

INTERNATIONAL DATA WEEK 2022

VIRTUAL 2022. 6. 20

Welcome to the RDA P19 SHARC ig session

How Open Science activities are perceived and
recognised in Research and the Research career

Session chairs:

Florença Grattarola, Biodiversidata, Ur | CULS Prague Cz

Hanna Shmagun, KISTI, Kr

Laurence Mabile & Anne Cambon-Thomsen, CERPOP, UNIV Toulouse-Inserm, Fr



www.idw2022.org



Convened by



Co-hosted by



Sponsored by



Some practical information

Please,

- Open our collaborative notes for the session:
Google doc link available in the chat or in the programme session page (on top of the agenda)
- Include there your name in the attendees list and any information you wish
- Questions or short comments are welcome during the presentation, please use the chat box; Specific moments will be dedicated to verbal discussion in the 2nd part of the session
- Keep muted during the session when not talking
- Session slides & notes will be made available by RDA and on the SHARC group's page (RDA website)

INTERNATIONAL DATA WEEK 2022

19th RDA Plenary Breakout Session

VIRTUAL 2022.6.20



Meeting agenda

Part 1.....45 min

- Introduction, [Laurence Mabile](#)
- Survey's preliminary results presentation,
[Florencia Grattarola & Hanna Shmagun](#)

Part 2.....45 min

- Collective discussion, [Anne](#)

Introduction



SHARC ig

SHARC ig co-chairs:

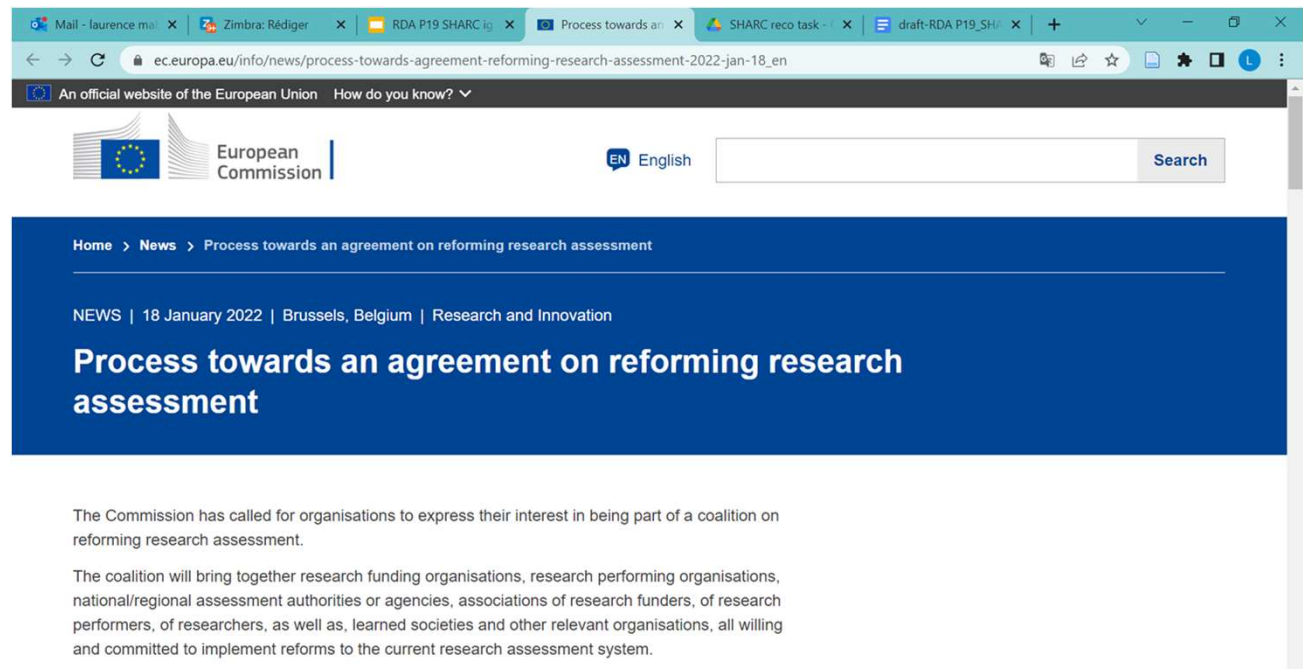
Hanna Shmagun, Korea Institute of Science and Technology Information/KISTI, South Korea;
Christopher Erdmann, AGU, USA;
Romain David, ERINHA, FR;
Laurence Mabile, University of Toulouse III-Inserm, FR;
Anne Cambon-Thomsen & Mogens Thomsen, University of Toulouse III-Inserm, FR.

- Interdisciplinary group set up to unpack and improve crediting and rewarding mechanisms in the data/resource sharing process.
- Main goal: to provide recommendations to foster the implementation of rewarding paths and encourage the adoption of data sharing/ OS activities-related criteria in the research evaluation process at the institutional, national and European/international levels.

Introduction

SHARC ig is being a part of a global multi-stakeholder coalition on reforming research assessment coordinated by the European Commission.

https://ec.europa.eu/info/news/process-towards-agreement-reforming-research-assessment-2022-jan-18_en



Session objectives



- To discuss with you the necessity of rewarding Open Science activities.
- The discussion will be based on the preliminary results of a survey conducted by a sub-group of members of the RDA-SHARC IG
- To help fuel the discussion conducted as part of the EC's Coalition on reforming research assessment
- To help feed future SHARC recommendations.

About the survey



Aim:

To identify perceptions and expectations of various research communities regarding how Open Science activities, such as research data sharing, are (or should be) taken into consideration and rewarded

Launched in April 2022

113 complete responses at the time of extraction

Ongoing survey until end of September

Preliminary results

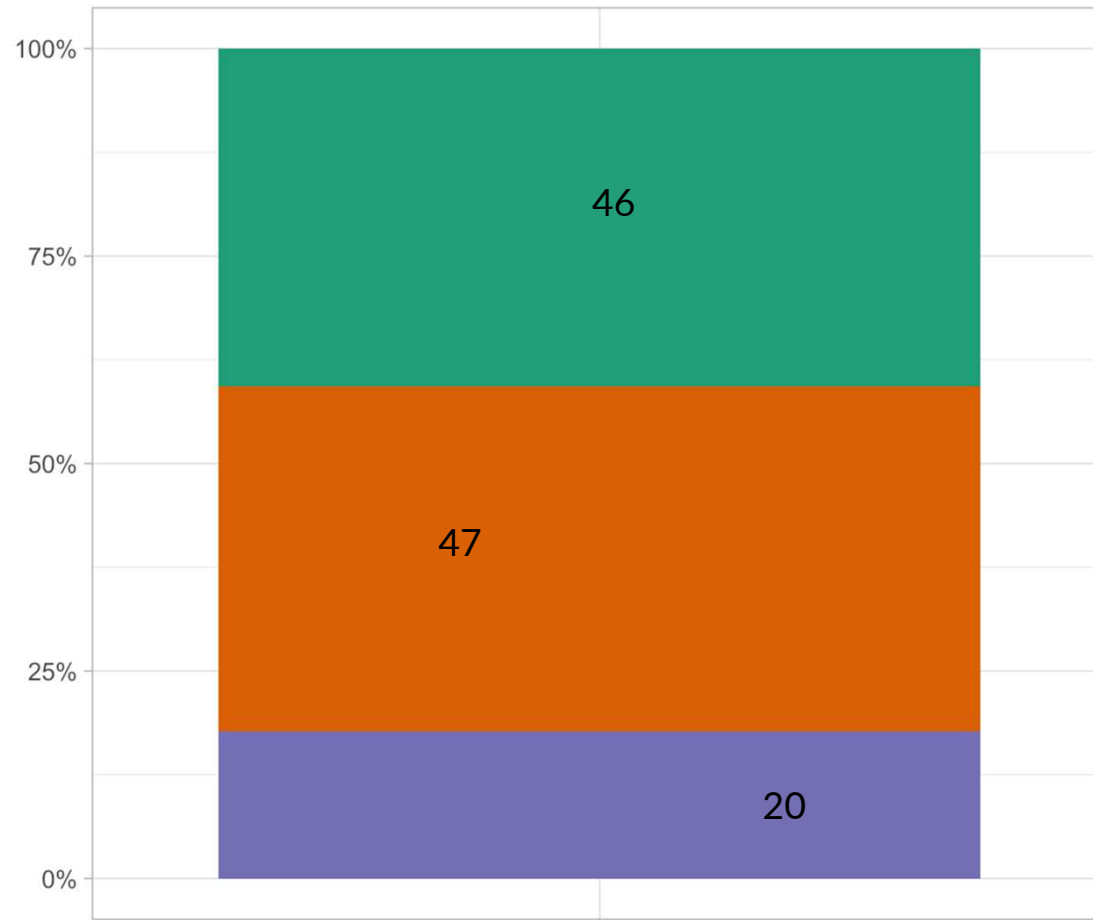
presented by:

Florencia Grattarola

Biodiversidata, Uy | CULS Prague, Cz

Hanna Shmagun,

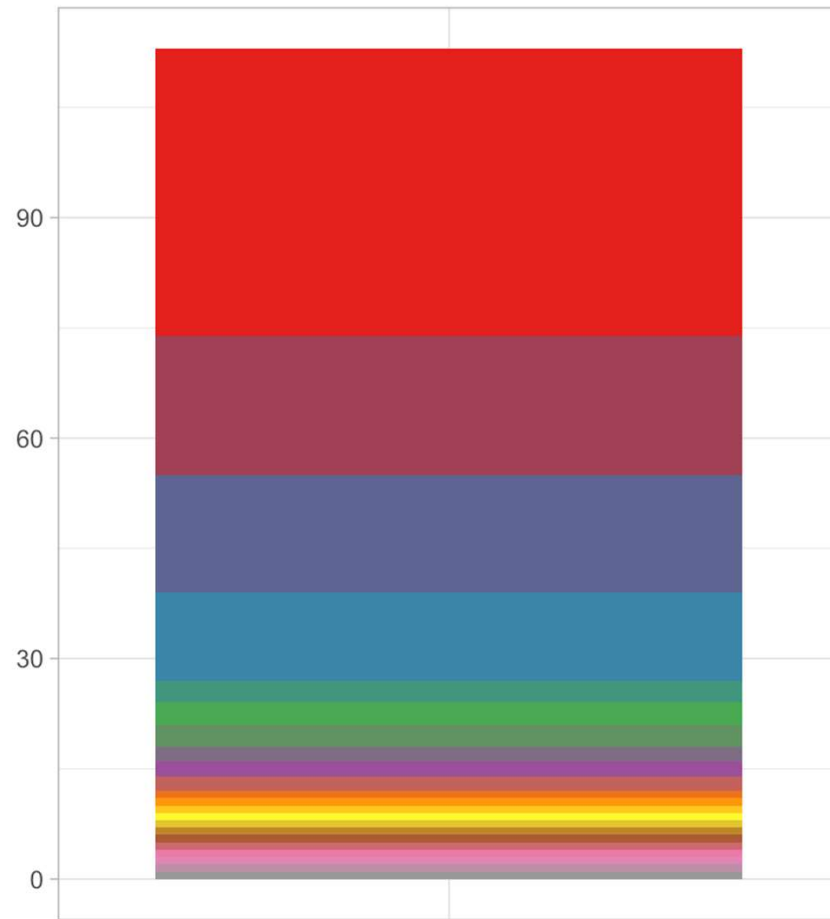
KISTI, University of Science and Technology, Kr



Respondents' gender

Gender

- female
- male
- no response



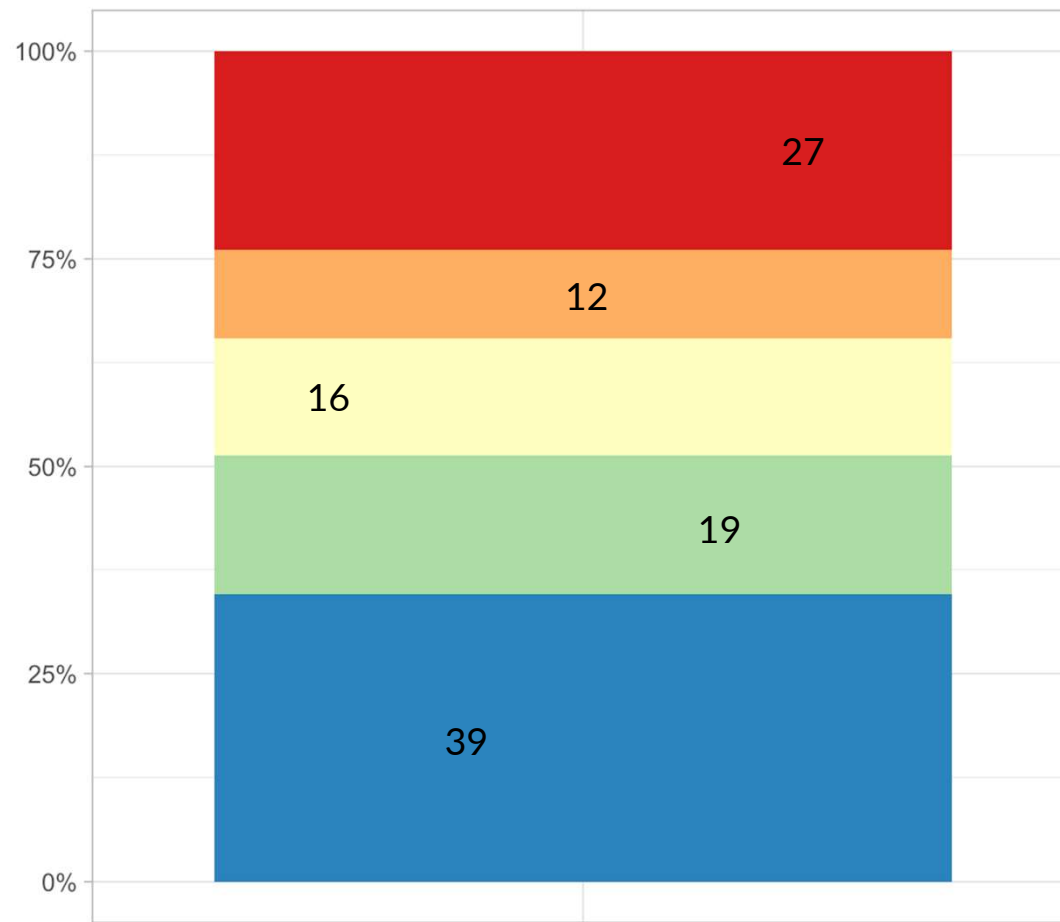
Respondents by country

Which country
do you work in?



Country	n
Argentina	3
Belgium	1
Colombia	2
Czech Republic	1
Estonia	1
Finland	1
France	16
Germany	2
Italy	1
Korea, Rep.	39
Lithuania	3
Luxembourg	1
Netherlands	3
New Zealand	1
Nigeria	1
Serbia	1
Spain	2
Sweden	1
Switzerland	1
United Kingdom	1
United States	19
Uruguay	12

Total: 22 countries

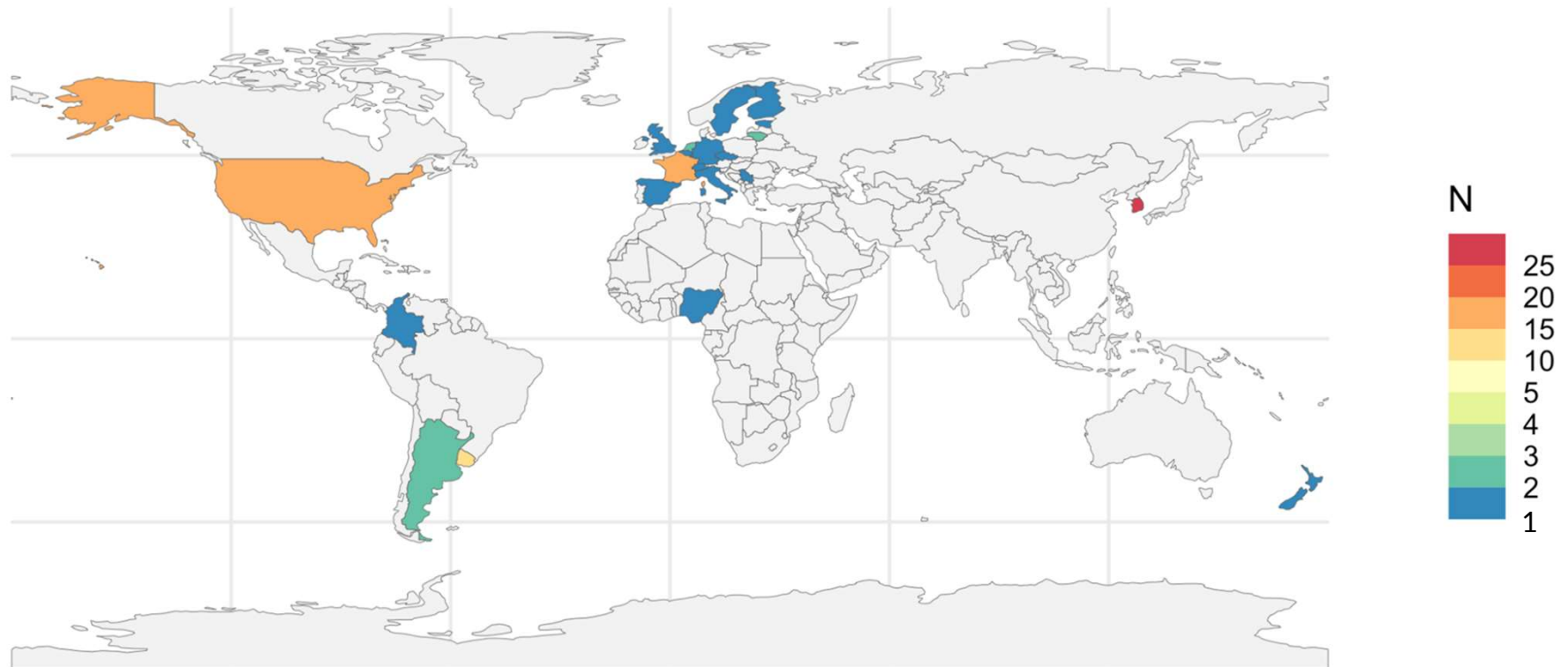


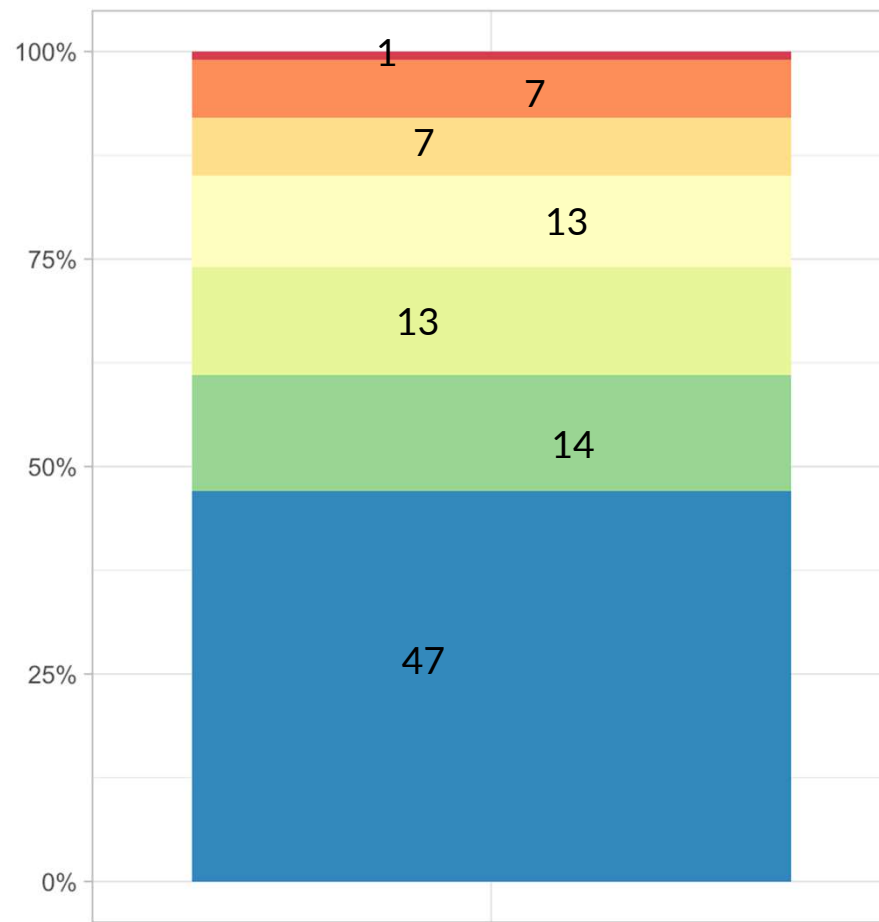
Top countries

Which country
do you work in?

- Other countries
- Uruguay
- France
- United States
- Korea, Rep.

Geographic distribution of respondents





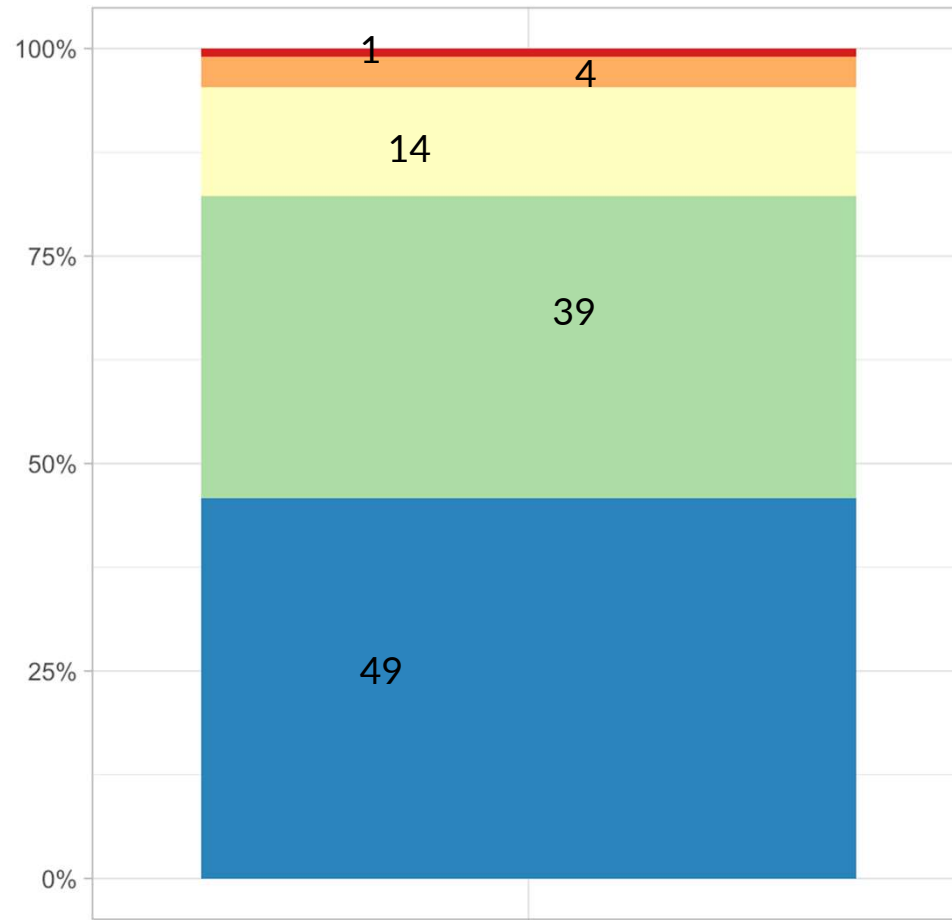
Job titles of respondents

Job title

- Software engineer
- Policy officer
- Postdoc
- Data specialist
- Graduate student (Master, PhD)
- Professor
- Researcher

Other job titles

Project Chief and senior scientist at federal government agency
Retired educator
Retired researcher/professor
staff science technician
Librarian (scholarly communications)
Research support
Biostatistician
Open Access Programme Manager
Research engineer in DM
Project Manager
GBIF National Node Administrator
open access/open science advisor
Librarian



Main affiliated organisations

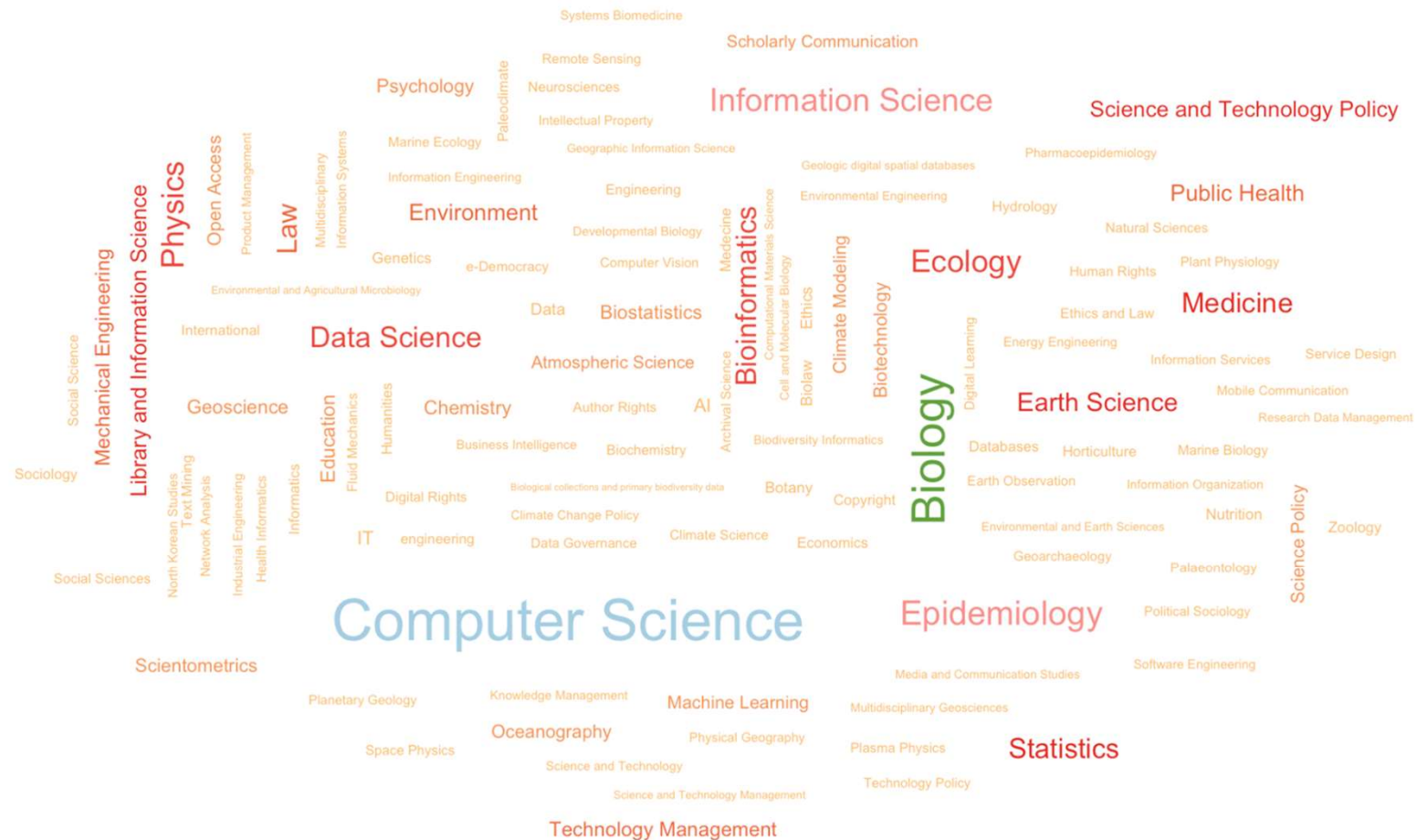
Type of organisation

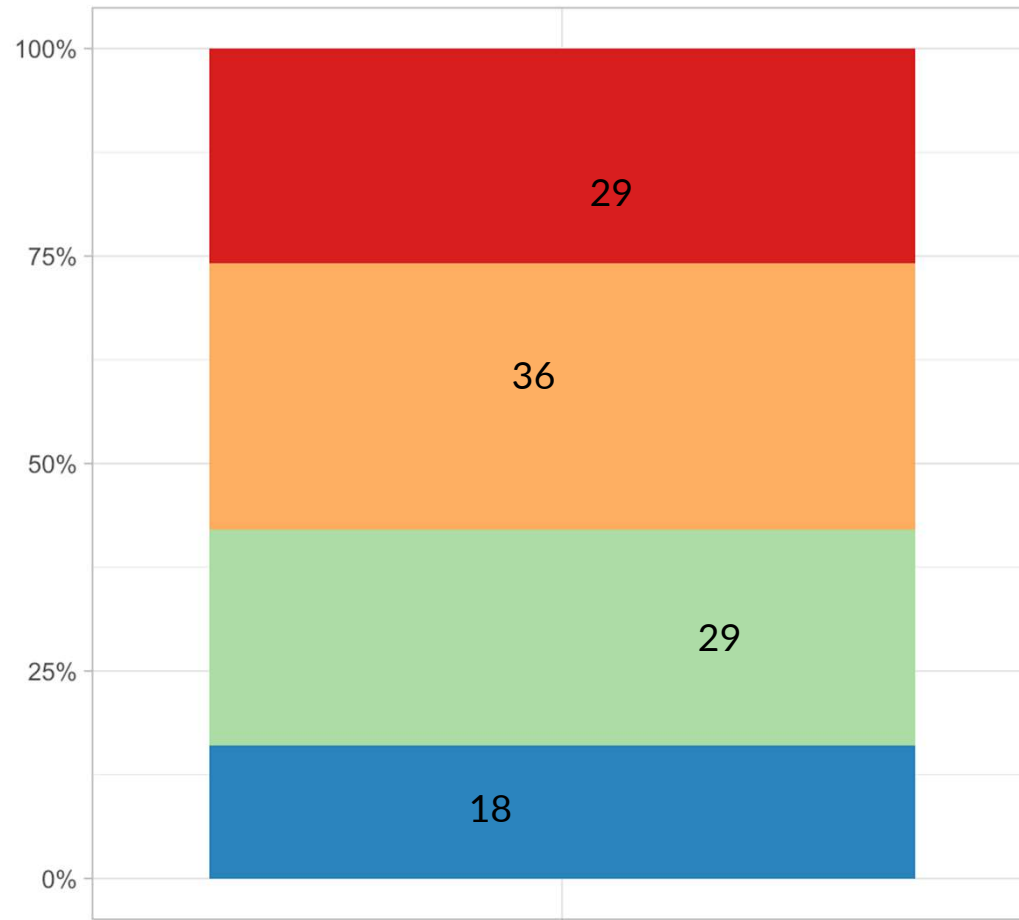
- International organisation
- NGO / NPO
- Government agency
- University
- Research institute

Other types of organisations

- European research infrastructure (ERIC)
 - Family
 - Small business
 - Private company
 - Hospital
 - International organism
-

Main disciplinary fields

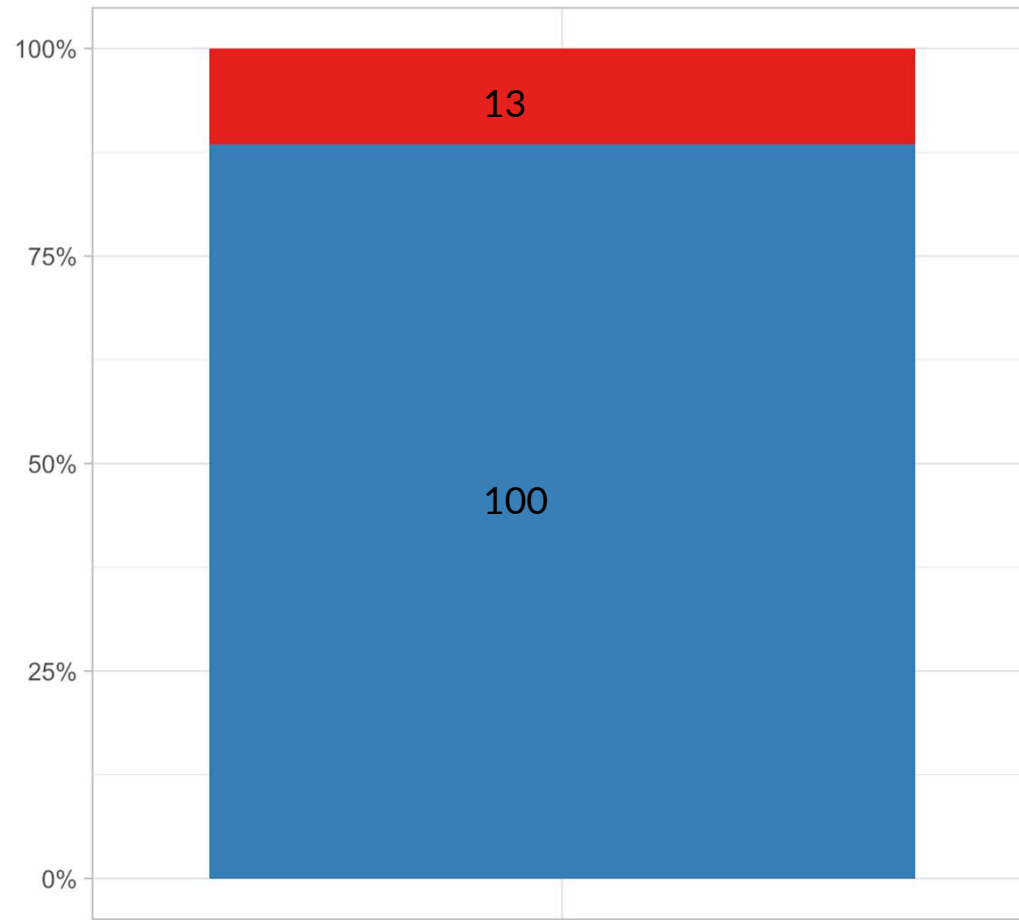




Experience in the field

Years of experience

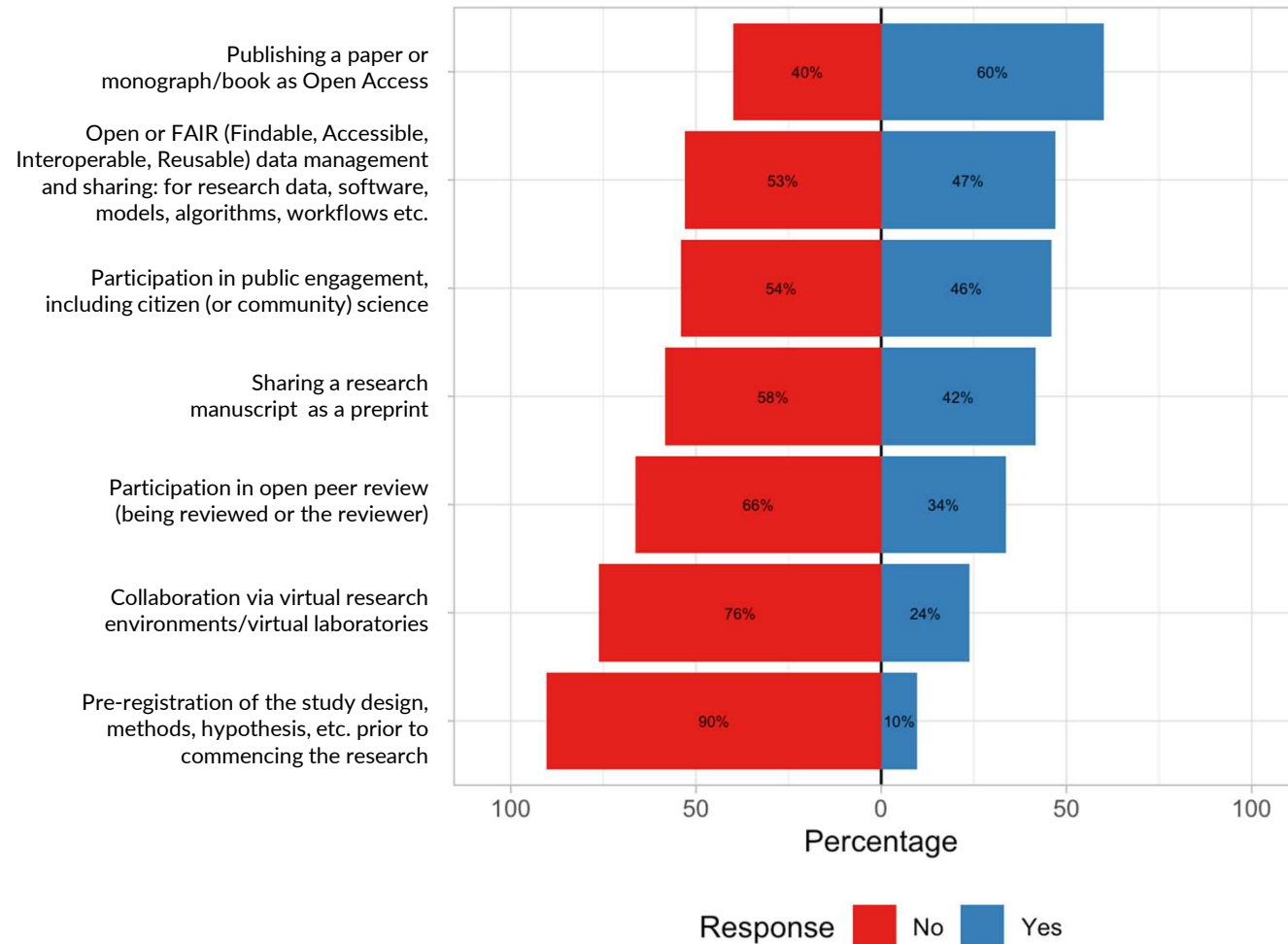
- > 20 years
- 10-20 years
- 5-10 years
- < 5 years



Open Science awareness

Are you familiar with Open Science?





Involved in
Open science
activities?

Other suggested Open Science activities

“I **coordinate** a national system of open repositories of S&T publications”

“**Introducing** the Open Science **concept**, policy establishment, public lectures, business promotion”

“I am a member of the **advisory committee** on open science”

“I **teach** FAIR and Open Science as part of an introductory course on research data management for science department graduate students at my university”

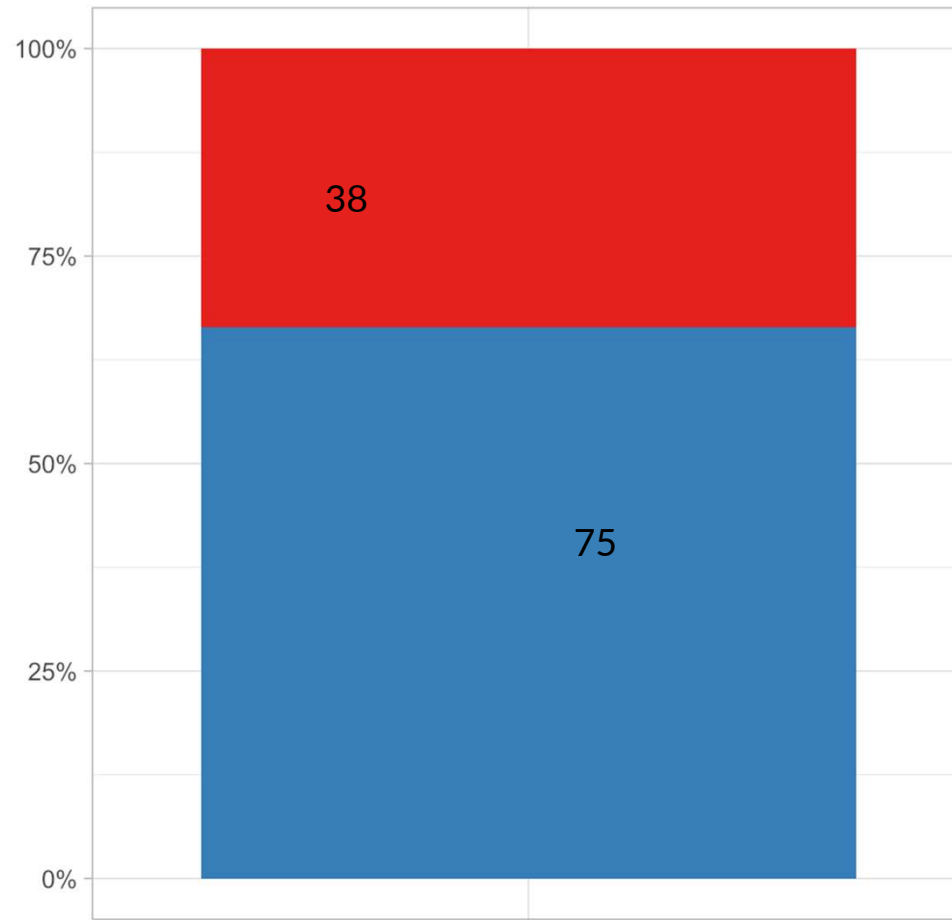
“Institutional **guidance** on open science in the position of Head of Research”

“**Proposing a DMP model** to specific communities in Life Sciences”

“I collaborate with faculty and labs at my university to **build best practices** around PID implementations, and data sharing”

“**Development of standardised reporting formats** for specialist data types”

SUPPORT



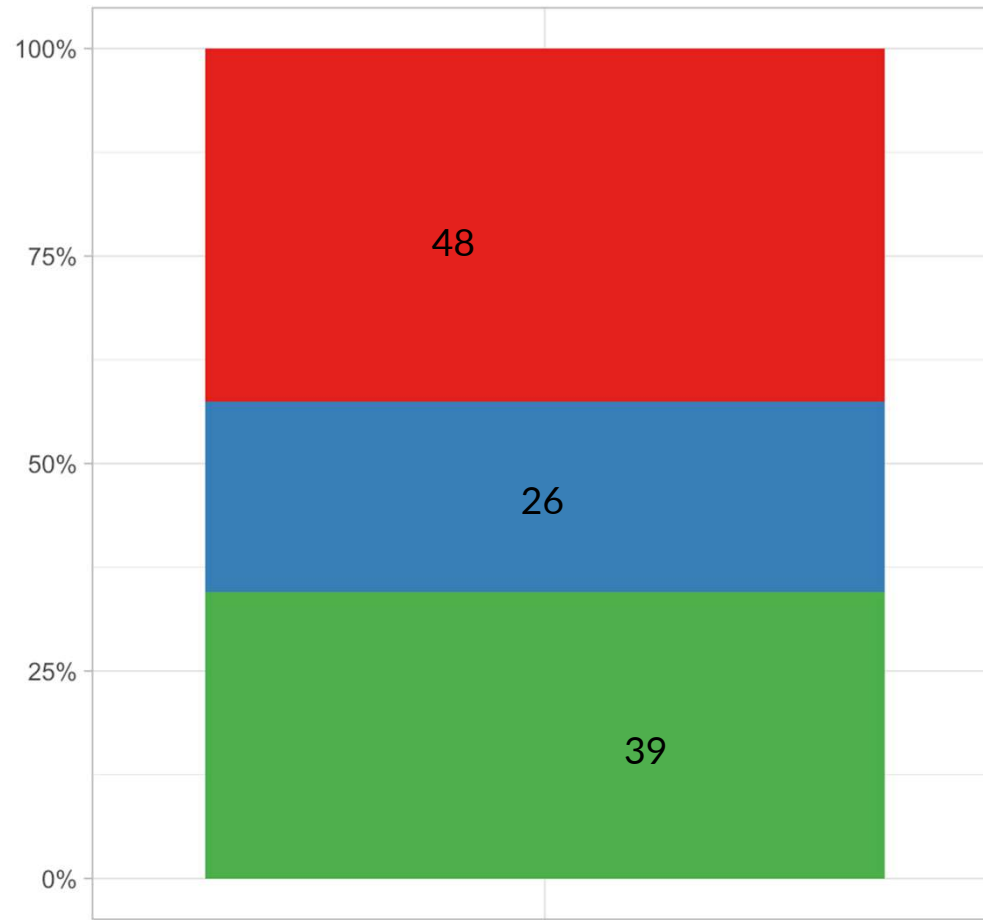
Familiarity with FAIR principles

Are you familiar with the FAIR principles?



FAIR principles:

<https://www.go-fair.org/fair-principles/>



Involvement in FAIRification steps

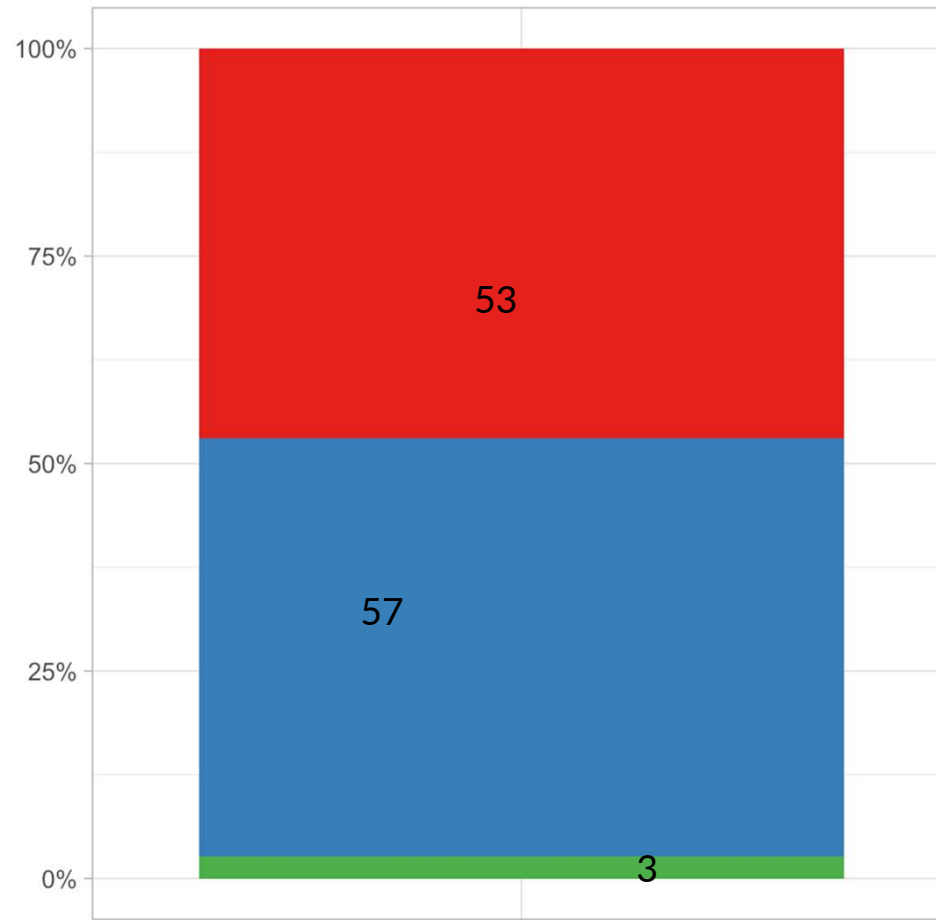
Are you involved in some steps of data FAIRification process?



FAIRification process:

<https://www.go-fair.org/fair-principles/fairification-process/>

About institutional policies



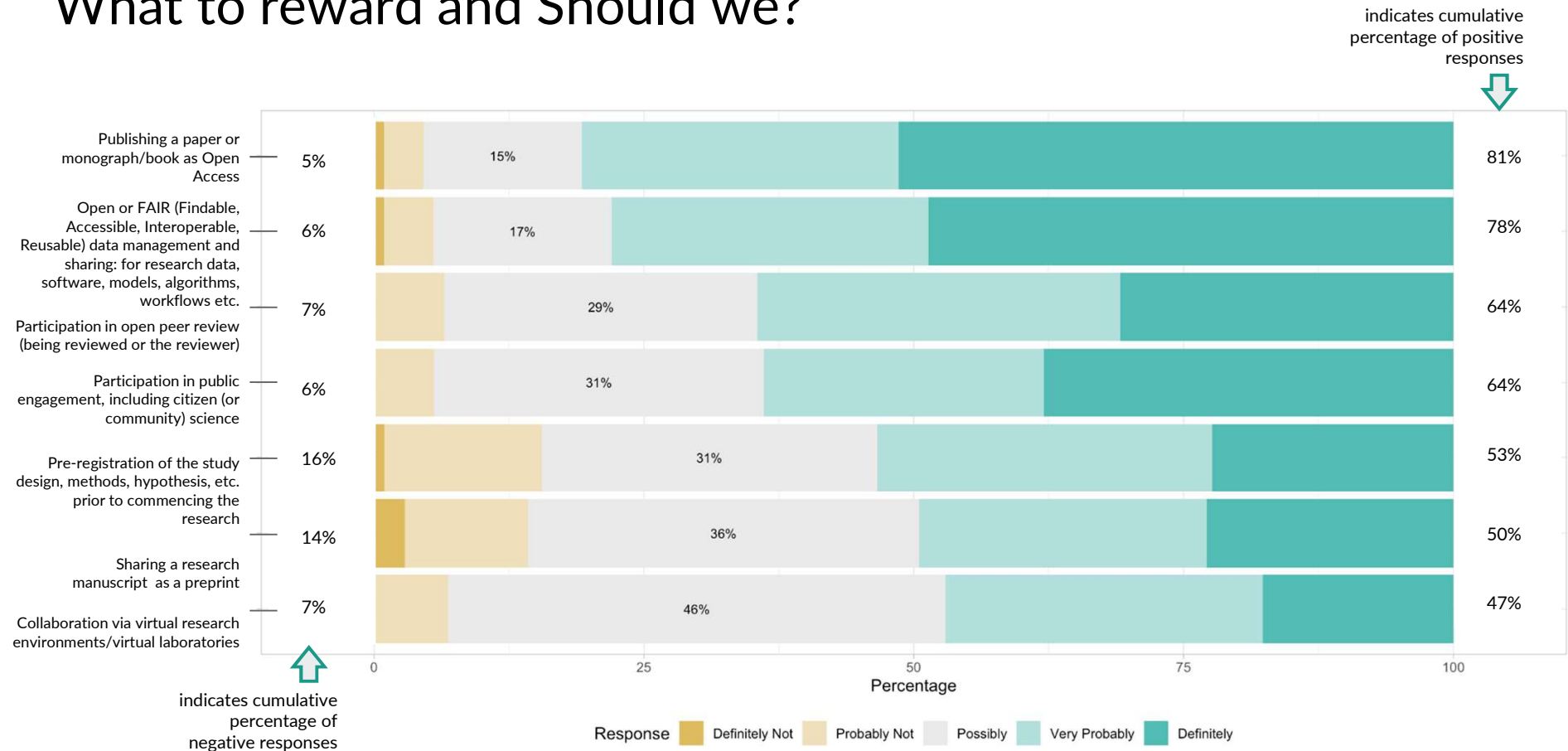
Does your institute/
organisation have policies
on various Open Science
activities?



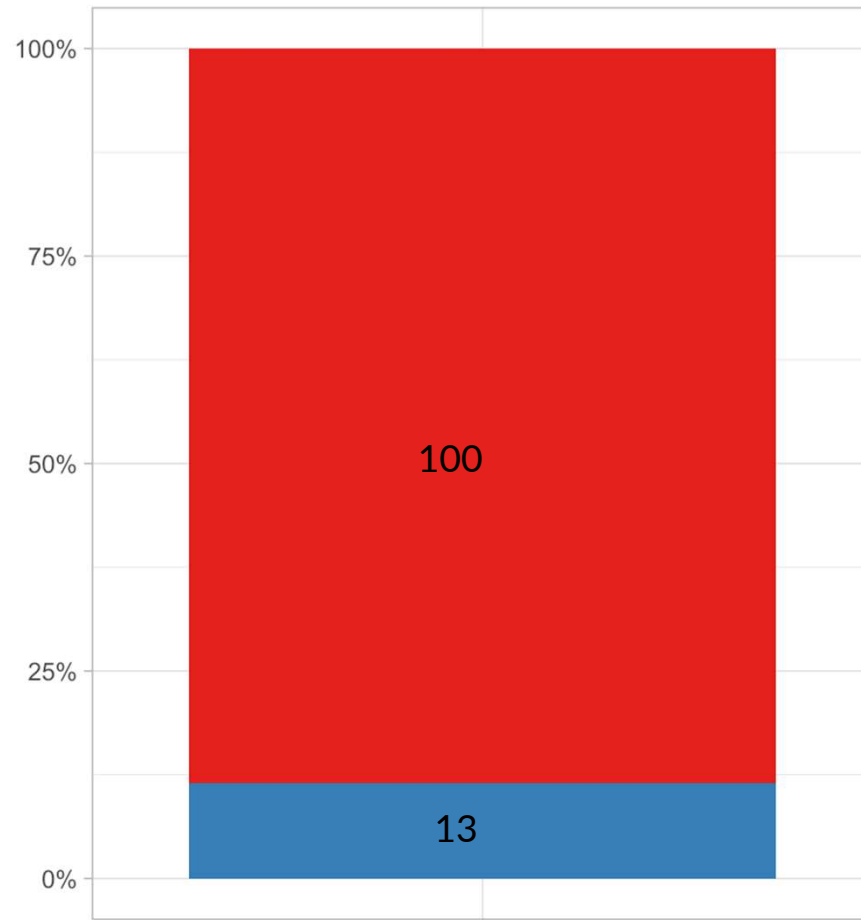
Country	Policy
Korea	KISTI Open Access policy [the only OA mandate in Korea]
France	Inserm Open Science policy
France	CNRS Open Science policy
Spain	Research data management strategy of CERCA (Research Centers of Catalonia)
Italy	Research data policy of INGV (National Institute of Geophysics and Volcanology)
USA	OA policies at MIT (Massachusetts Institute of Technology)
USA	NASA's Transform to Open Science (TOPS) initiative for 2022-2027
Uruguay	OA policy of the National Agency for Research and Innovation

Examples of institutional Open Science policies in respondents' affiliations

What to reward and Should we?

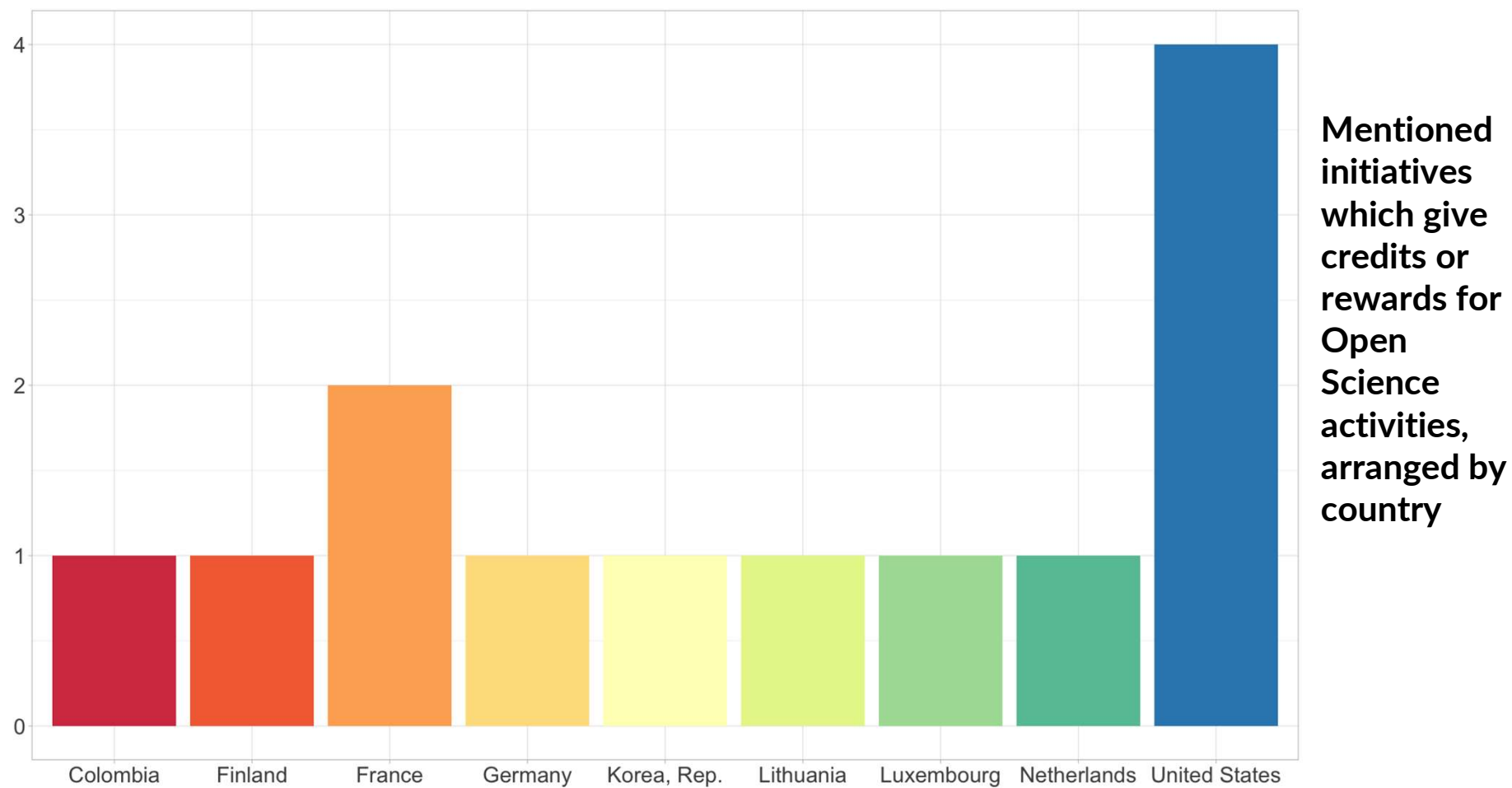


Any institutional rewarding initiative?

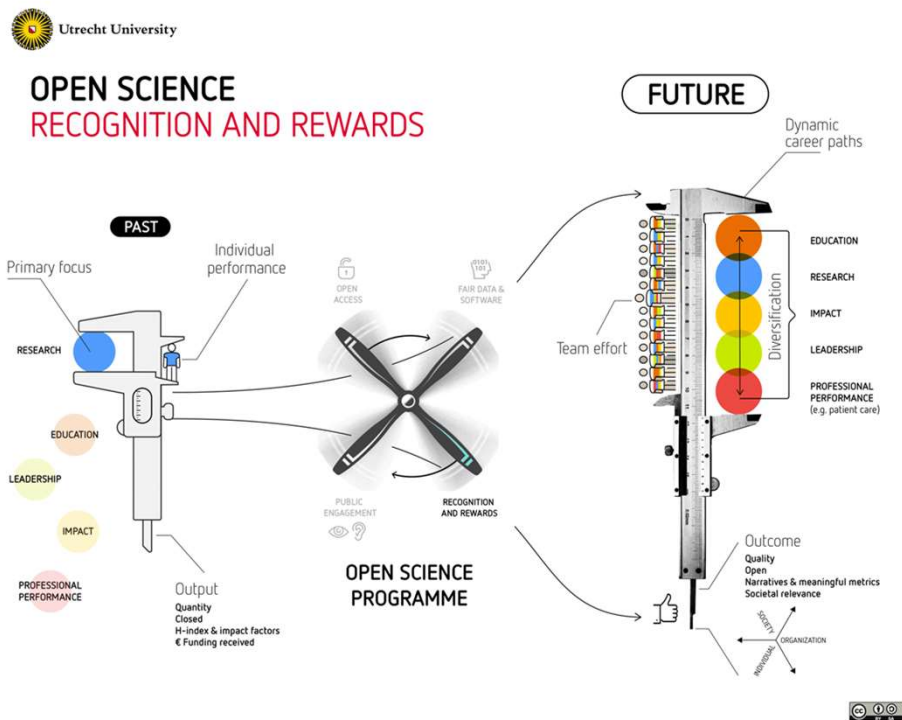


Does your institute/organisation
have any initiative or tool which
gives credits/rewards for
Open Science activities?

■ No
■ Yes



Examples of institutional initiatives rewarding Open Science



Netherlands

Utrecht University
Open Science initiative
- "[Utrecht University Recognition and Rewards Vision](#)"

France

[CNRS Open Science policy](#):
OS activities are included in
the annual activity report of
researchers; only publications
available in the national open
repository (HAL) can be taken
into account in the evaluation

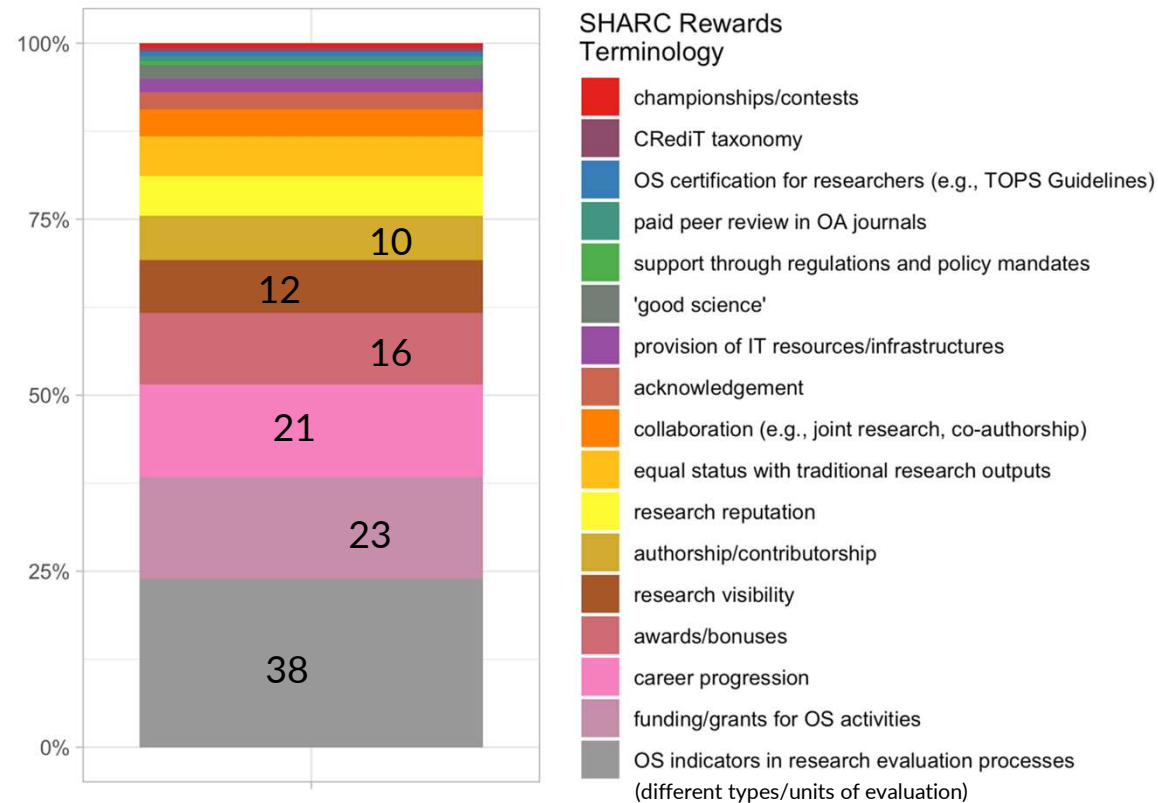
Finland

Open Science Award
([University of Helsinki](#)
or [Tampere University](#))

USA

Minor recognition
through individual
year-end achievement
reports (research
institute)

The most desired rewards for Open Science activities



SHARC Rewards Terminology	n
OS indicators in research evaluation processes	38
funding/grants for OS activities	23
career progression	21
awards/bonuses	16
research visibility	12
authorship/contributorship	10
equal status with traditional research outputs	9
research reputation	9
collaboration (e.g., joint research, co-authorship)	6
acknowledgement	4
'good science'	3
provision of IT resources/infrastructures	3
championships/contests	1
CRedit taxonomy	1
OS certification for researchers (e.g., TOPS Guidelines)	1
paid peer review in OA journals	1
support through regulations and policy mandates	1

Discussion

Chair: Anne Cambon-Thomsen



Don't miss your chance to participate in our survey

The questionnaire is available in multiple languages through the links below:

- <https://enquetes.univ-tlse3.fr/976622?lang=en> (in English)
- <https://enquetes.univ-tlse3.fr/479674?lang=es> (in Spanish)
- <https://enquetes.univ-tlse3.fr/976622?lang=ko> (in Korean)

The survey is open until October 1, 2022

Let's talk about:

- Do you think that the proportion of people who are aware of OS or FAIR principles (according to our data) reflects the reality, in general?



Let's talk about:

- Does the diversity of OS activities make the researcher evaluation easier or more complicated ?



Let's talk about:

- Do you think the responses about the institutional OS policies reflect the reality, in general? In your context?



Let's talk about:

- Some respondents said:
 - * « OS should be an ethical principle for an ethical researcher, the way to do it is one's own reward,
 - *... do not use monetary incentives as it perverts the system. »
- Do you think scientists can be motivated by “Good Science”, by « reputation/visibility » aspects or the tangible, monetary-based rewards should be the main driver for OS adoption?



Let's talk about:

- The responses show that the existence of OS policies was more frequently present than a reward policy for such activities,
- What are the reasons for this situation according to you?
Example of reasons :
 - You first have to implement something and then evaluate/reward it
 - You need more education on OS before rewarding it (both for scientists and for their evaluators) ?



Let's talk about:

- Do we need quantitative criteria/metrics or just qualitative ones to assess research?
 - in general
 - for OS activities



Let's talk about:

- Respondents had different number of years of experience
- Do you think rewarding OS activities has to be the same all along the career or should such activities be particularly promoted through rewards at certain steps of the career to foster OS adoption?



Let's talk about:

- Research is often international, multi-institutional and multidisciplinary.
Do you think that the rewarding systems for OS activities should be organised on institutional / disciplinary levels or be more harmonised? And is the later possible in your view?



Thank you for your participation!

RDA-SHARC “Reco subgroup”:

Laurence Mabile <laurence.mabile@univ-tlse3.fr>

Florenca Grattarola <grattarola@fzp.czu.cz>

Shmagun Hanna <hanna.shmagun@kisti.re.kr>

Anne Cambon-thomsen <anne.cambon-thomsen@univ-tlse3.fr>

Mogens Thomsen <mogens.thomsen@univ-tlse3.fr>

Christopher Erdmann <CErdmann@agu.org>

You're
welcome
to join us,
let us
know...

