



SCIENCE  
EUROPE  
Shaping the future of research

# STRATEGIC APPROACHES TO AND RESEARCH ASSESSMENT OF OPEN SCIENCE



JAMES MORRIS  
SCIENCE EUROPE

RETHINKING RESEARCH ASSESSMENT  
INTERNATIONAL CONFERENCE

14 NOVEMBER 2024  
BUCHAREST, ROMANIA

01	 FWF Österreichischer Wissenschaftsfonds	02	 ÖAW ÖSTERREICHISCHE AKADEMIE DER WISSENSCHAFTEN	03	 fn's LA LIBRE DE CHERCHER	04	 fwo Research Foundation Flanders Opening new horizons
05	 HRZZ Croatian Science Foundation	06	 GAČR Přírodní vědecká organizace ČR	07	 INDEPENDENT RESEARCH FUND DENMARK	08	 Danmarks Grundforskningsfond Danish National Research Foundation
09	 Estonian Research Council	10	 Research Council of Finland	11	 anr agence nationale de la recherche	12	 DFG Deutsche Forschungsgemeinschaft German Research Foundation
13	 HUN-REN Hungarian Research Network	14		15	 rannis	16	 HRB Health Research Board
17	 IRISH RESEARCH COUNCIL An Chomhairle um Theaghlód na Éire	18	 sfi Science Finland Wellness For which we live?	19	 INFN Istituto Nazionale di Fisica Nucleare	20	
21	 Lietuvos mokslo taryba	22		23	 NWO	24	
25	 FNP Foundation for Polish Science	26		27	 fct Fundação para a Ciência e a Tecnologia	28	
29	 Science Fund of the Republic of Serbia	30		31		32	
33	 CSIC Consejo Superior de Investigaciones Científicas	34	 icr Istituto di Studi Carlotelli	35	 FORTE! Swedish Research Council for Health, Working Life and Welfare	36	
37	 Vetenskapsrådet	38		39		40	



-  RESEARCH FUNDING ORGANISATION
-  RESEARCH PERFORMING ORGANISATION



**29**  
countries

With members from 29 EU and non-EU countries and from all parts of Europe, we speak with a truly European voice.

**40**  
member  
organisations

Bringing together research funding and research performing organisations.

**25.1**  
bn €

Our members make a significant contribution to European scientific research and are crucial stakeholders in European science and research policy making.

 RESEARCH FUNDING ORGANISATION  
 RESEARCH PERFORMING ORGANISATION

# STRATEGIC PRIORITIES



**SHAPE EUROPEAN RESEARCH  
POLICY DEVELOPMENTS**



**CONTRIBUTE TO THE EVOLUTION  
OF RESEARCH CULTURE**



**STRENGTHEN THE ROLE AND CONTRIBUTION  
OF SCIENCE IN TACKLING SOCIETAL CHALLENGES**



# THE EVOLUTION OF RESEARCH CULTURES

Ensuring that values at the heart of our research systems are reflected in policies and practices.



# THE EVOLUTION OF RESEARCH CULTURES

**Research and  
Innovation  
Careers  
Observatory**

Bringing research  
policy topics together  
to promote healthy  
and effective research  
cultures.



**DIAMOND  
OPEN ACCESS**

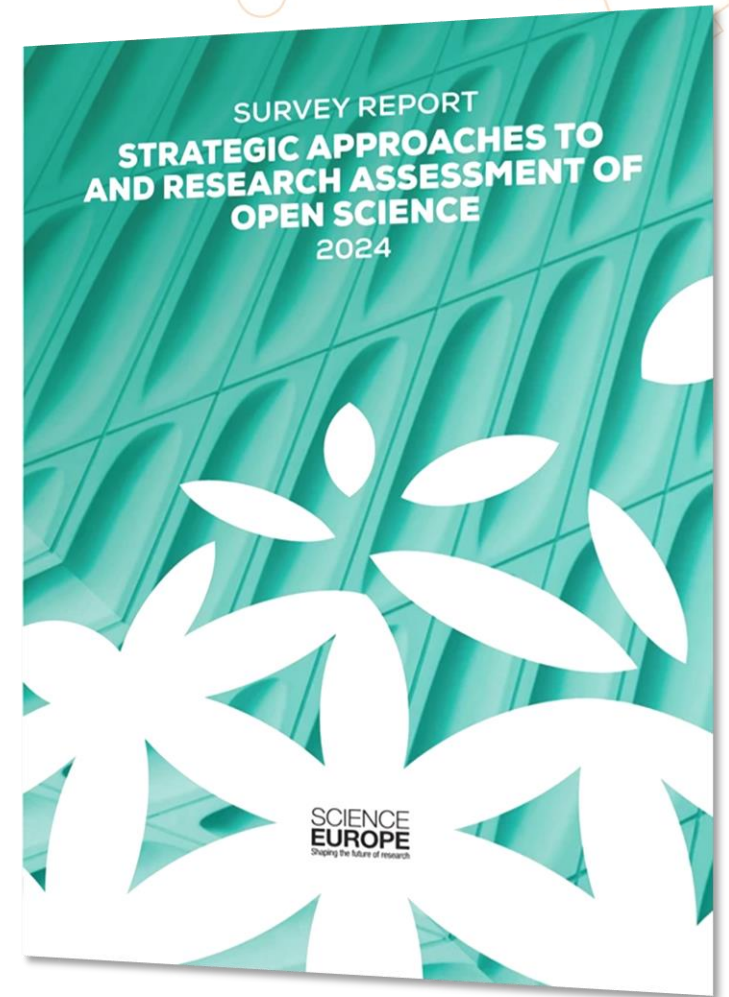
# THE EVOLUTION OF RESEARCH CULTURES

All in support of the quality and impact of research.



# SCIENCE EUROPE SURVEY

A descriptive analysis of the role that public research funding and performing organisations in Europe play in the shifting landscape of open science and research assessment reform.

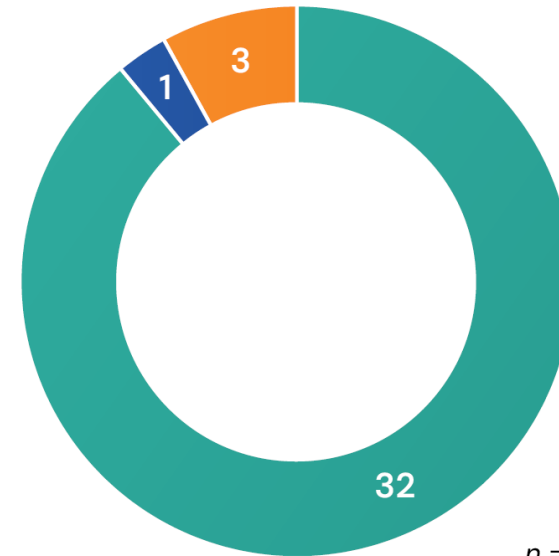




# SNAPSHOT OF RESULTS

- Survey sent to all 40 Science Europe Member Organisations on **31 March 2024** and closed on **10 June 2024**.
- **36 of 40 organisations** responded in full. Response rate well-balanced according to organisation type (in proportion to Science Europe membership), geographic location, and organisation size.
- Survey designed for both Research Funding Organisations and Research Performing Organisations.

Which of the following best describes your organisation?



- A research funding organisation (RFO)
- A research performing organisation (RPO)
- A research funding and performing organisation (RFO+RPO)

# Strategic Approaches

Strategic Approaches to and Research Assessment of Open Science

## Does your organisation follow a documented strategic approach on open science or any of its elements?

Yes, my organisation has an open science policy (or policies on one or more elements of open science)

26

Yes, my organisation follows a national or regional open science policy (or policies on one or more elements of open science)

25

Yes, open science is part of my organisation's mission, strategy, or vision documents

22

Yes, my organisation follows an international policy

17

No, but we plan to in the future

1

No, and we currently do not have plans to

0%

25%

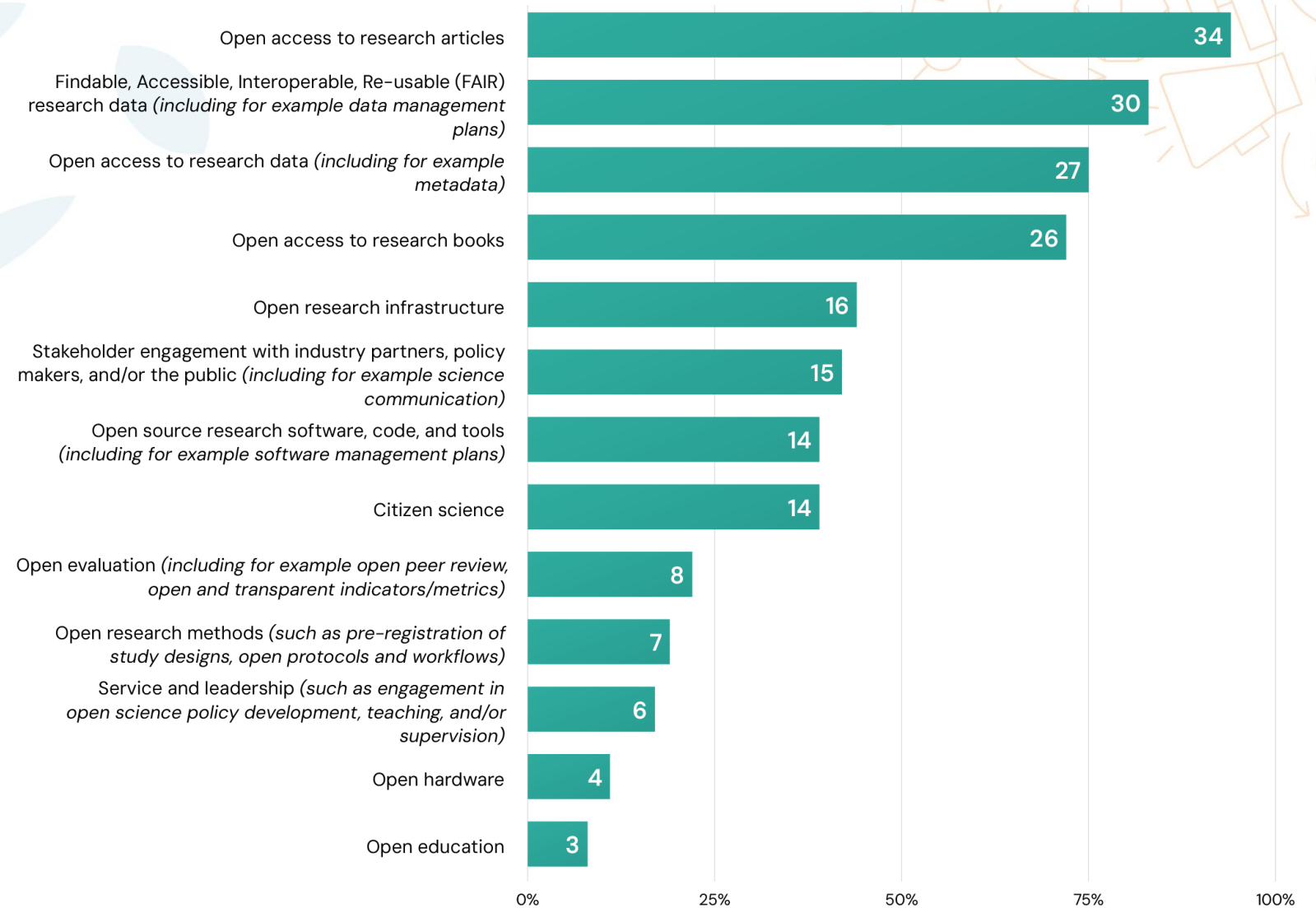
50%

75%

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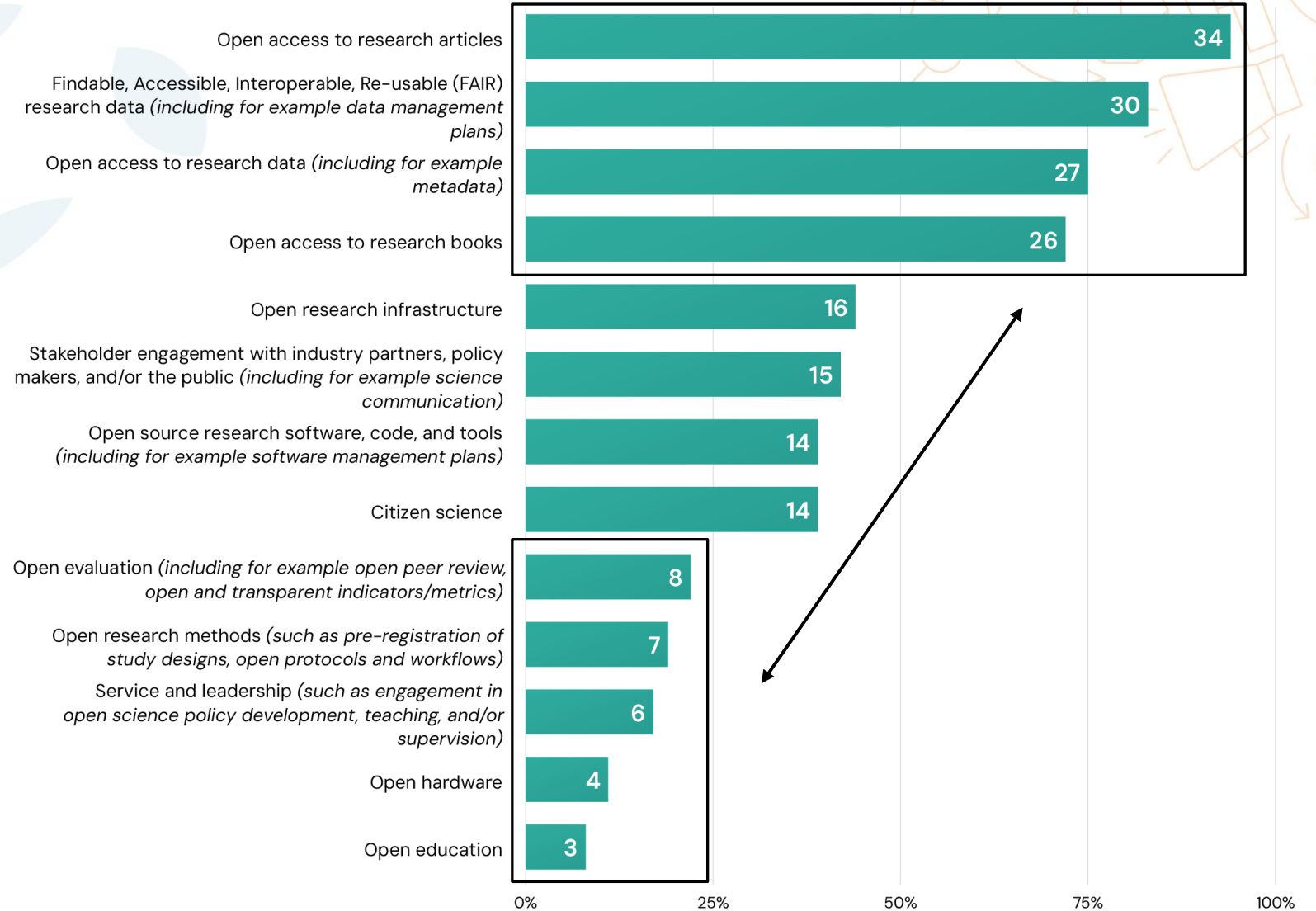
n = 36

## Which elements of open science are part of the documented strategic approach followed by your organisation?



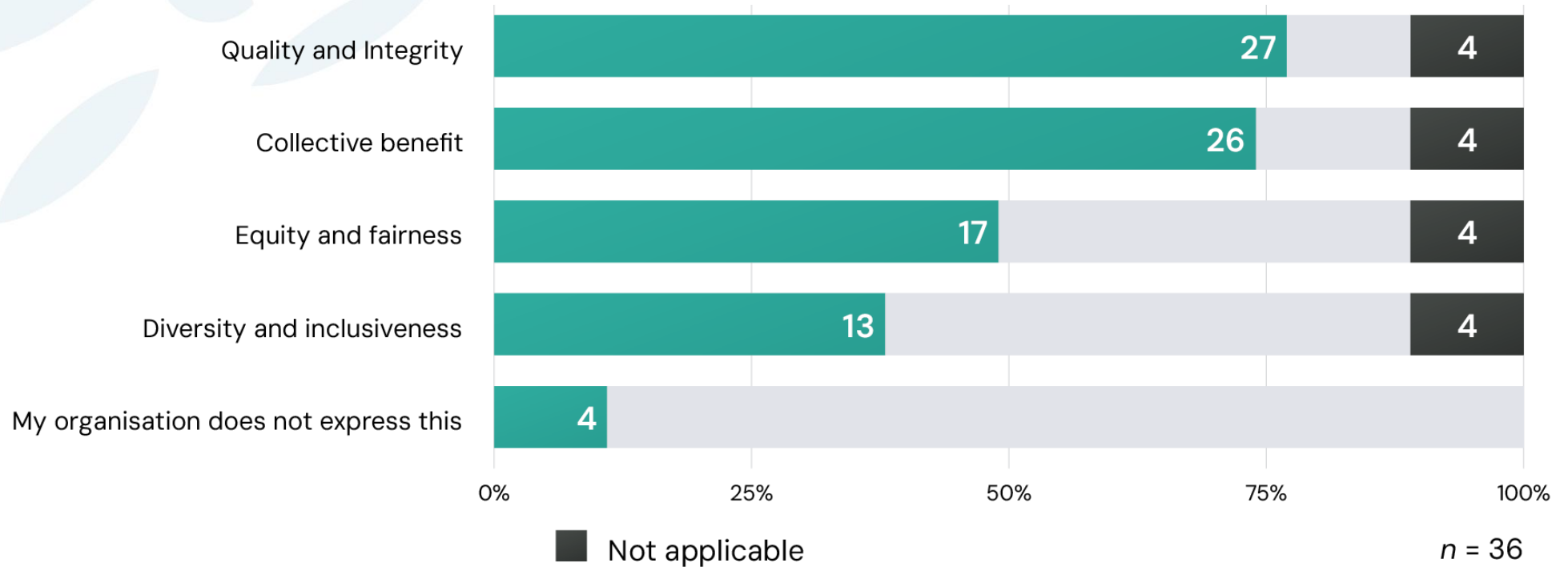
n = 36

# Which elements of open science are part of the documented strategic approach followed by your organisation?



n = 36

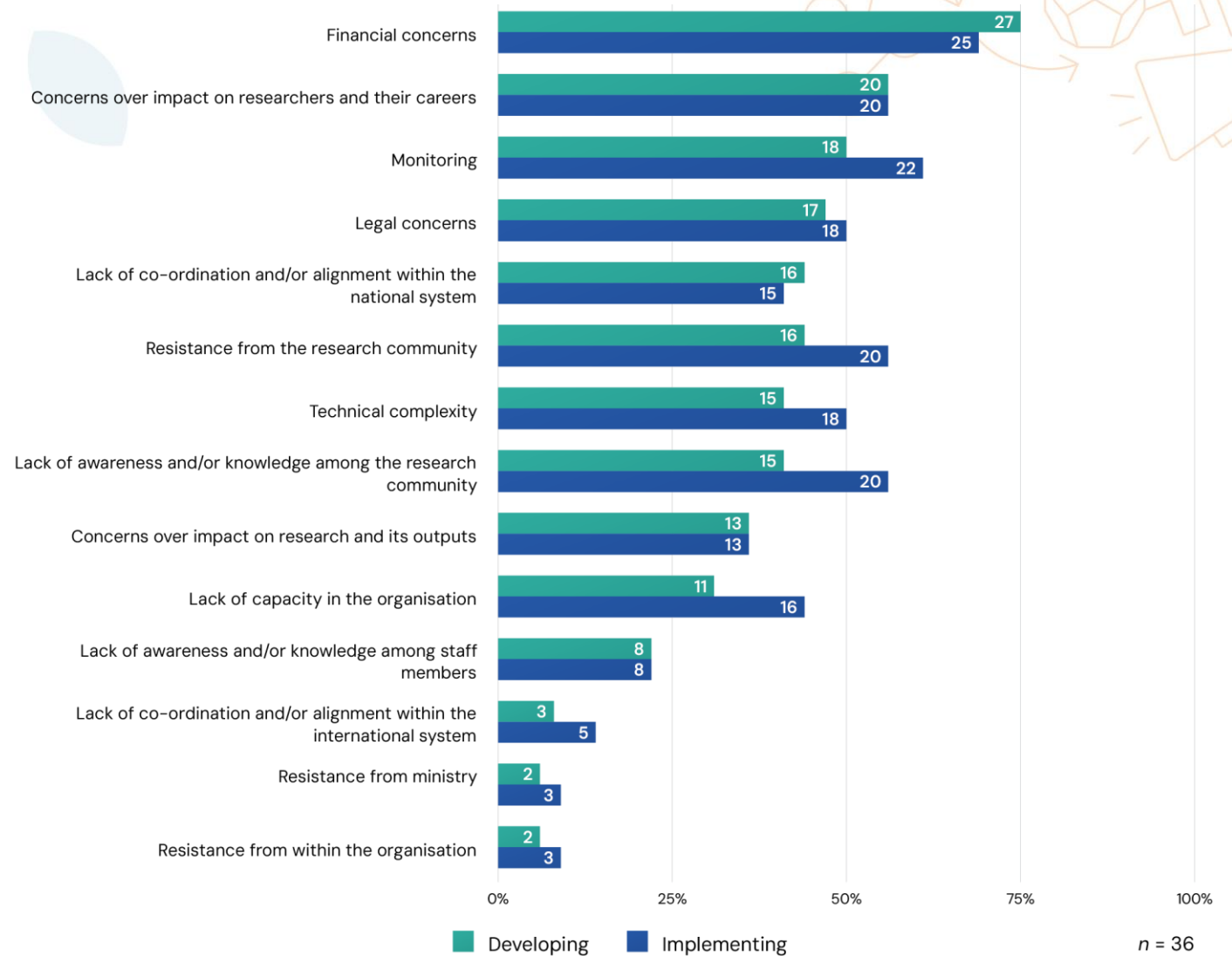
## According to its documented strategic approach, does your organisation express open science to be beneficial for the following values?



## What and/or who are the primary drivers for your organisation's strategic approach to open science?



## What are the main challenges your organisation faces when **developing** and **implementing** a strategic approach to Open Science?



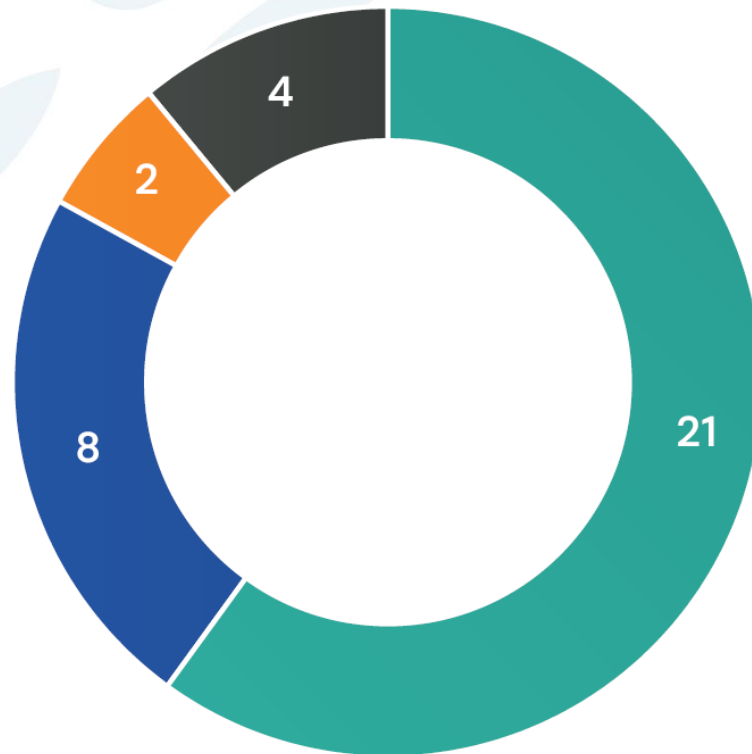


# Research Assessment

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Strategic Approaches to and Research Assessment of Open Science

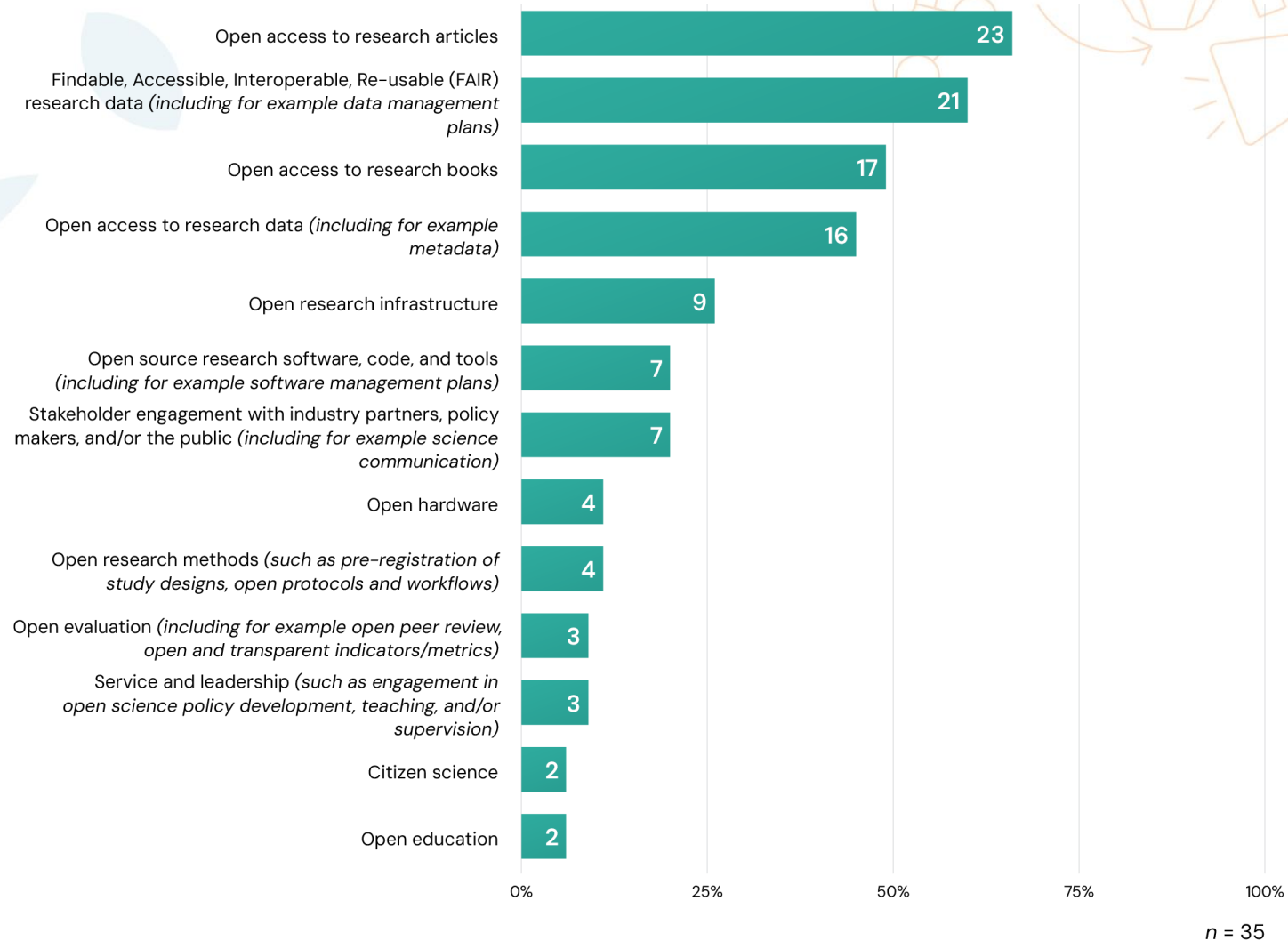
## Does your organisation currently include Open Science or any of its elements as part of its funding requirements for funded projects?



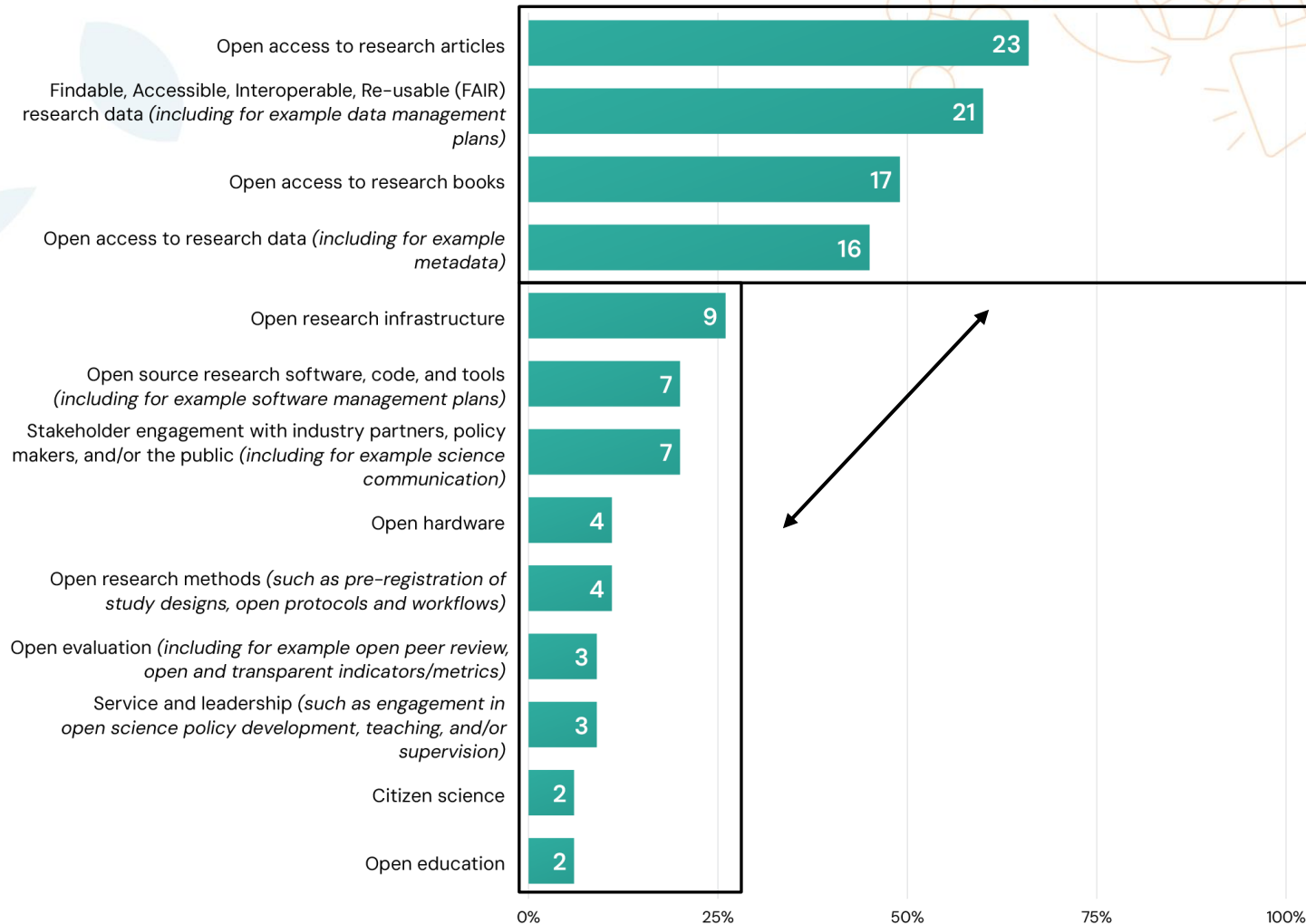
- Yes, for all funding programmes
- Yes, for some funding programmes
- No, but we plan to add this in the future
- No, and we currently do not have plans to do so

$n = 35$

## Which of the following elements of open science does your organisation include as part of its funding requirements for funded projects?

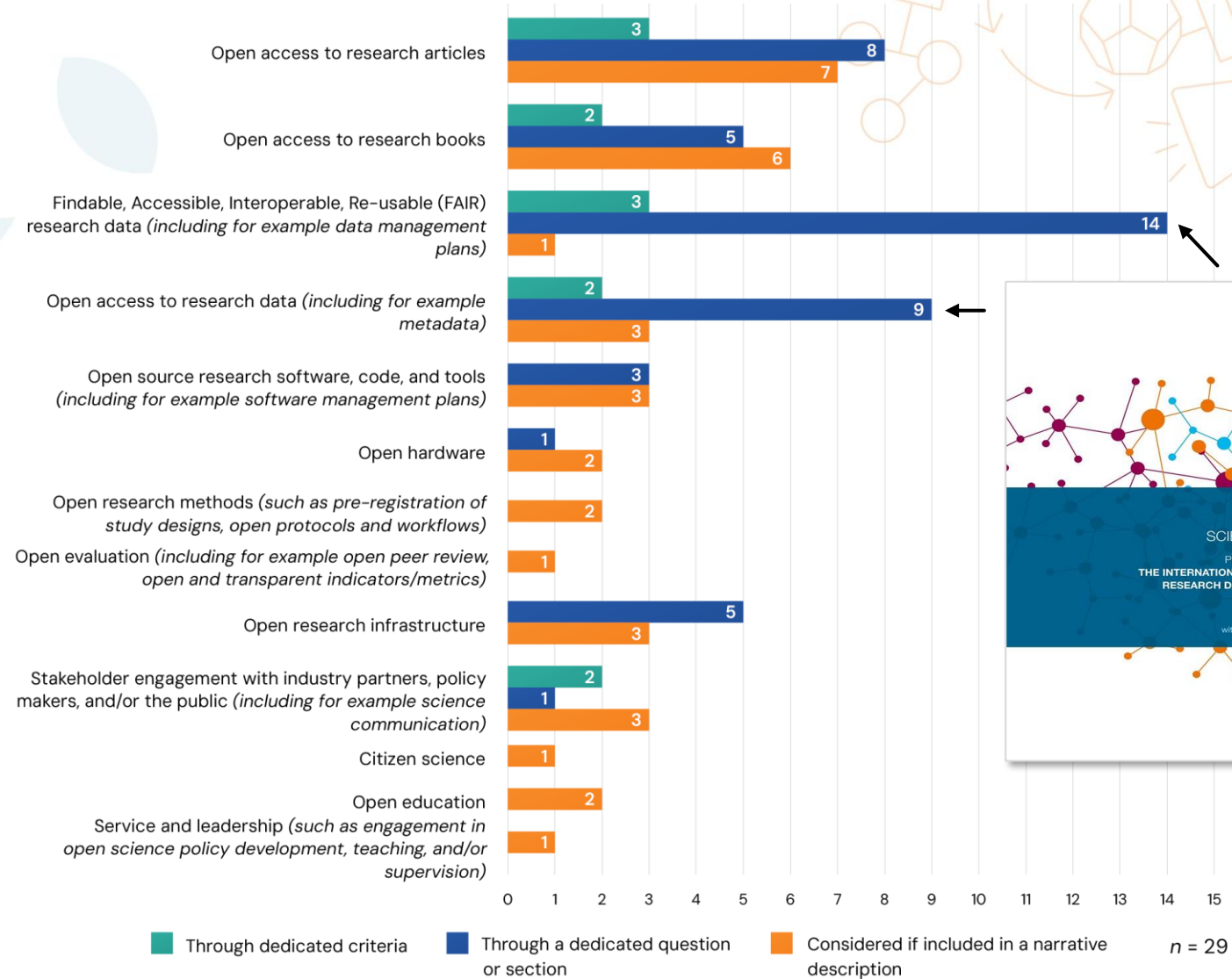


# Which of the following elements of open science does your organisation include as part of its funding requirements for funded projects?

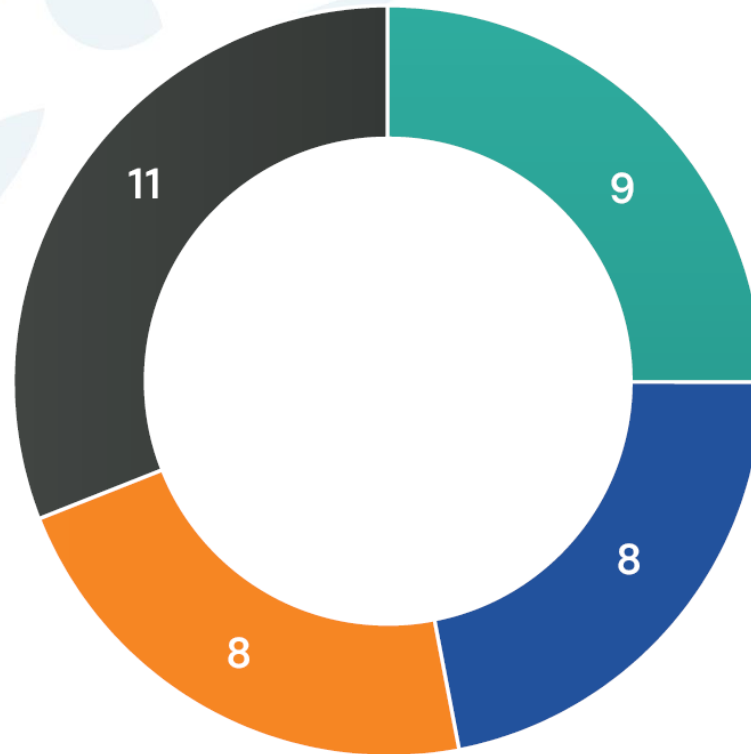


n = 35

For elements of Open Science included as part of funding requirements for funded projects, what is the main way in which information is collected at application stage?



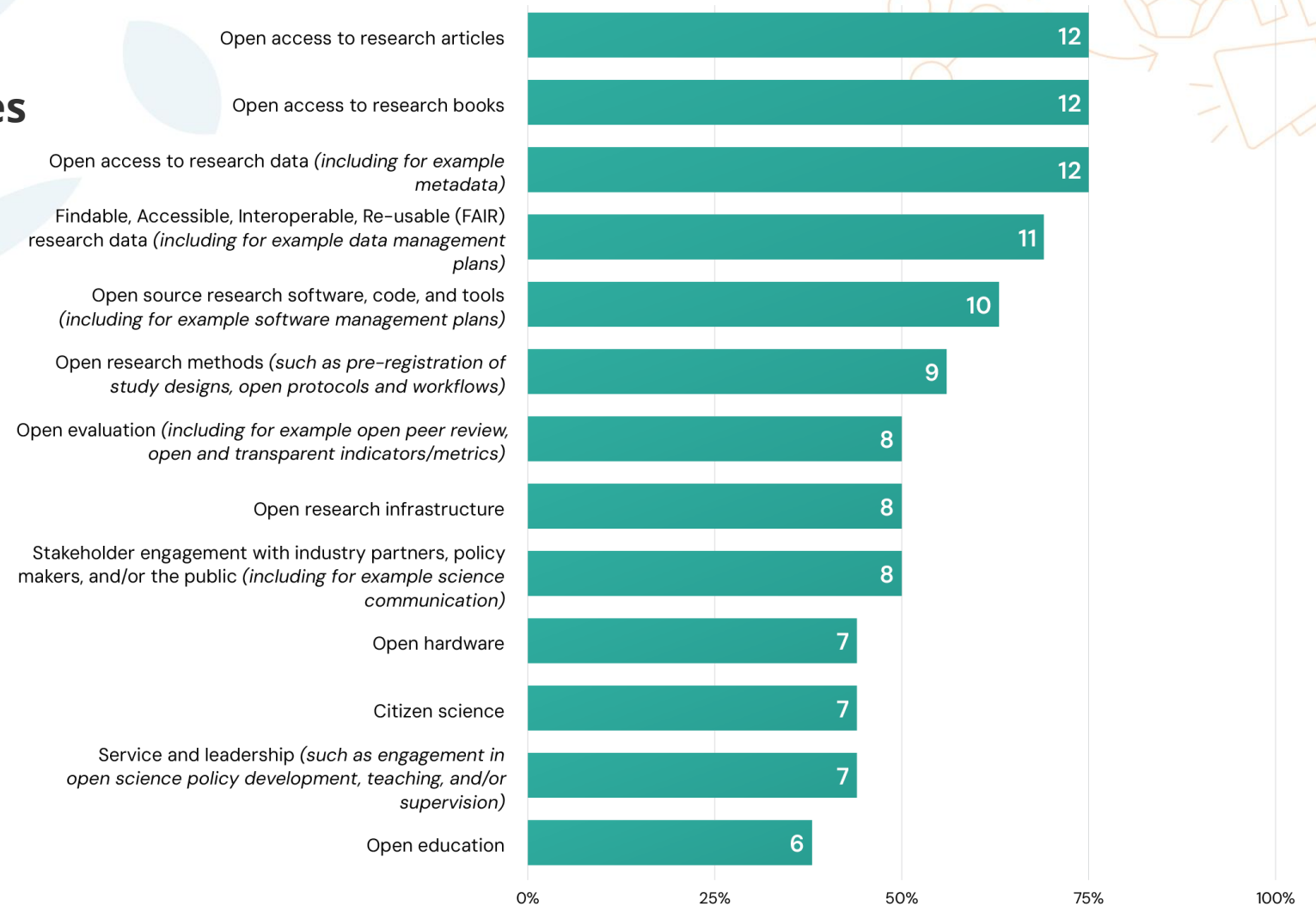
## Does your organisation currently recognise elements of Open Science in its researcher recognition processes?



- Yes, for all funding programmes or career progression exercises
- Yes, for some funding programmes or career progression exercises
- No, but we plan to add this in the future
- No, and we currently do not have plans to do so

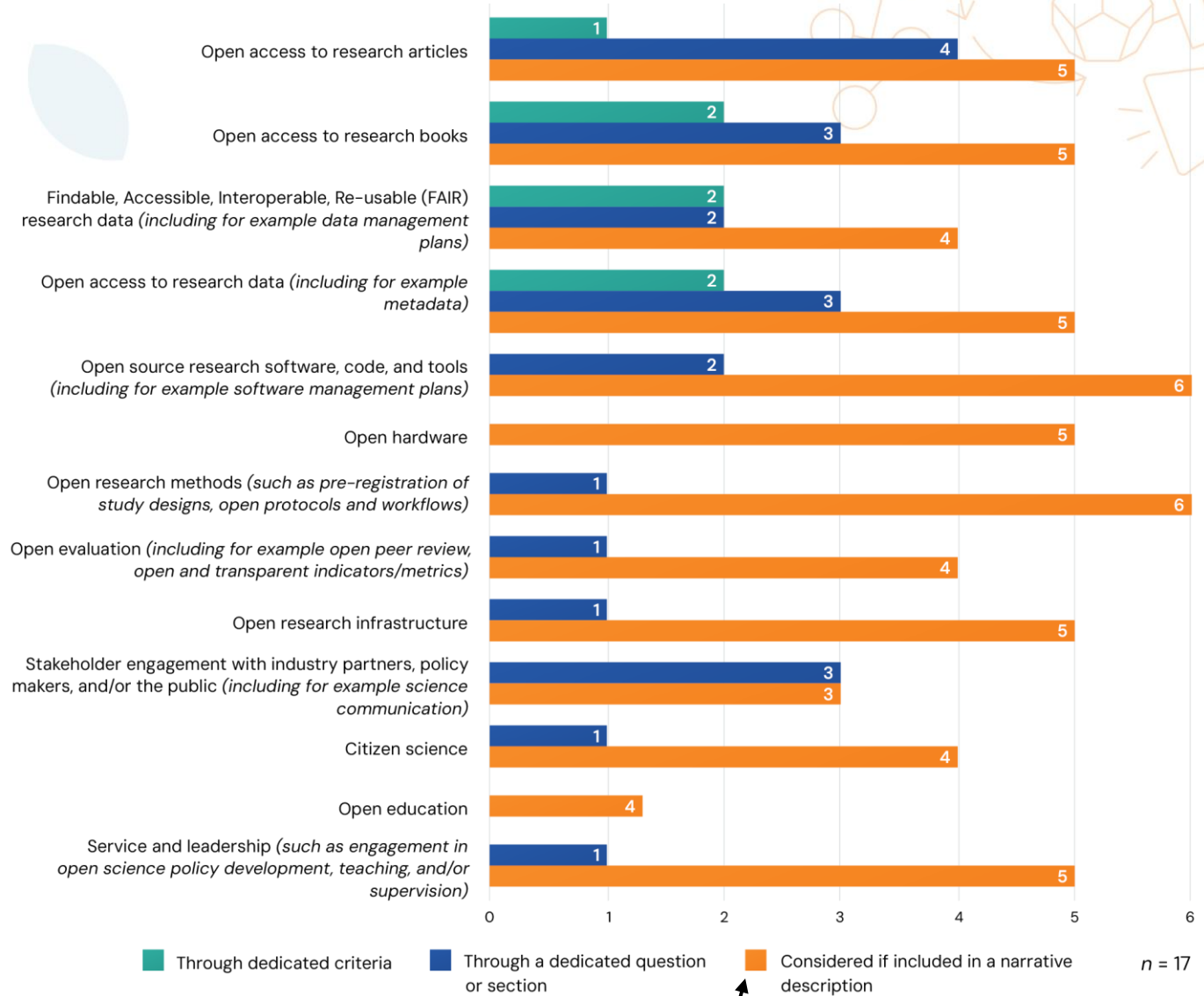
$n = 35$

# Which of the following elements of Open Science does your organisation recognise in its process(es) for researcher recognition?



n = 16

# For elements of Open Science recognised in process(es) for researcher recognition, what is the main way in which information is collected?



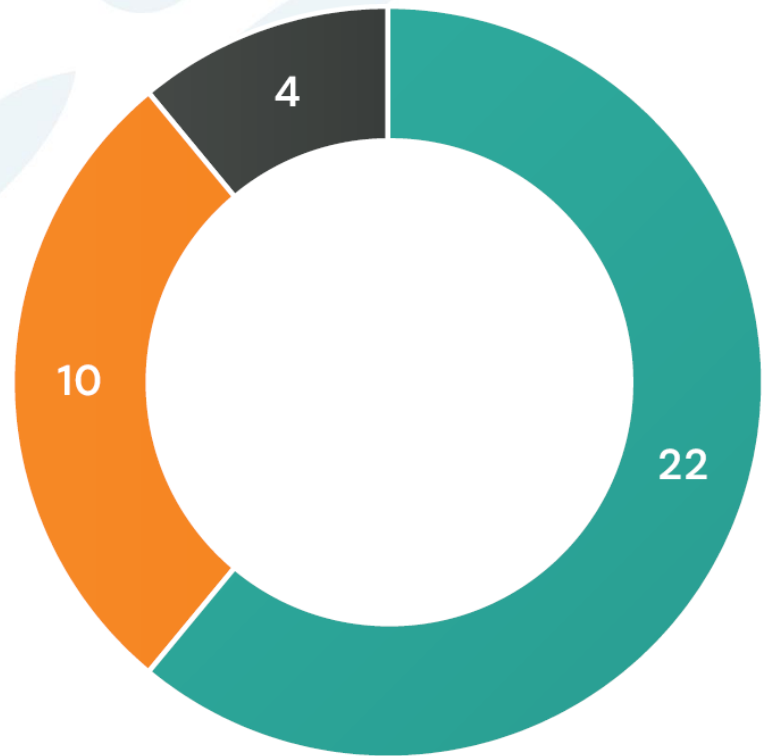


# Open Science Monitoring

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Strategic Approaches to and Research Assessment of Open Science

Does your organisation have an open science monitoring mechanism in place for research outputs emanating from its funding and/or research outputs produced by affiliated researchers?



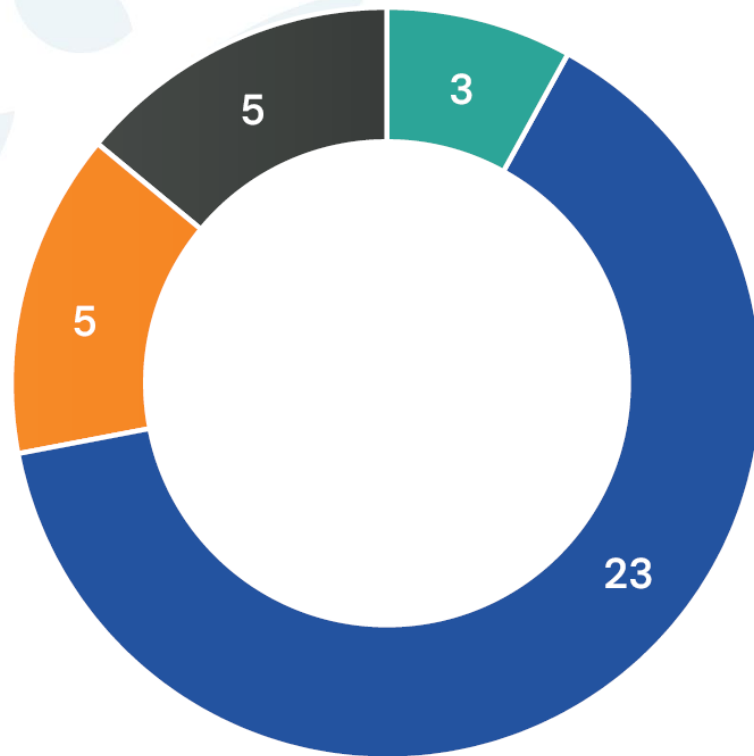
Yes

No, but we plan to develop one in the future

No, and we do not have plans to develop one

*n* = 36

## Does your organisation make openly available the research information it produces?



- Yes, all research information
- Yes, some research information
- No, but we plan to do so in the future
- No, and we do not have plans to do so

$n = 36$

# Next steps

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Strategic Approaches to and Research Assessment of Open Science

# THE WIDER PROJECT

To develop a more comprehensive understanding of the roles played by research funding and performing organisations in advancing open science, and its links to research assessment and research cultures:

- A series of **member workshops** will delve deeper into the survey results, allowing for a more detailed exploration of the nuanced and complex aspects of the findings. The workshops will take place in the first half of 2025.
- A **tender for information** will be launched shortly. It will aim to further develop the survey results by mapping the broader academic research landscape and linking it to the survey outcomes, focussing on the intersection between open science and research culture evolution. A report will be published in October 2025.



# Annex

## Survey on Approaches to, and Research Assessment of, Open Science

### Introduction

Science Europe is organising a membership survey on the strategic approaches to, and implementation of open science by its Member Organisations. This initiative will provide a clear and comprehensive insight into the strategies and policies for open science, as well as research assessment, monitoring, and evidence gathering of open science. The results will be invaluable for public research funding and performing organisations in Europe and beyond, while also highlighting to other actors their role in fostering an open research culture.

The results of the survey will be invaluable to public research funding and performing organisations, who can use it as a tool to share experiences, compare practices internationally, and further refine their individual and collective approaches. They will also offer unique information for discussions at the policy level in Europe (and beyond), notably in CoARA and the research culture and Open Science communities. Finally, they will also highlight to other actors their role in fostering an open research culture.

Open science (also referred to as open research) is defined as the comprehensive ambition to make research knowledge openly available, accessible, and reusable for everyone. For the purposes of this survey, this means that open science includes, but is not limited to a wide range of policies and research practices like open access to research outputs (publications, data, software, ...), open research methods, open evaluation, engagement with society, citizen science, open education, and so on.

The survey questions are designed to be relevant to both research funding and performing member organisations of Science Europe, splitting where necessary the survey according to organisation type.

### General Information

- \* Your name
- \* First name
- \* Last name
- \* What is your job title?
- \* What is your email address?
- \* Which Science Europe Member Organisation do you represent?
- \* Which of the following best describes your organisation?
  - A research funding organisation (RFO)
  - A research performing organisation (RPO)
  - A research funding and performing organisation (RFO+RPO)

### Strategic Approaches to Open Science

How is open science approached strategically by your organisation? This first part of the survey asks about documented strategic approaches on open science (or any of its elements) and explores the underlying values, goals, drivers, and challenges of those approaches.

- \* Does your organisation follow a documented strategic approach on open science or any of its elements?

*In the next question you will be able to further specify the elements of open science that are included in this approach.*

- Yes, open science is part of my organisation's mission, strategy, or vision documents
- Yes, my organisation has an open science policy (or policies on one or more elements of open science)
- Yes, my organisation follows a national or regional open science policy (or policies on one or more elements of open science)
- Yes, my organisation follows an international policy
- No, but we plan to in the future
- No, and we currently do not have plans to
- Other: \_\_\_\_\_

- \* **[IF RELEVANT]** You indicated that open science is part of your organisation's mission, strategy or vision documents. Please provide any clarifications, additional comments, or links to relevant documents related to this answer.

\_\_\_\_\_

- \* **[IF RELEVANT]** You indicated that your organisation has one or more policies on open science. Please provide any clarifications, additional comments, or links to relevant documents related to this answer.

\_\_\_\_\_

- \* **[IF RELEVANT]** You indicated that your organisation follows a national or regional policy on open science. Please provide any clarifications, additional comments, or links to relevant documents related to this answer.

\_\_\_\_\_

- \* **[IF RELEVANT]** You indicated that your organisation follows an international policy on open science. Please provide any clarifications, additional comments, or links to relevant documents related to this answer.

\_\_\_\_\_

- \* **[IF RELEVANT]** Which elements of open science are part of the documented strategic approach followed by your organisation?

- Open access to research articles
- Open access to research books
- Findable, Accessible, Interoperable, Re-usable (FAIR) research data (including for example data management plans)
- Open access to research data (including for example metadata)
- Open source research software, code, and tools (including for example software management plans)
- Open hardware
- Open research methods (such as pre-registration of study designs, open protocols and workflows)



# Thank you for your attention

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Science Europe  
Strategic Approaches to and Research Assessment of Open Science