oaswitchboard

central metadata exchange hub
### *a practical tool that thrives on collaboration*

Yvonne Campfens, Executive Director Stichting OA Switchboard

F.O.R.M. - FORUM for Open Research in MENA Access – 27 October 2022
PANEL 8: Moving to Open – How to Get Mobilised and Why

The OA Switchboard is a mission-driven, community led initiative designed to simplify the sharing of information between stakeholders about open access publications throughout the whole publication journey

for research institutions, libraries and consortia
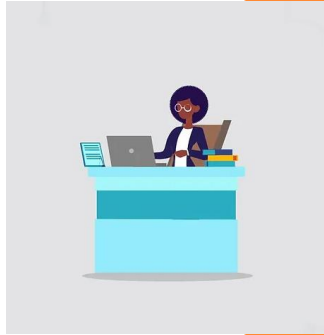
who want to:

connect with their research

and simplify their

workflows

👉 oaswitchboard/institutions

for academic publishers

who want to:

support a smooth and

compliant author journey

and report on OA

publication output

👉 oaswitchboard/publishers

for research funders

who want to:

demonstrate the extent

and impact of their

research funding and

deliver on their

commitment to OA

👉 oaswitchboard/funders

Global research ecosystem

Collaboration, open APIs and interoperability for a common purpose: *enable robust connections*

Building blocks (PIDs)

Providers

Individuals

Research outputs

Organisations

Research grants

Projects

Foundational building blocks (PIDs)

Foundational infrastructure & standards providers

Community driven not-for-profit initiatives provide core stability through open infrastructure

Global research ecosystem

Collaboration, open APIs and interoperability for a common purpose: *enable robust connections*

Building blocks (PIDs)

Providers

RINGGOLD

isni

RAiD

ROR

iD

doi

Individuals

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Jisc

NISO

COUNTER

ORCiD

DOAJ

oaswitchboard

DataCite

ROR registry
ROR

Crossref

Community driven not-for-profit initiatives provide core stability through open infrastructure

Foundational building blocks (PIDs)

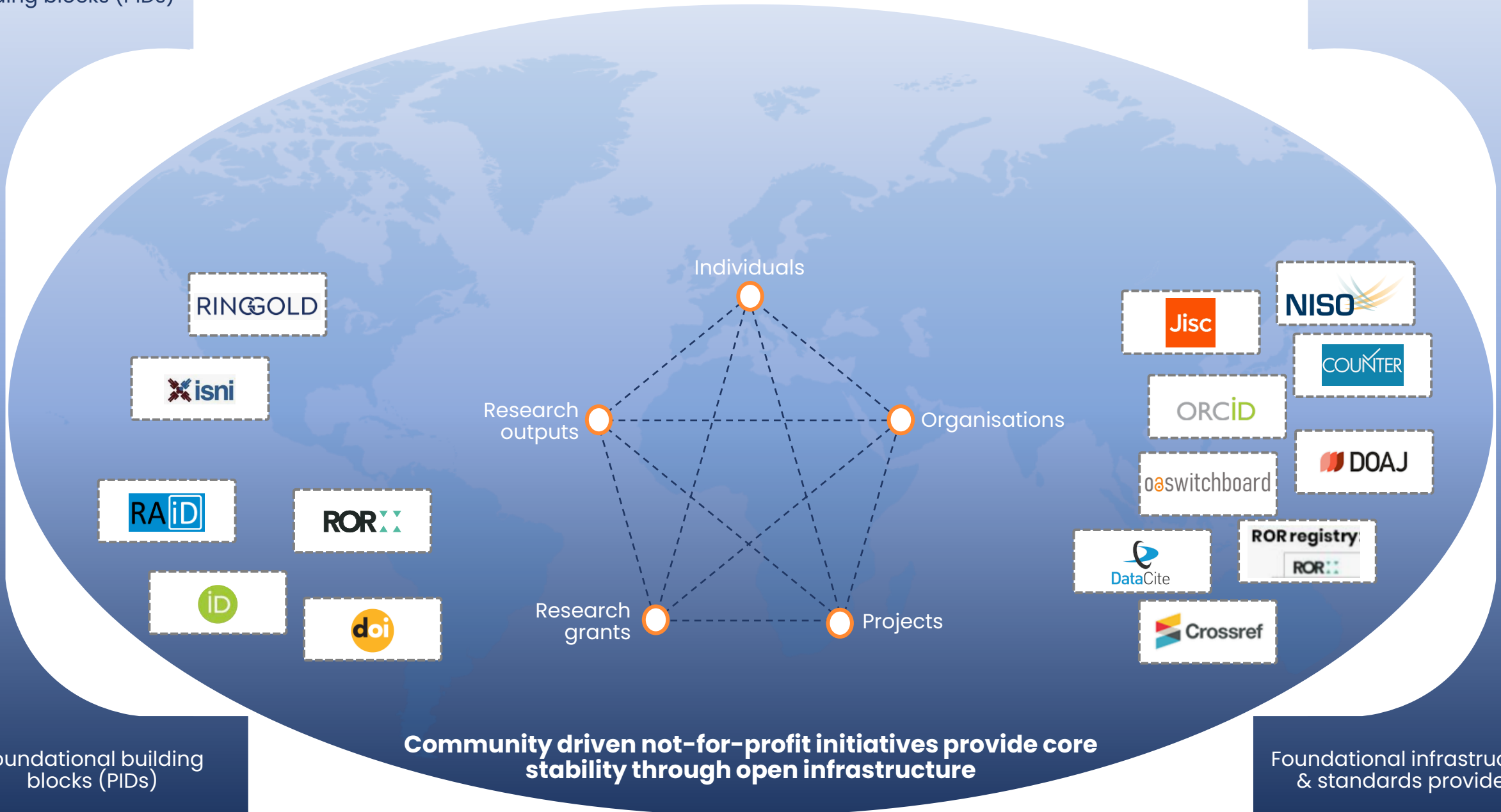Foundational infrastructure & standards providers

Global research ecosystem

Collaboration, open APIs and interoperability for a common purpose: *enable robust connections*
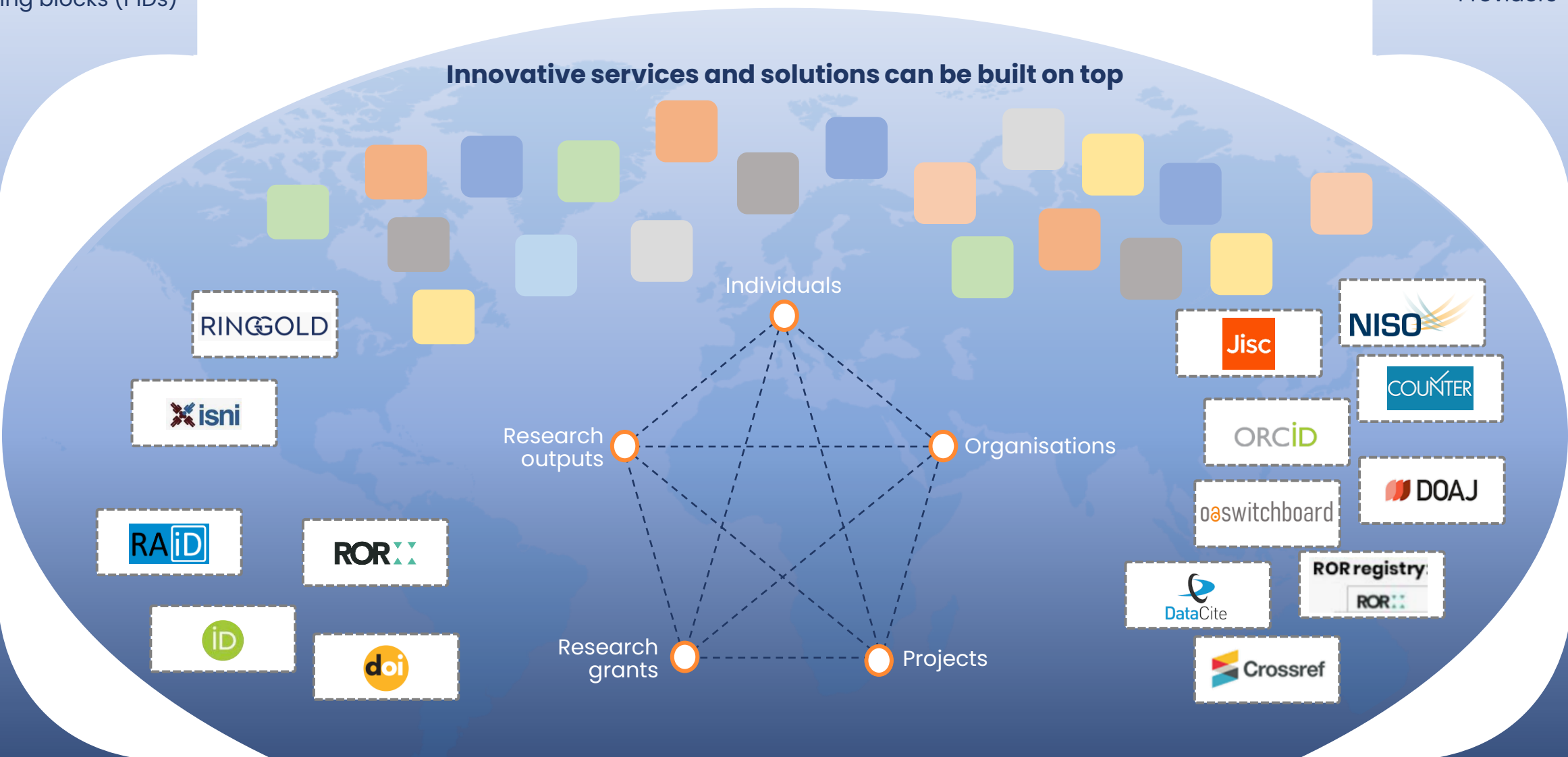
Building blocks (PIDs)

Providers

Innovative services and solutions can be built on top

More or less support for the FAIR principles
(Findable, Accessible, Interoperable, Reusable)

More or less providing a core function or service to all, and
more or less support for POSI

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Community driven not-for-profit initiatives provide core
stability through open infrastructure

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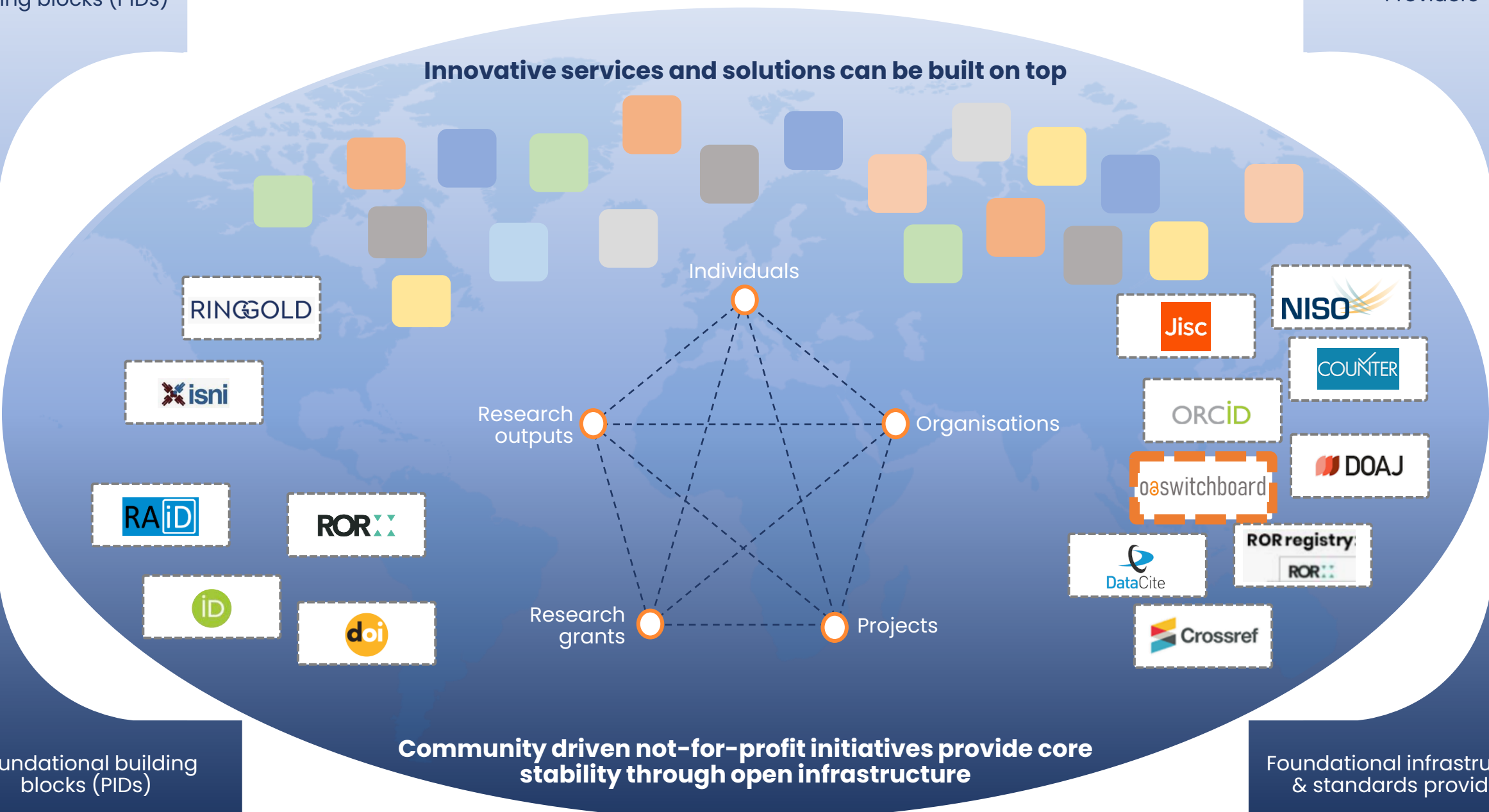
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Community driven not-for-profit initiatives provide core stability through open infrastructure

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Foundational infrastructure & standards providers

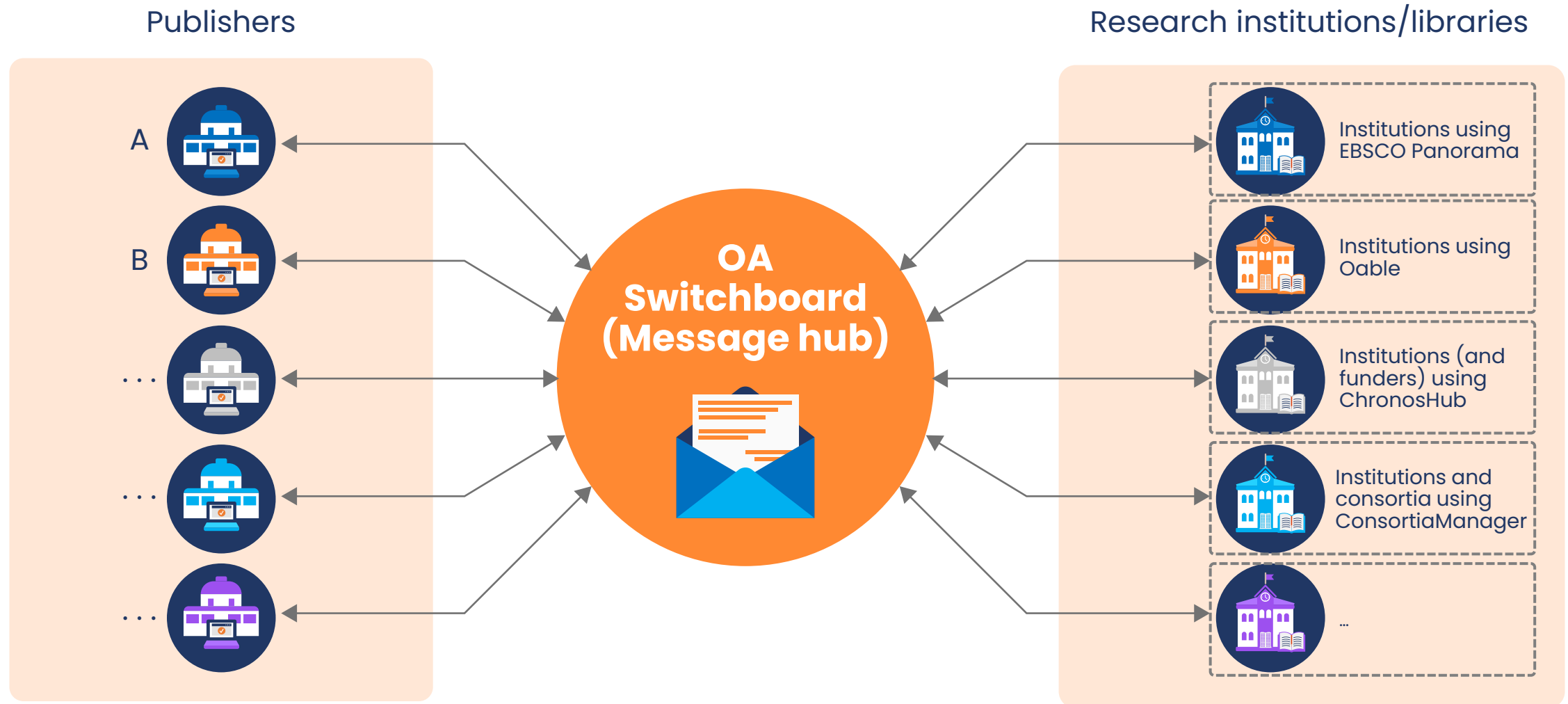# OA Switchboard: central metadata exchange hub

It provides a standardised messaging protocol and shared infrastructure.
It is built by and for the people who use it, and is leveraged with existing PIDs.
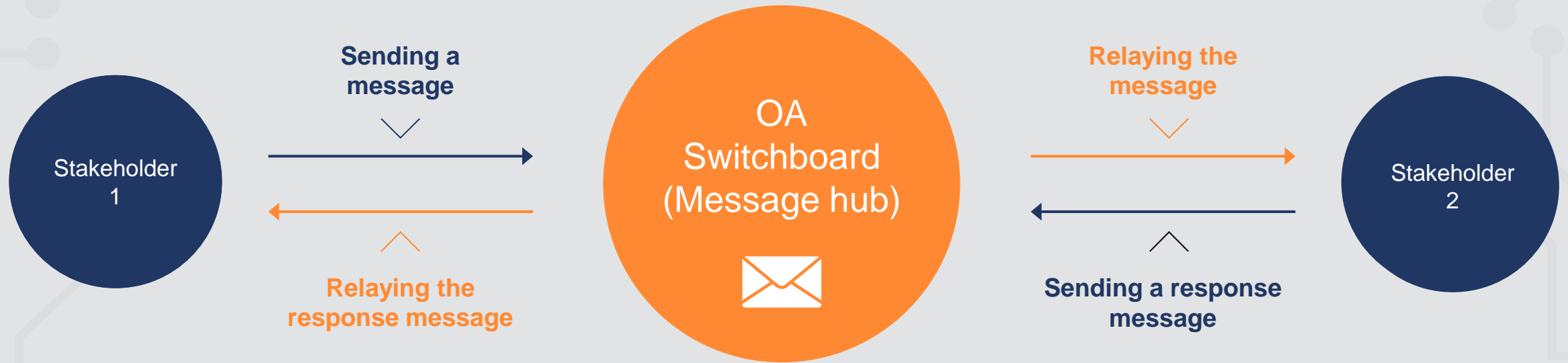
The OA Switchboard simplifies many-to-many relationships.
The power of an intermediary: efficiency and cost savings.

Publishers

Research institutions/libraries

A

B

...

...

...

OA
Switchboard
(Message hub)

1

2

...

...

...
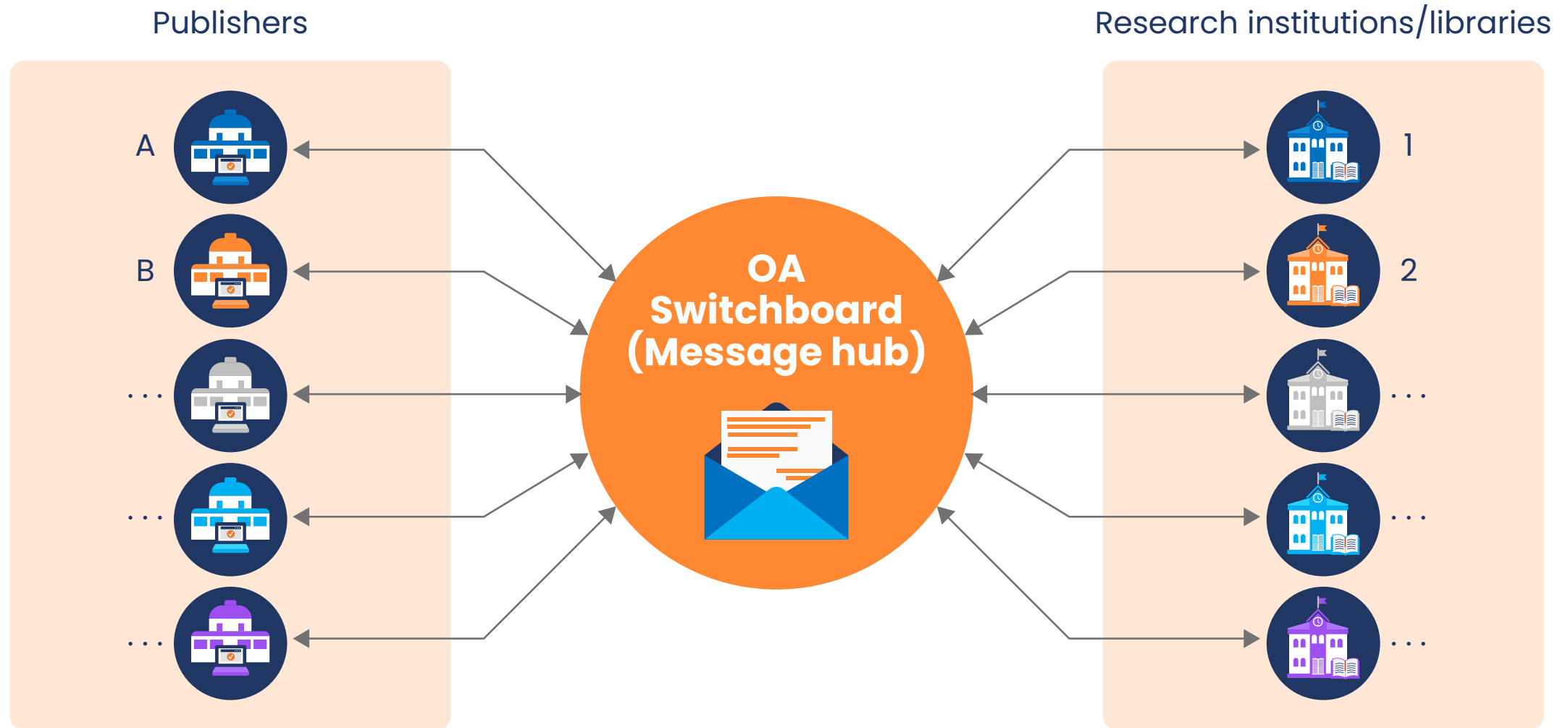
The OA Switchboard is complementary and supportive to the vendor systems offered to institutions. It is designed to operate and integrate with all stakeholder systems.

Publishers

A

B

...

...

...

OA Switchboard (Message hub)

Research institutions/libraries

Institutions using EBSCO Panorama

Institutions using Oable

Institutions (and funders) using ChronosHub

Institutions and consortia using ConsortiaManager

...

for research institutions, libraries and consortia

who want to:

connect with their research and simplify their workflows

As an intermediary, the OA Switchboard simplifies the sharing of information between publishers, institutions and funders, and it provides a safe space for publication metadata.

We currently support two use cases:

1. Reporting Made Easy
2. Matching Publication Costs with Publication Funds

Discover our Resources for institutions and get inspired by participants' Cases, Testimonials and Interviews

☞ oaswitchboard/institutions

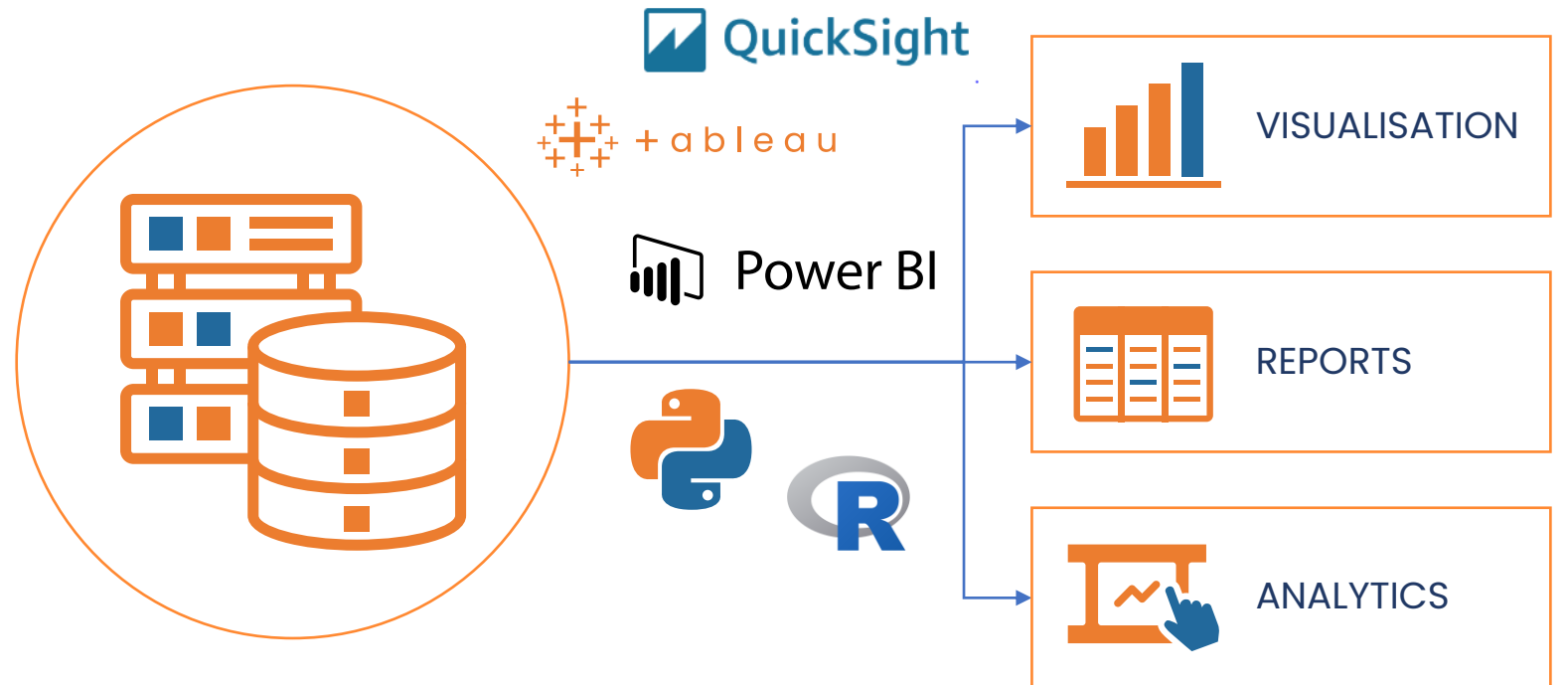# Standardised 'messaging' protocol in JSON
Rich and granular data can be fed automatically into own or 3rd party systems or data hubs

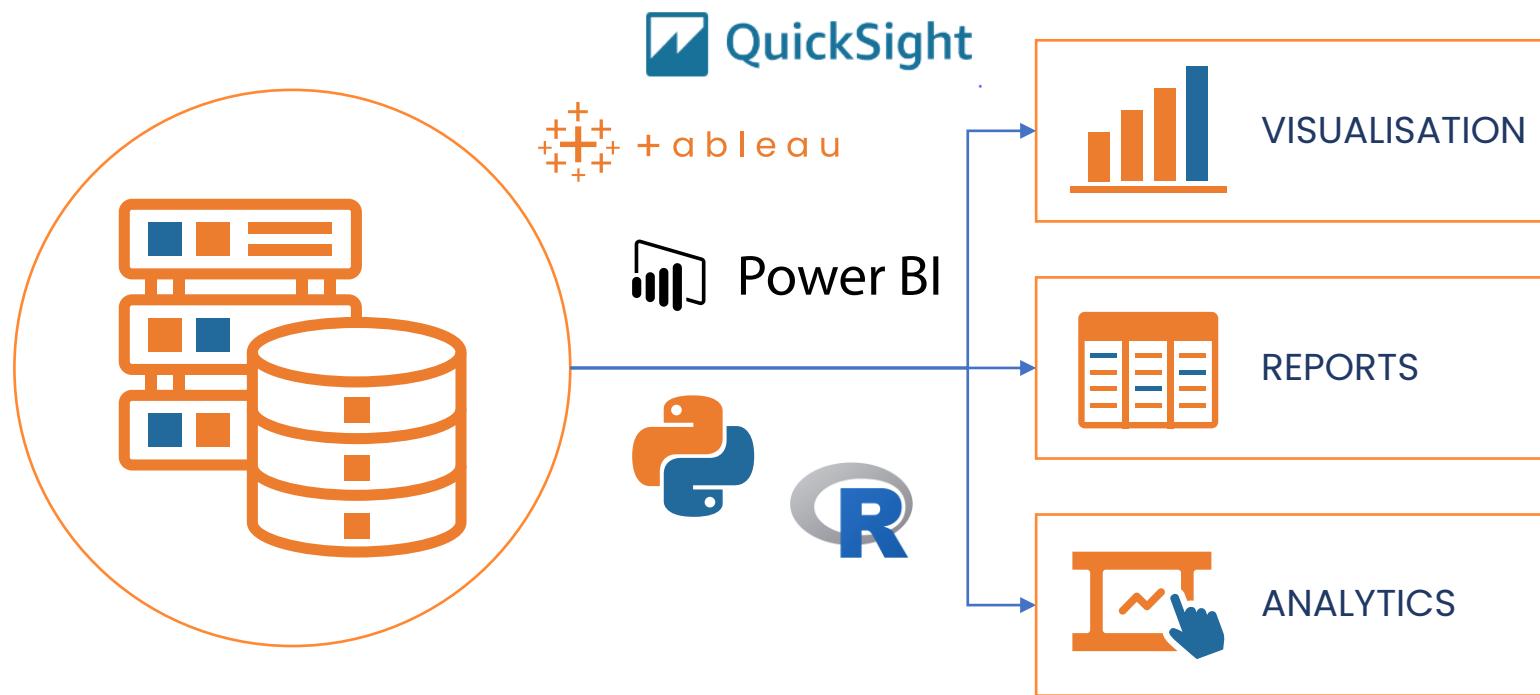## Author(s) metadata (JSON)

```
"authors": [
    {
        "isCorrespondingAuthor": false,
        "firstName": "Zack",
        "lastName": "Zest",
        "initials": "Z.",
        "email": "zack@uni.edu",
        "listingorder": 1,
        "affiliation": "Department of Plant biology, Maastricht University",
        "institutions": [
            {
                "name": "Maastricht University",
                "ror": "https://ror.org/02jz4aj89"
            },
            {
                "name": "Royal Conservatory of Brussels",
                "ror": "https://ror.org/033wswd35"
            }
        ],
        "currentaddress": [
            {
                "name": "Vrije Universiteit Brussel",
                "ror": "https://ror.org/006e5kg04"
            }
        ],
        "ORCID": "111"
    ],
        "creditroles": [
            "methodology"
        ],
        "collaboration": "NWO25"
    },
    {
        "firstName": "Yvette",
        "lastName": "Yale",
        "initials": "Y.Y.",
        "email": "Yvette@uni.org",
        "listingorder": 2,
        "isCorrespondingAuthor": true,
```

Publication metadata (JSON)

Charges metadata (JSON)

QuickSight

+ableau

Power BI

VISUALISATION

REPORTS

ANALYTICS

QuickSight

tableau

Power BI

VISUALISATION

REPORTS

ANALYTICS

Publisher's sending you standardised metadata via OA Switchboard ('Reporting Made Easy') enables:

- Monitoring publishing activity on a regular basis, justifying research strategies and directions, internal/external reporting.

- Negotiating and overseeing agreements with publishers, monitoring uptake, compliance and ROI, and allocating cost.

- Exploring OA strategies, policies and business models.

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