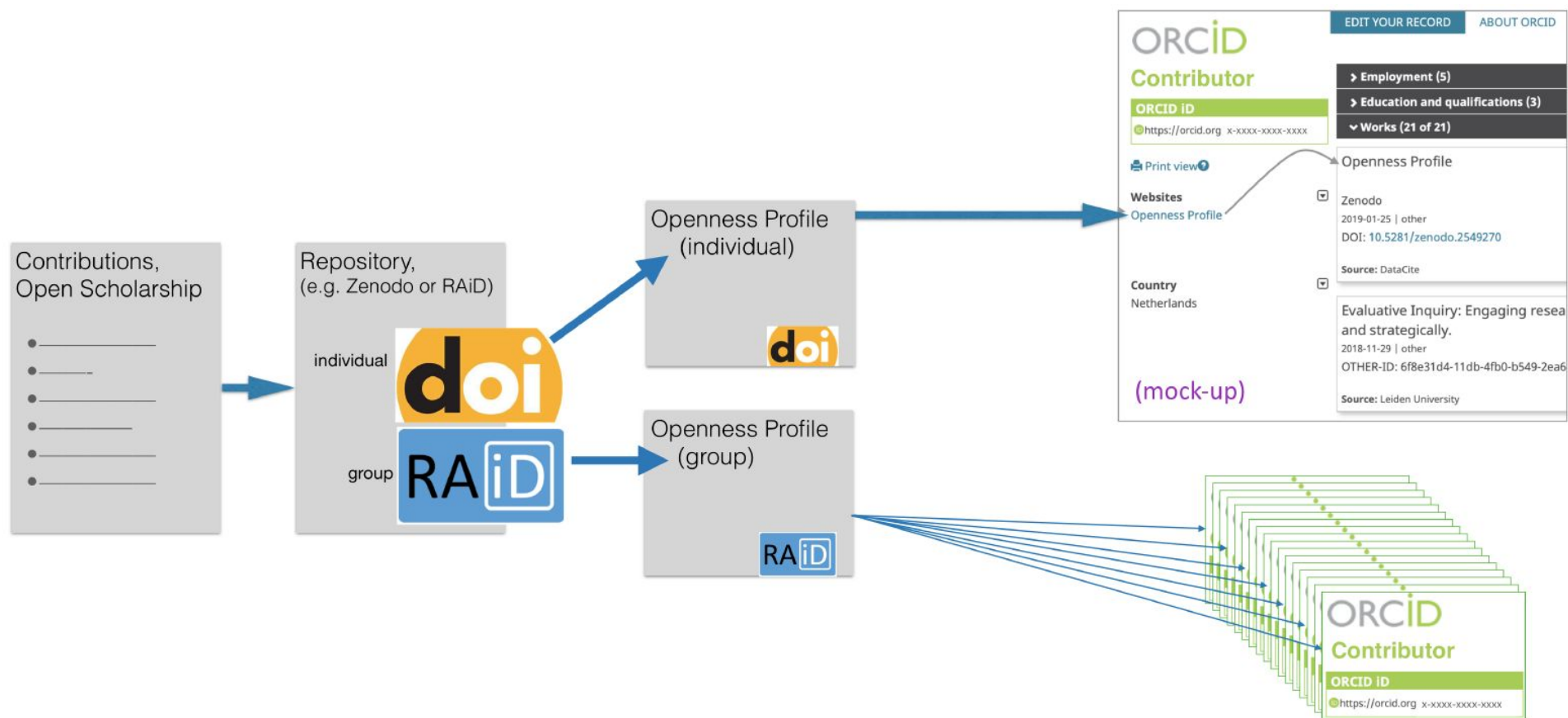
A. Connect articles to projects to grants and objects in repositories

Q. Researcher: Which institution has a culture of openness?

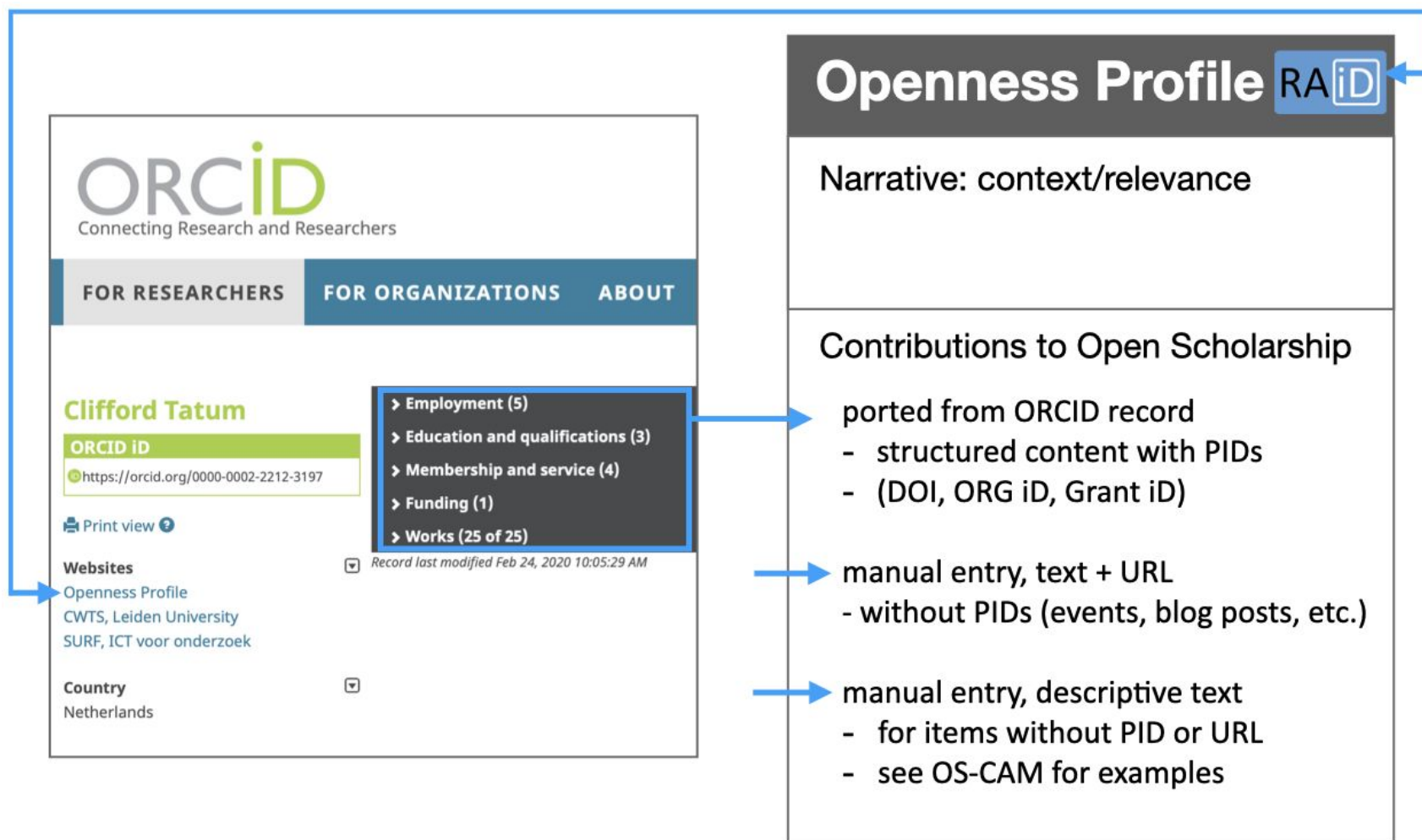
A. Connect organisational IDs to repositories and researcher outputs



| Openness Profile Workflow (concept)



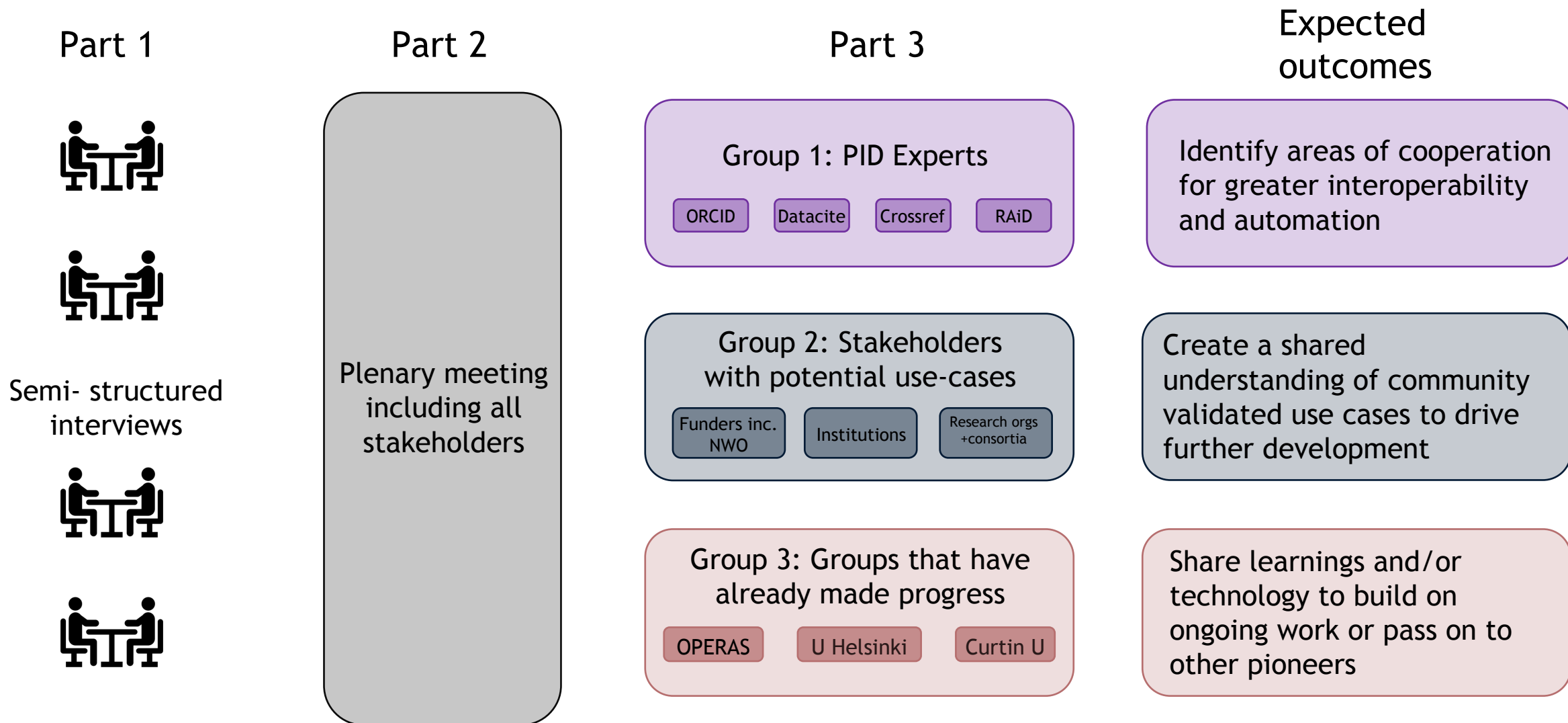
Key integrations with existing PID systems



A framework to incentivise
open scholarship



Project scope



| 18 months, 48 organisations, 80 people

PID providers



Publishers

5 Organisations
including trade
associations



National Research Orgs

5 Organisations
including members
of KE



Universities

18 institutions from
across the world



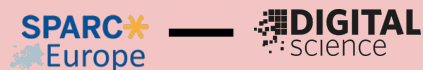
Funders

8 Organisations
government and private



Others

8 Stakeholders and
private companies

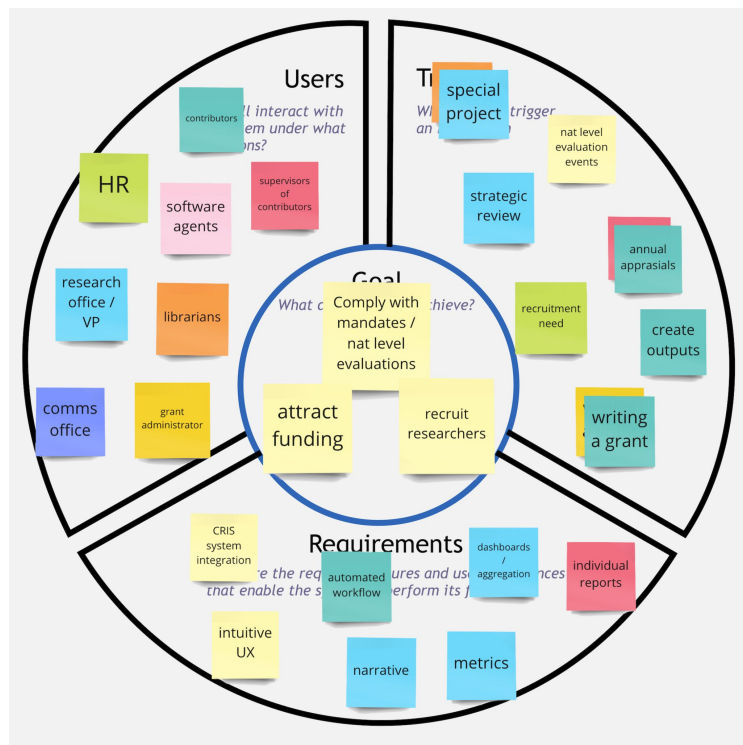


Interviews, discussions and workshops involving > 80 people
Multi-channels help every voice be heard

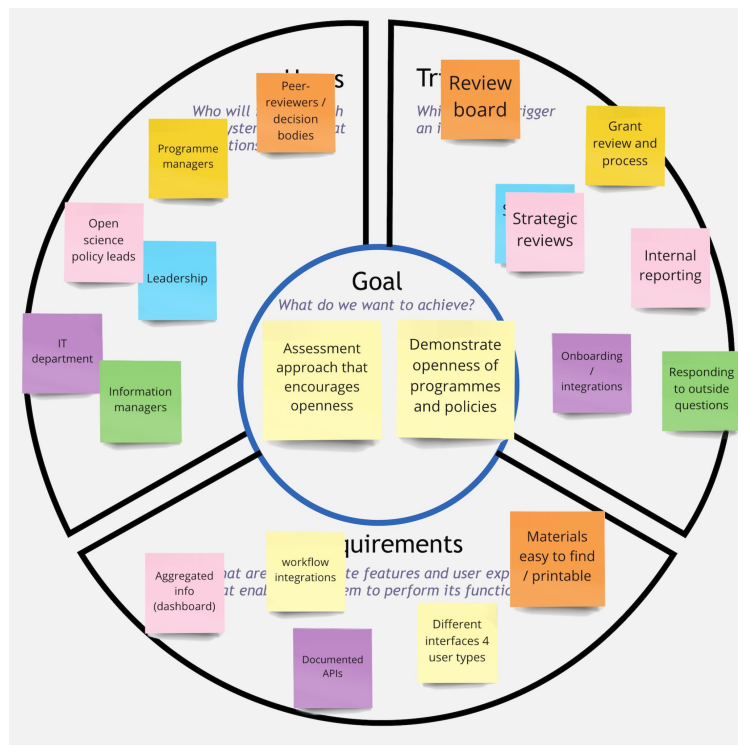


Use-Case Canvases

Institutions



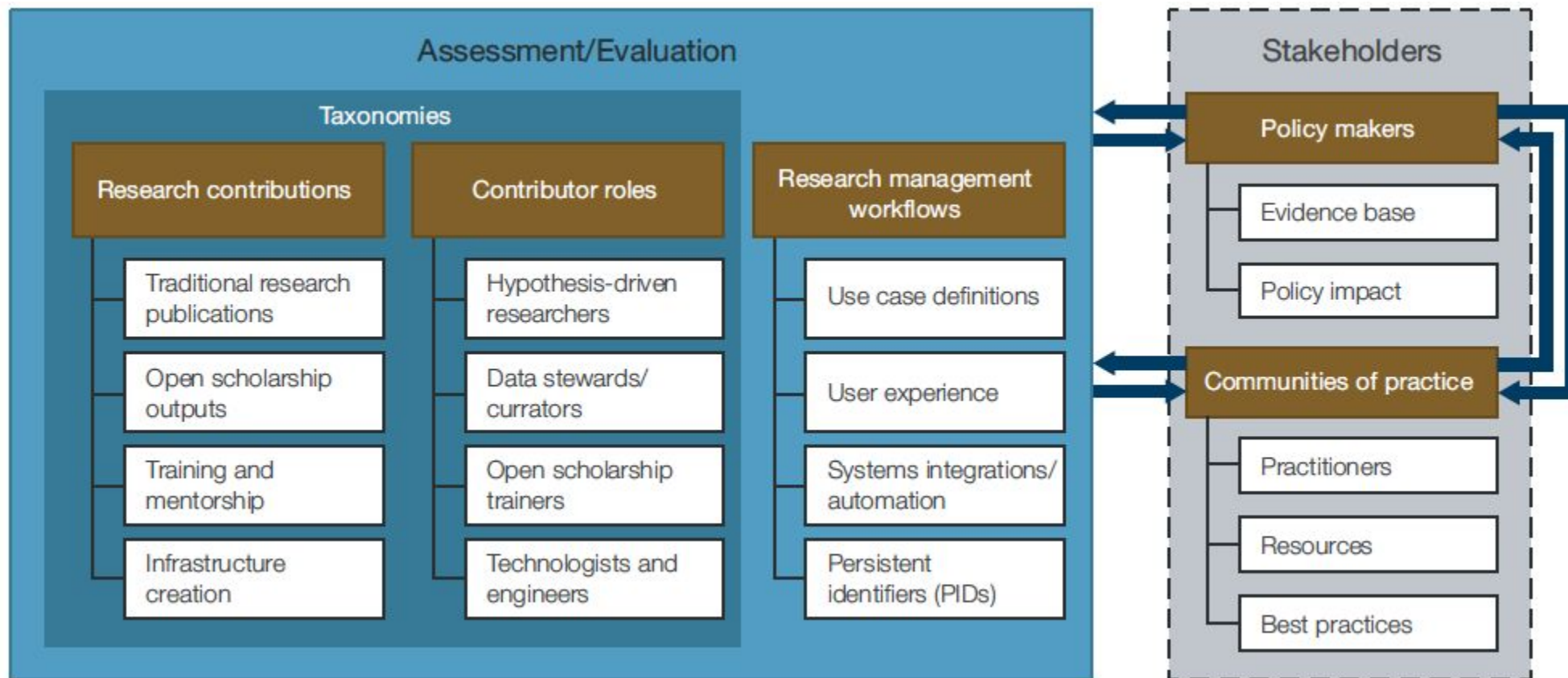
Funders



National Research Organisations



The openness profile reference model



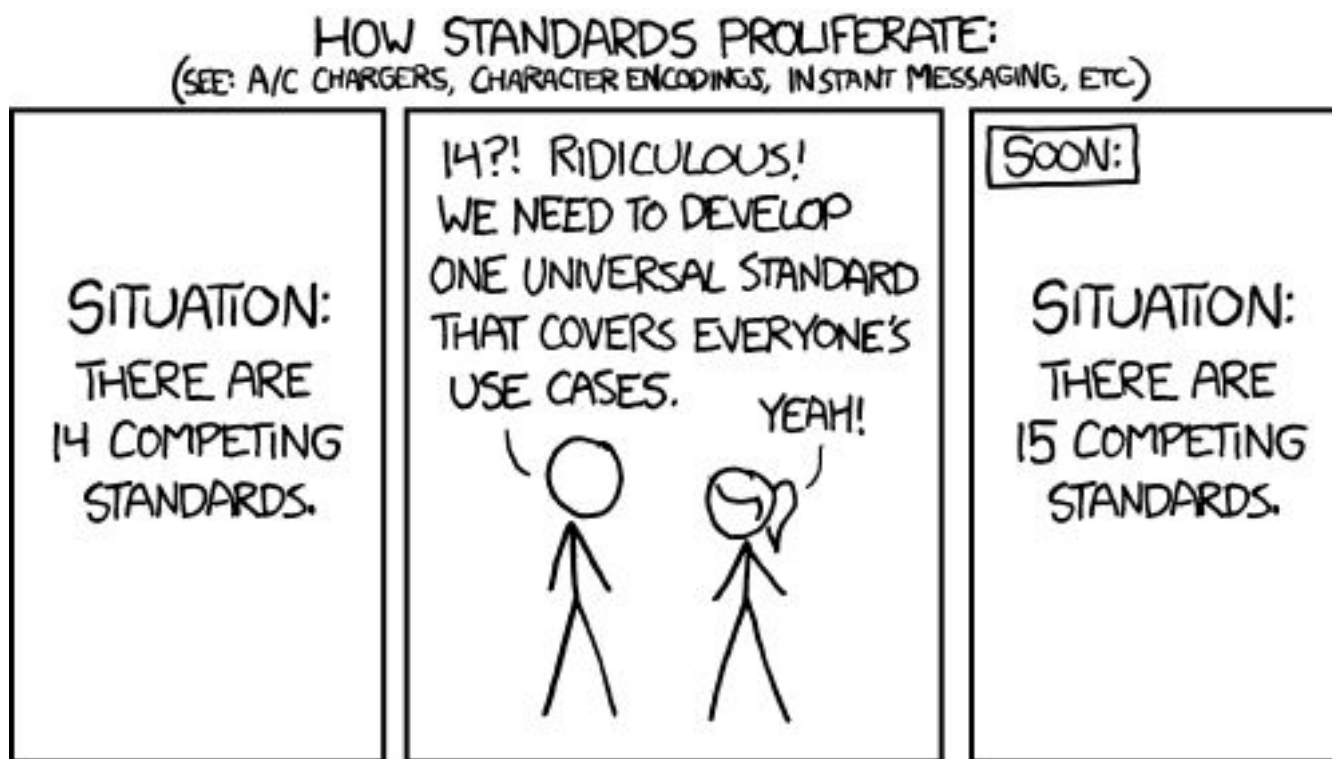
What needs to happen

Our recommendations

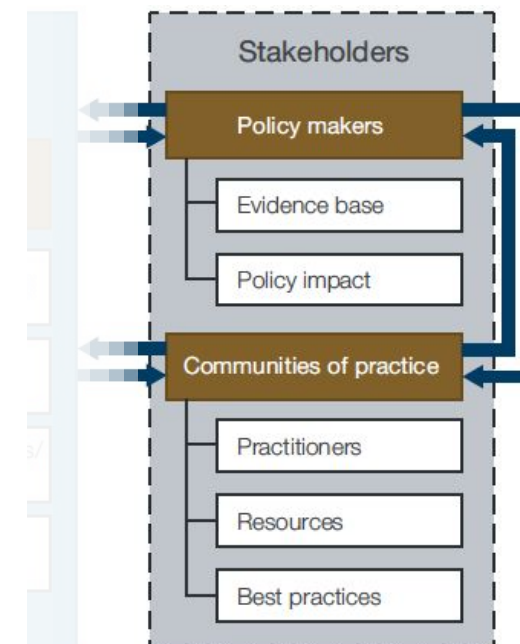


The importance of community consensus

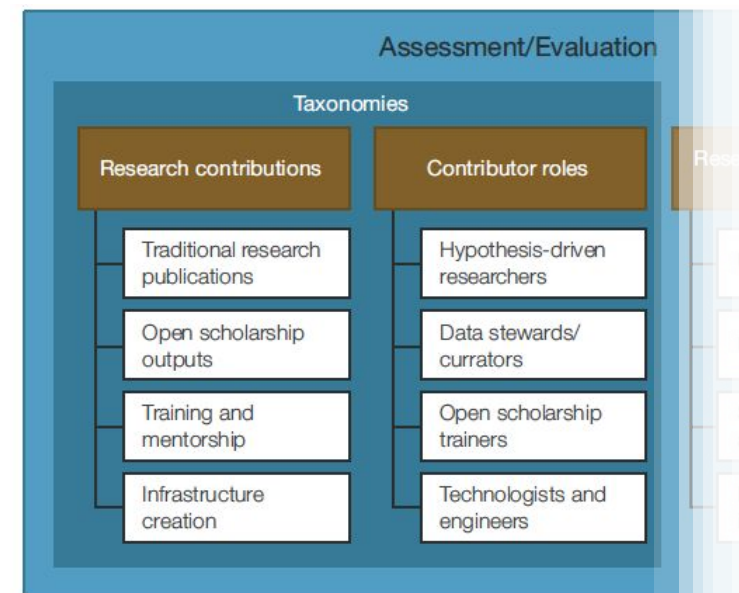
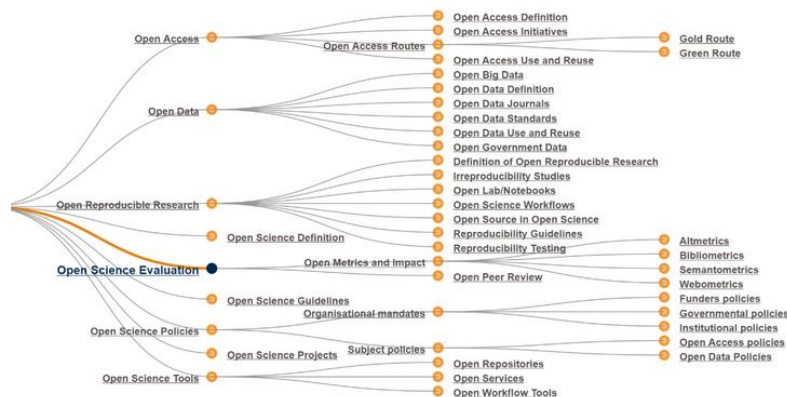
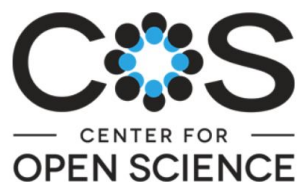
Avoid the standards/ taxonomy proliferation trap by working across stakeholders to create community buy-in



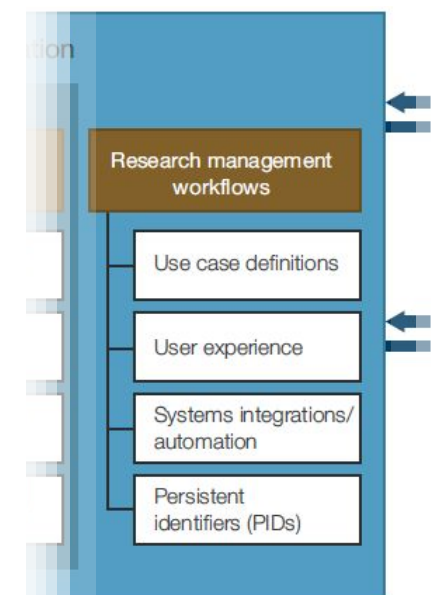
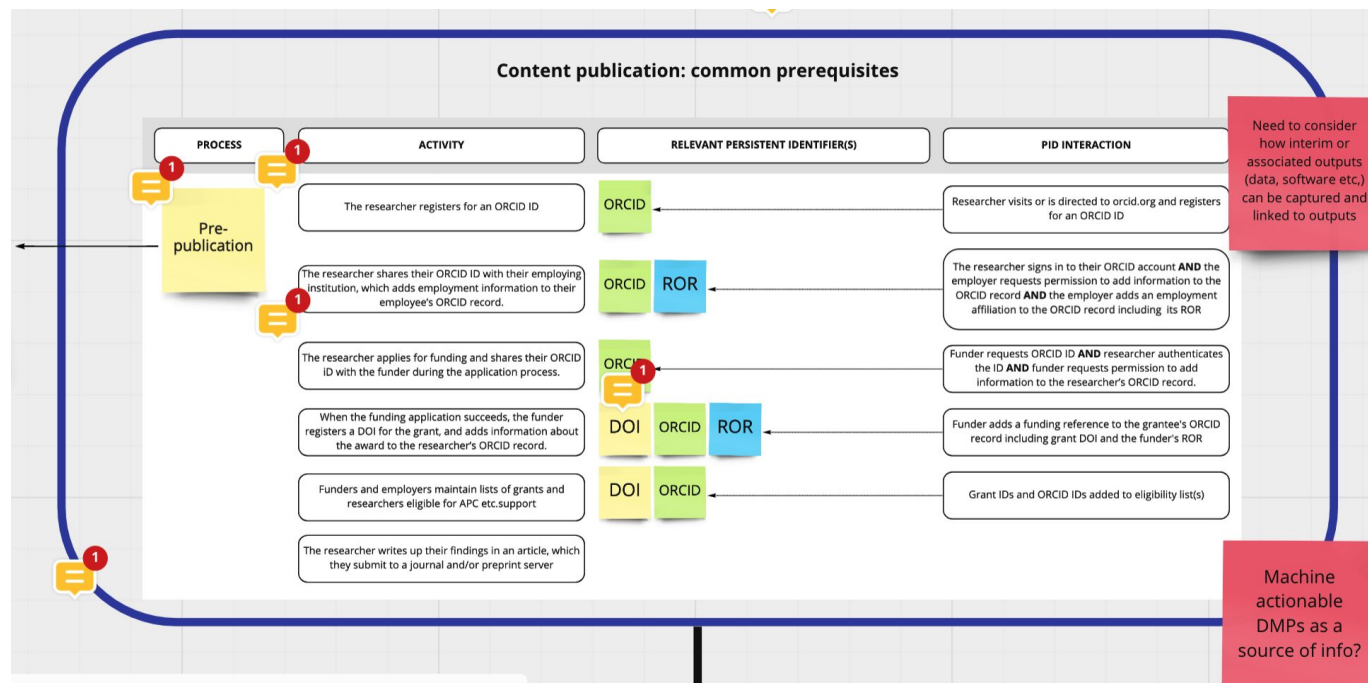
With apologies to Randall Munroe: xkcd.com



Taxonomies



Research workflows



| We are not alone!



OAeBU

Exploring Open Access eBook Usage



Crossref



MORE+BRAINS

| Our main recommendations

Overarching:

- Stakeholder summit
- Working group
- Sponsor

Specific stakeholders:

- **Funders:** drive technical investment, expand range of metrics and outputs
- **NROs:** standards, community governance, support best practices in CRISs/institutional repositories
- **PID providers:** shift towards more 'workflow' oriented approach, work on scalability, balance community interests among different stakeholders
- **Institutions:** invest in research information management capabilities - both technical and skilled staff, update evaluation criteria to include open contributions

| Next steps

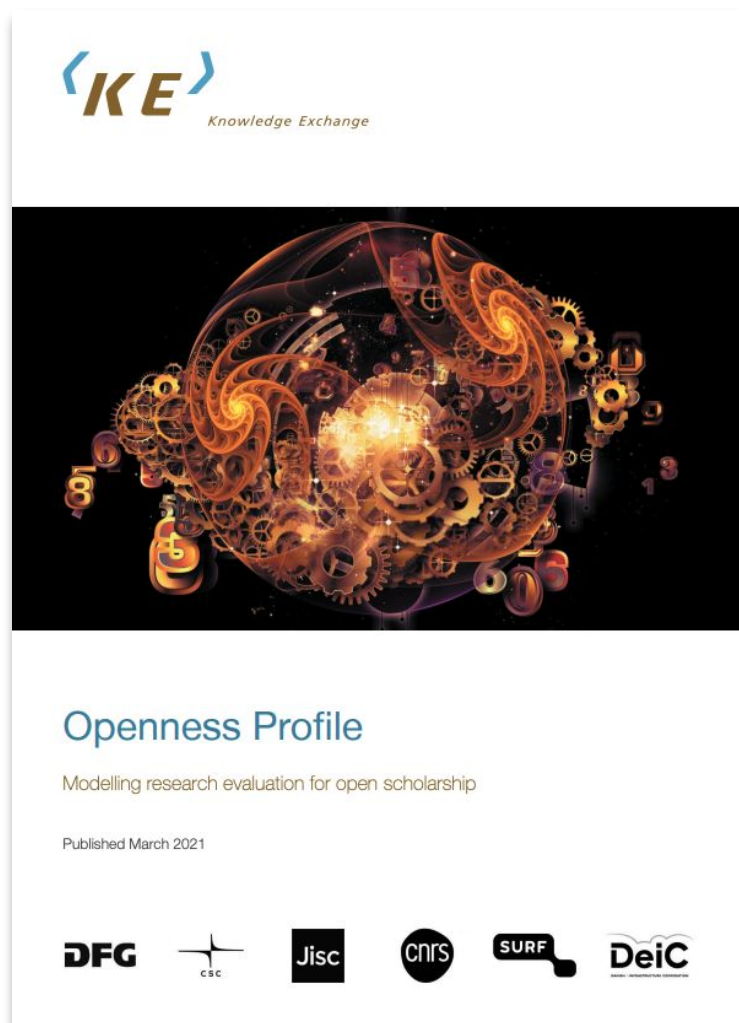
- The summit
- (How) do you want to become involved?

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Project Page: <https://www.knowledge-exchange.info/event/openness-profile>

Thank you!

*Any
Questions?*