



ORCID

Connecting Research
and Researchers

ORCID: an introduction

ORCID DE workshop, 25th October 2016

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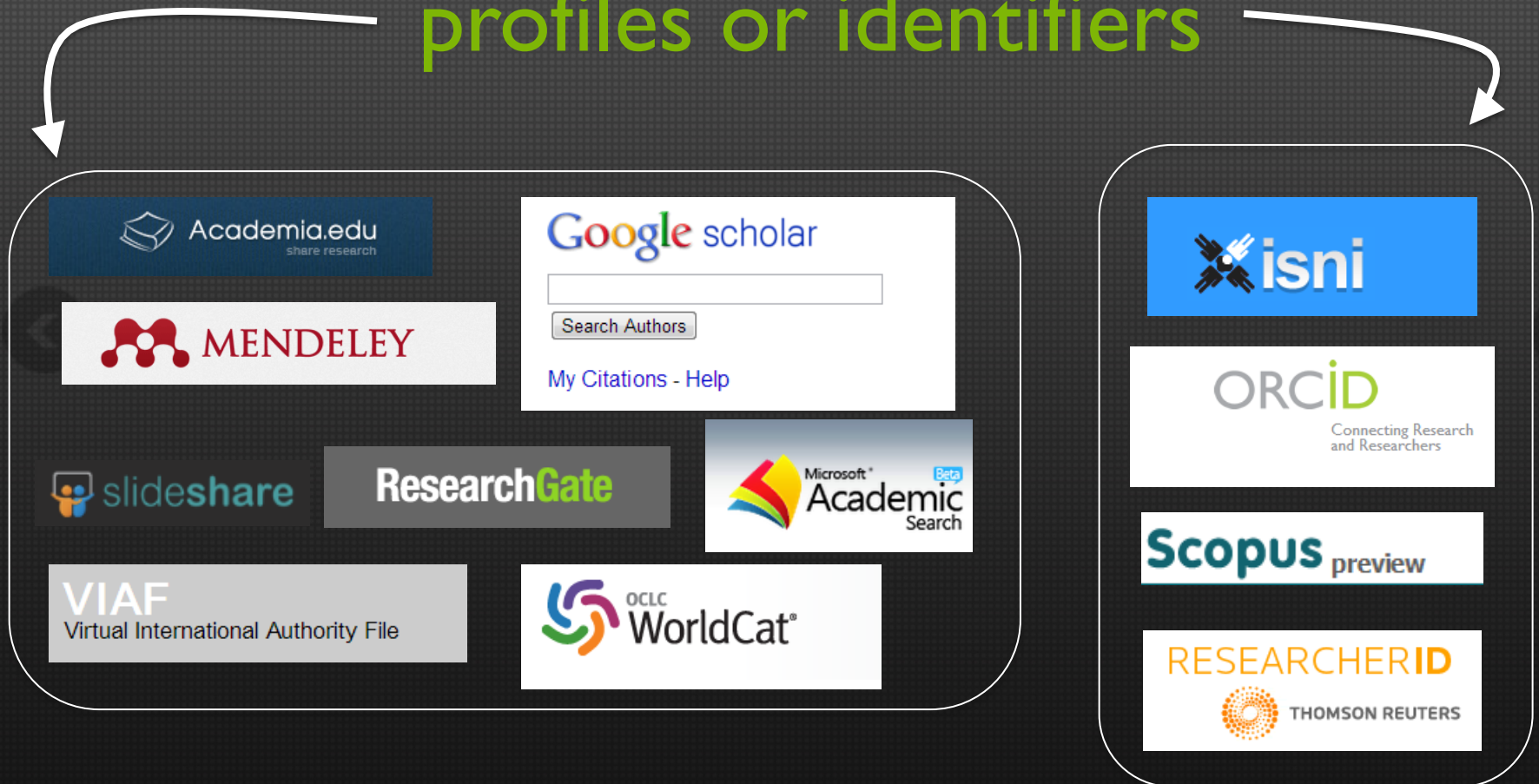
<http://orcid.org/0000-0002-8689-4935>



Why ORCID?



One researcher may have many profiles or identifiers





ORCID's vision is a world where
all who participate in research, scholarship, and
innovation are uniquely identified
and connected to their contributions and
affiliations across time, disciplines, and borders.



ORCID provides

- ✓ Plumbing for research information
- ✓ Tools to build trust in digital information



Persistent digital identifiers to distinguish researchers from each other



Member-built integrations that connect researchers and their activities/affiliations



A hub for synchronizing machine-readable connections between identifiers for people, organizations, and research activities



ORCID enables assertions



Organizations use ORCID APIs to authenticate, collect, display, and connect persistent identifiers for people, places, and things in research workflows





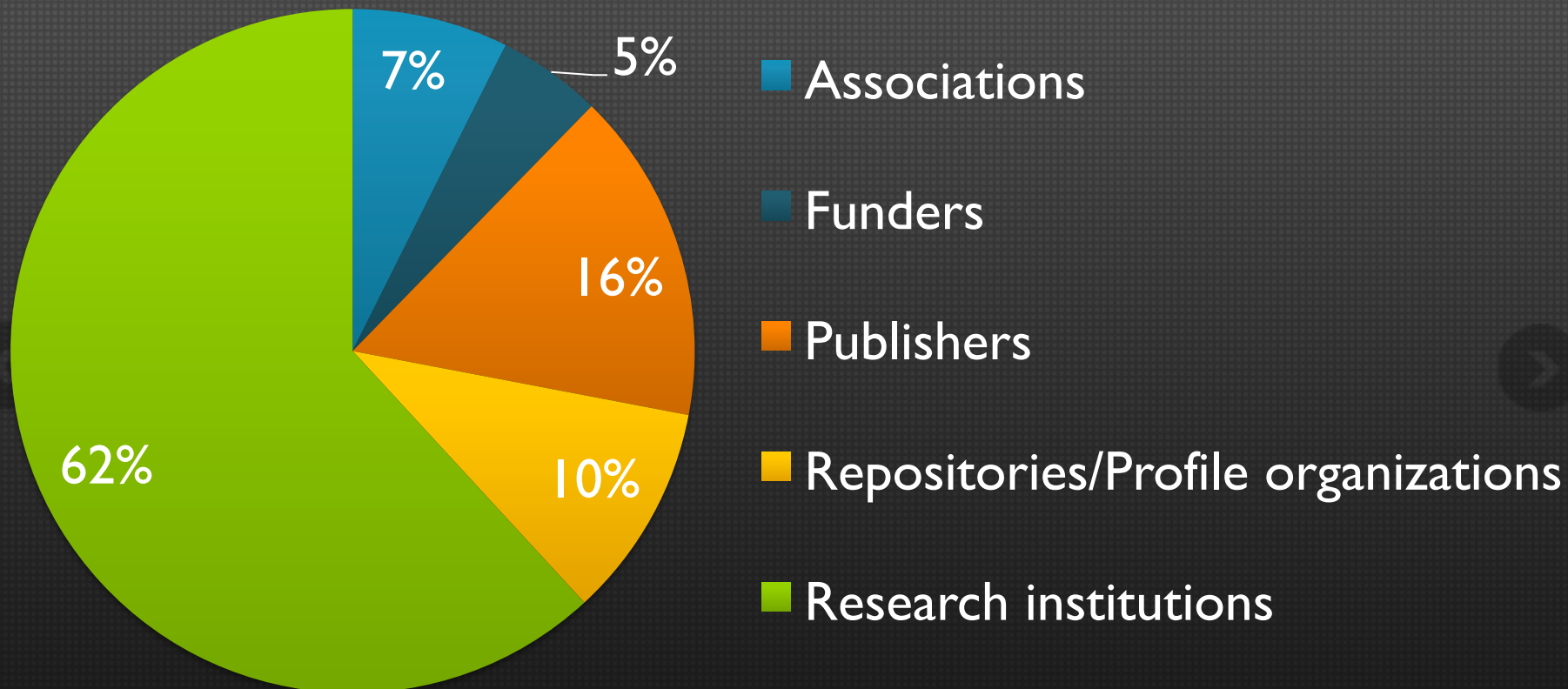
ORCID is Open

- Non-proprietary and platform-neutral
- International service that integrates with other researcher identifiers
- Registry use is free for individuals
- Independent non-profit membership organization
- Open data, software, APIs, and documentation



Who is using ORCID and How?

Integrations by sector





Publisher Requirements

Other publishers requiring ORCID iDs in 2016: PLOS, eLIFE, Science, Hindawi, IEEE, AGU...

THE
ROYAL
SOCIETY

Publishing blog

From January you'll need an ORCID

7 December 2015 by [Phil Hurst](#)

Mandating the use of Open Researcher and Contributor ID (ORCID) by submitting authors.

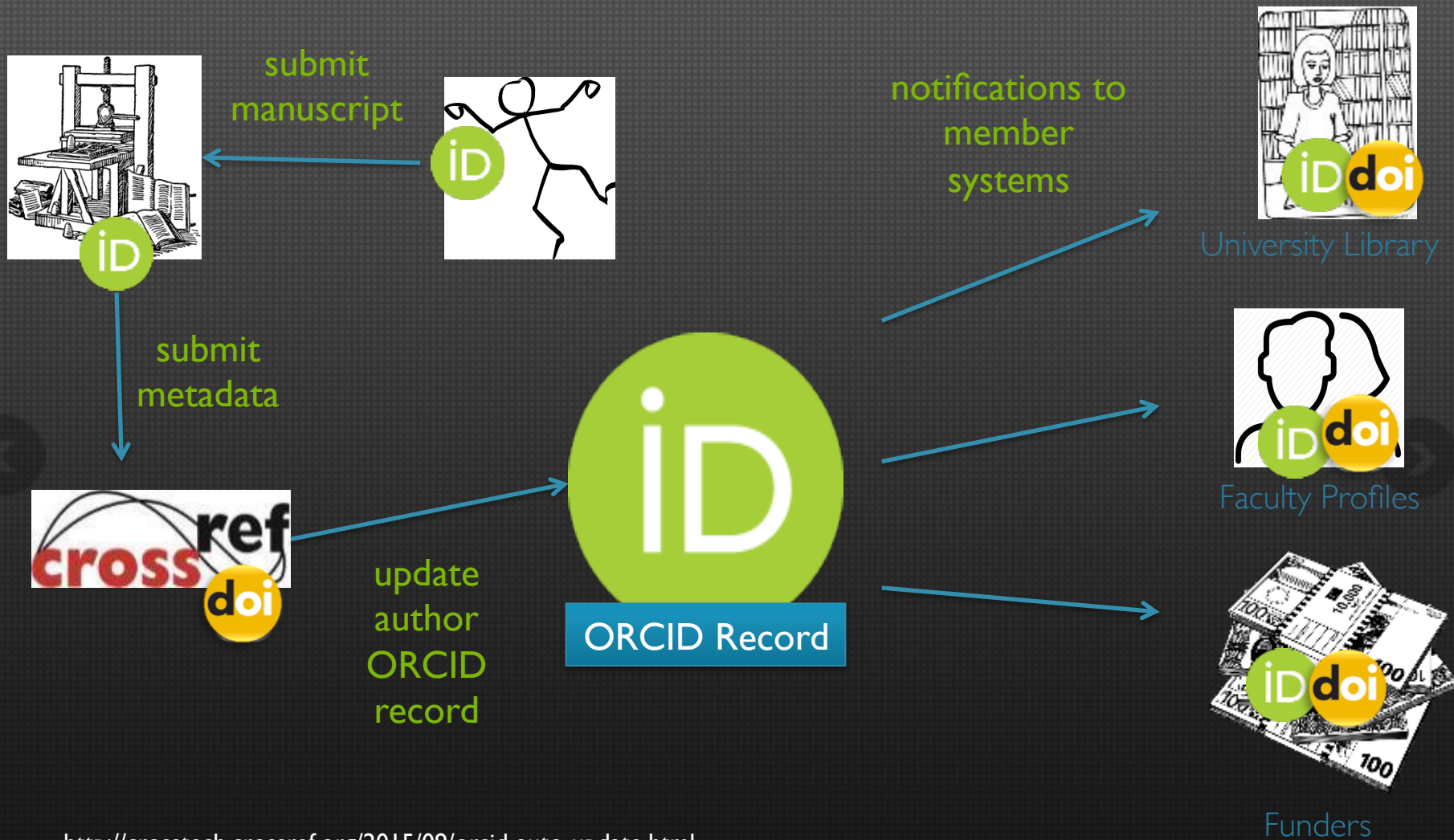
[ORCID](#) provides a unique identifier for all researchers that can be linked to their different research works and activities across multiple platforms. It also serves to distinguish authors with similar names and simplify searching of publications databases (such as PubMed, Scopus, etc.) to avoid retrieving articles by authors with similar names. Close to 1.8 million researchers have already created their ORCID iD. The service is non-profit and community driven.

From 1 January 2016, we will require the submitting author to provide an ORCID identifier as part of the manuscript submission process. Details of the practicalities will be provided shortly, but don't worry, it takes less than a minute to register for an ORCID iD and it's free of charge. A [recent survey](#) carried out by ORCID indicates strong support in the research community for mandates by publishers, funders, and universities.





People and Things



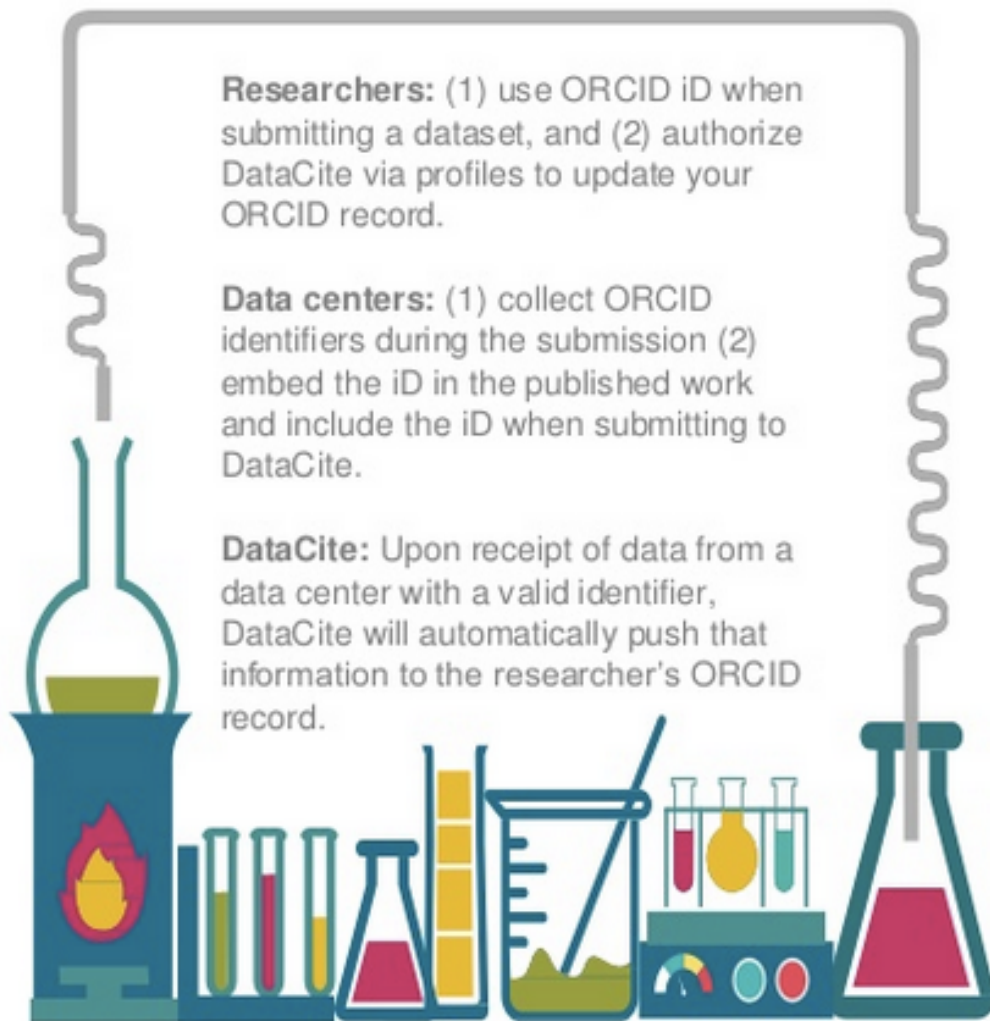
<http://crosstech.crossref.org/2015/09/orcid-auto-update.html>

DataCite's auto-update steps

Researchers: (1) use ORCID iD when submitting a dataset, and (2) authorize DataCite via profiles to update your ORCID record.

Data centers: (1) collect ORCID identifiers during the submission (2) embed the iD in the published work and include the iD when submitting to DataCite.

DataCite: Upon receipt of data from a data center with a valid identifier, DataCite will automatically push that information to the researcher's ORCID record.





Auto-update in action



Hi Josh Brown,

You have 1 new notification in your ORCID inbox - see summary below. Please visit your [ORCID Inbox](#) to take action or see more details.

🔗 Crossref: Add your published work(s) to your ORCID record (2016-09-26)

▼ Works (1)

Open Access in Context: Connecting Authors, Publications and Workflows U... <http://dx.doi.org/10.3390/publications4040030>

[more info...](#)

[Add now](#)

[View details in your ORCID inbox](#)

You have received this message because you opted in to receive weekly inbox notifications about your ORCID record. [Learn more about how the Inbox works.](#)

You may adjust your email frequency and subscription preferences in your [account settings](#).

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Auto-update in action

ORCID

Crossref ?

has asked for the following access to your ORCID Record



Read items in your ORCID record

Create or update your activities

- ☒ Allow this permission until I revoke it.
You may revoke permissions on your account settings page. Unchecking this box will grant permission this time only.

This application will not be able to see your ORCID password, or other private info in your ORCID Record. [Privacy Policy](#).

Sign into ORCID or [Register now](#)

Personal Account

Institutional Account

Sign in with your ORCID account

Email or iD *

0000-0002-8689-4935



ORCID Password

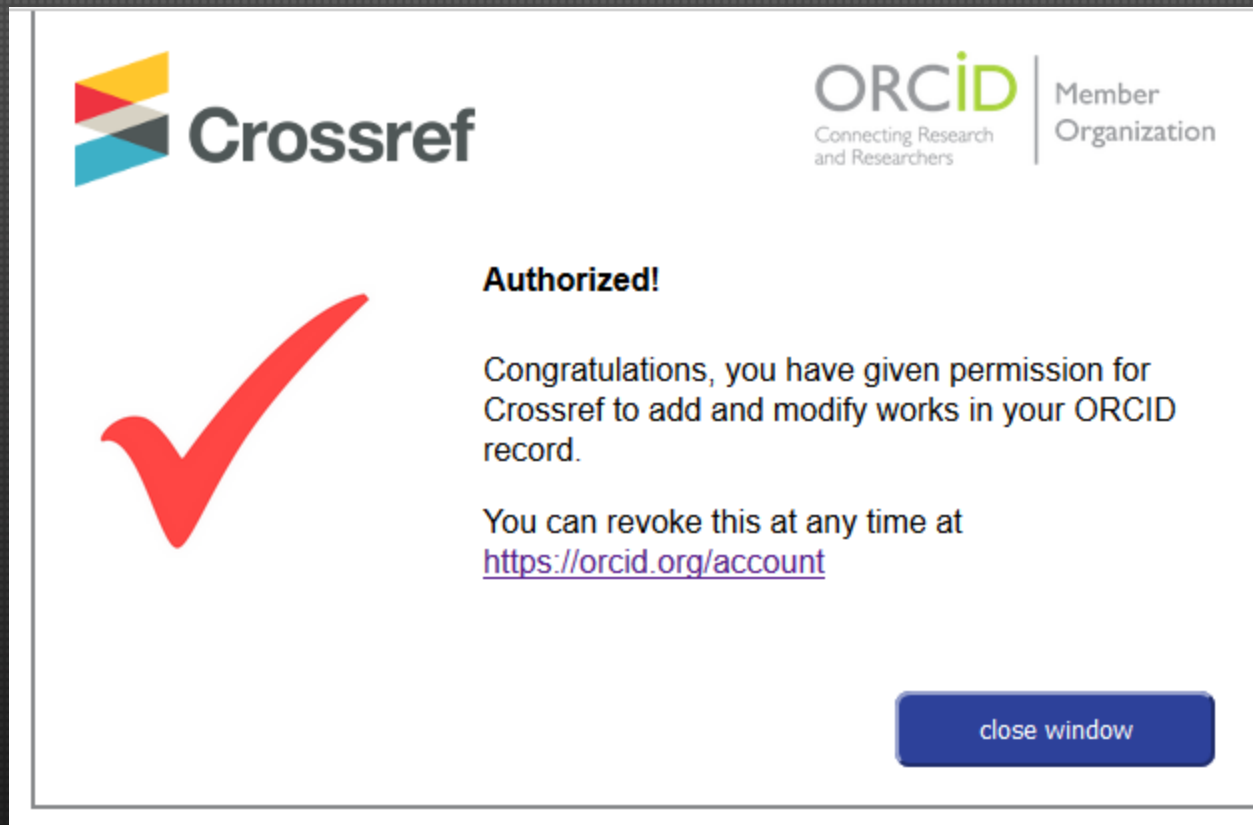
••••••••••



[Forgotten password?](#)

Deny

Authorize





Jake VanderPlas @jakevdp · 2h

My first @JOSS_TheOJ paper passed review and is published! joss.theoj.org/papers/10.2110...



11



11



Jake VanderPlas

@jakevdp



Follow

Wow... that was fast! @ORCID_Org
@JOSS_TheOJ

ORCID

Hi Jacob VanderPlas,

You have 1 new notification in your ORCID inbox - see summary below. Please visit your [ORCID Inbox](#) to take action or see more details.

🔗 Crossref: Add your published work(s) to your ORCID record

▼ Works (1)

mst_clustering: Clustering via Euclidean Minimum Spanning Trees <http://dx.doi.org/10.21105/joss.00012>

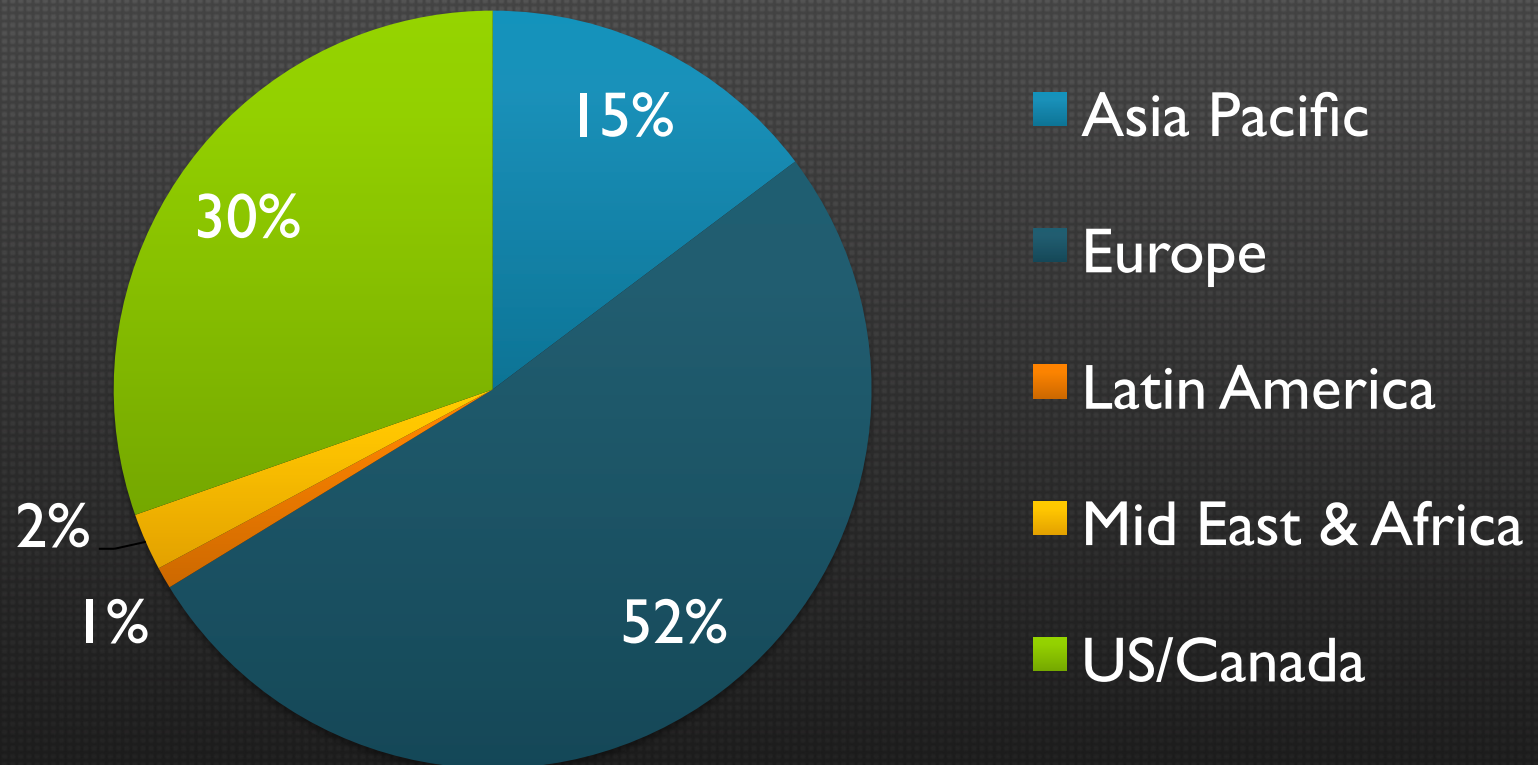
more info...

Add now

[View details in your ORCID inbox](#)

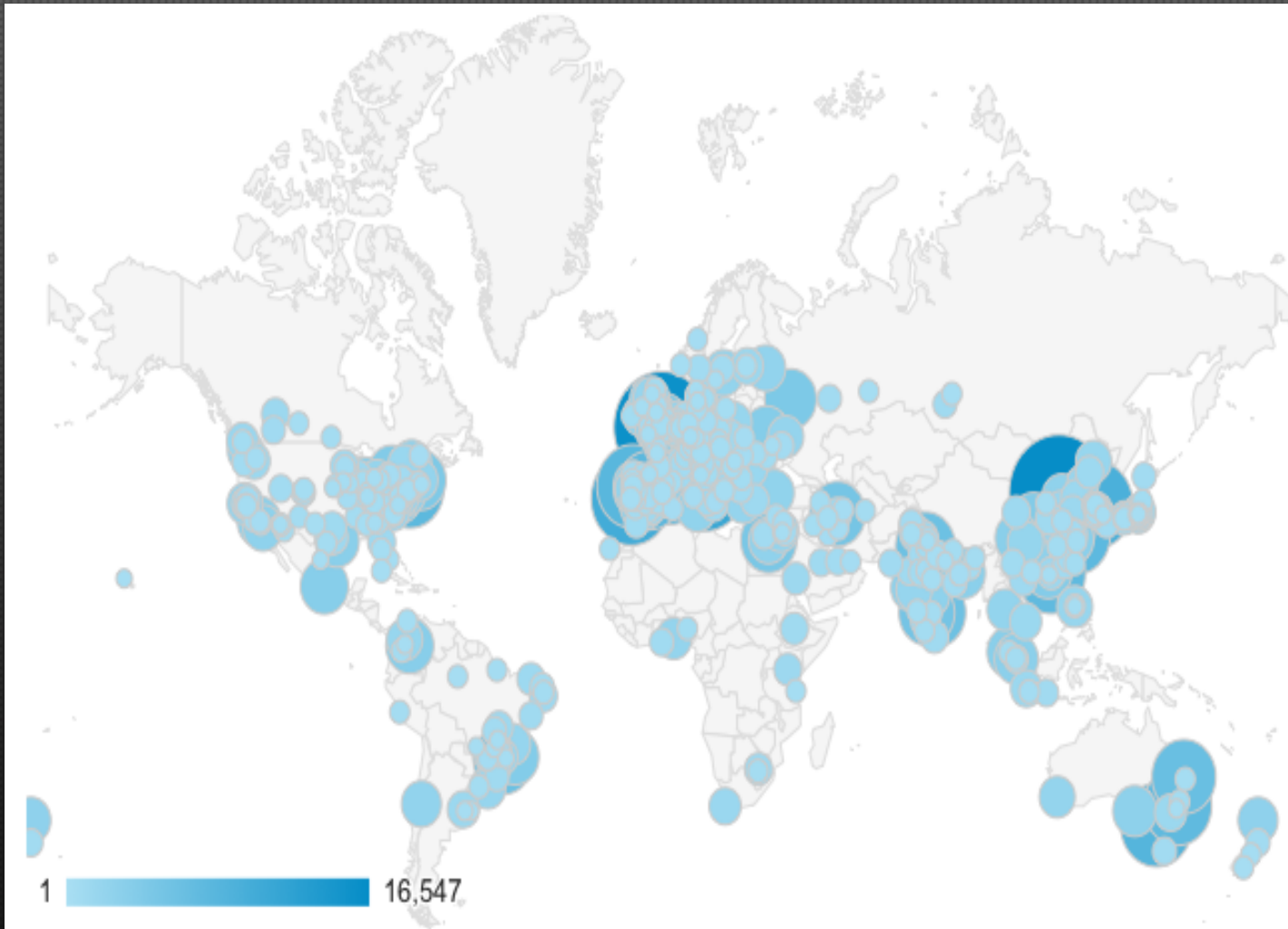


Integrations by region





Registry visits around the globe





Case study one: the **UK**.



Adoption in the UK

Following several years of consensus building, Jisc and ARMA funded 8 projects to test ORCID implementation.

Their report sets out the benefits of large-scale adoption:

<http://orcidpilot.jiscinvolve.org>



Adoption in the UK

Jisc have established a

**national ORCID
consortium in the UK.**

**77 Universities and 7 Research
Councils** have joined already, and others
have expressed an interest in joining soon.



Funder adoption in the UK

NIHR and Wellcome Trust **mandate ORCID iDs** for grant submissions.

The **Research Councils** have implemented ORCID in their grant application and their outputs system.

HEFCE are exploring how encourage the use of ORCID iDs.



Case study two: Italy.



Cineca have created a

**national ORCID
consortium in Italy.**

70 Universities and **4 research
centres** joined as a result, with more to
follow.



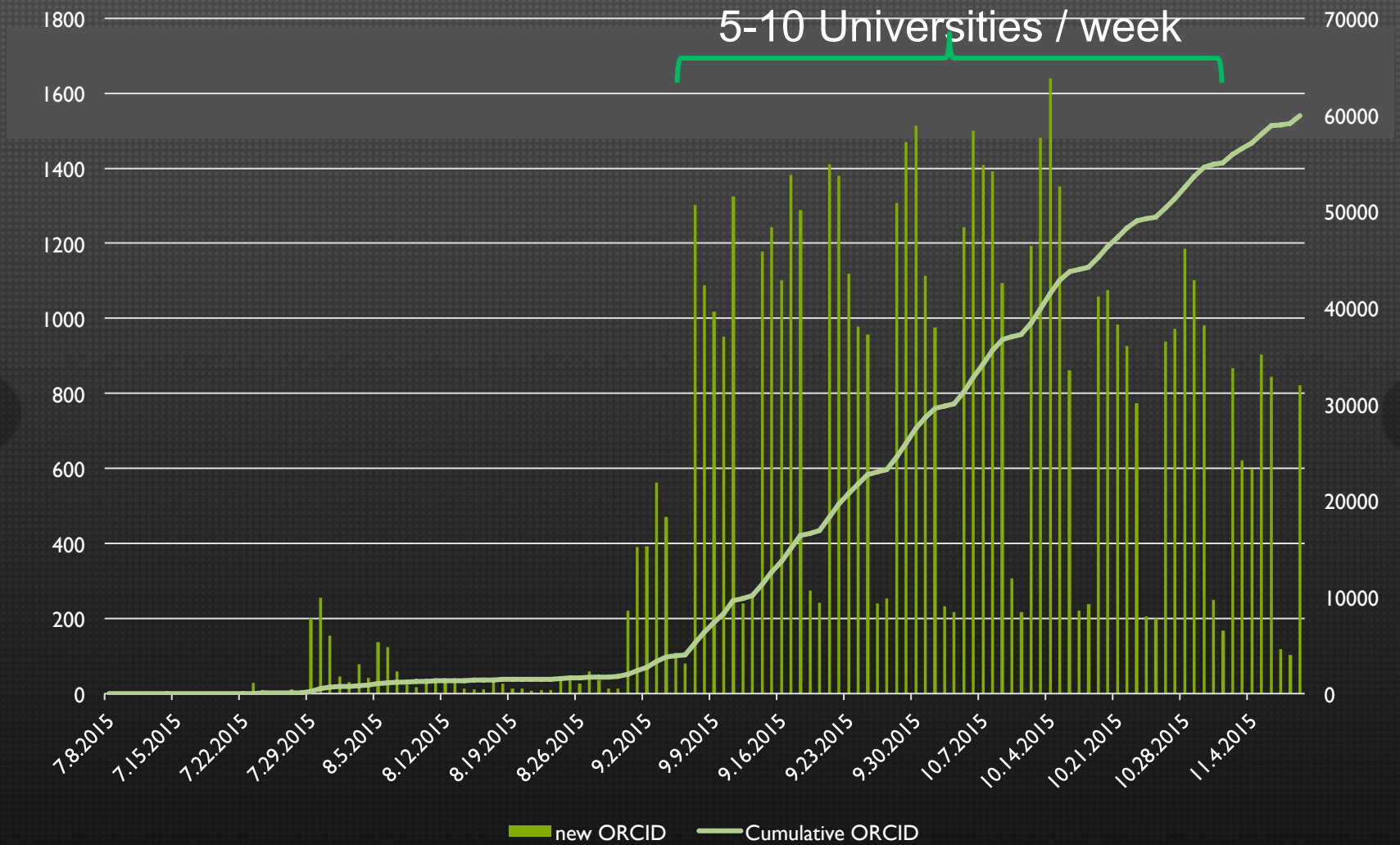
Adoption in Italy

ANVUR and CRUI have launched the Italian Researcher Identifier for Evaluation (IRIDE) project:

By the end of 2016 at least **80% of Italian researchers** (including PhD students and post-docs) will possess **an ORCID iD linked to their publications back to 2006**



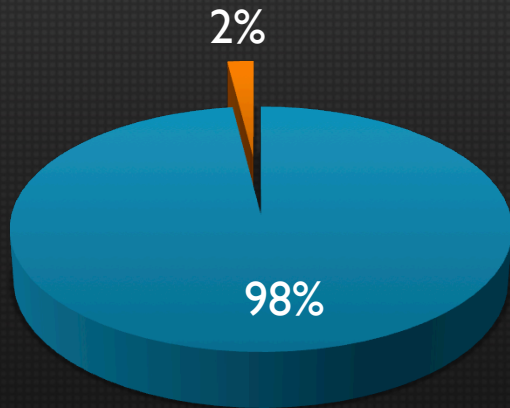
Adoption in Italy





Adoption in Italy

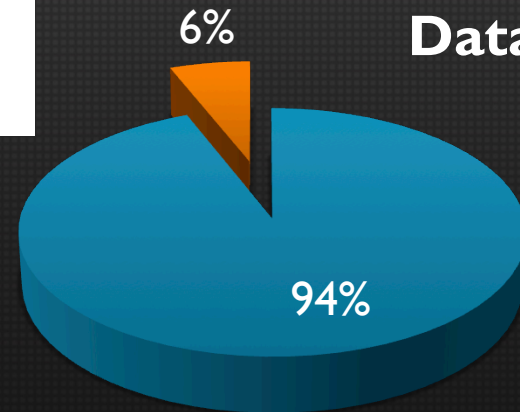
ORCID HUB



■ YES
■ NO



National Database



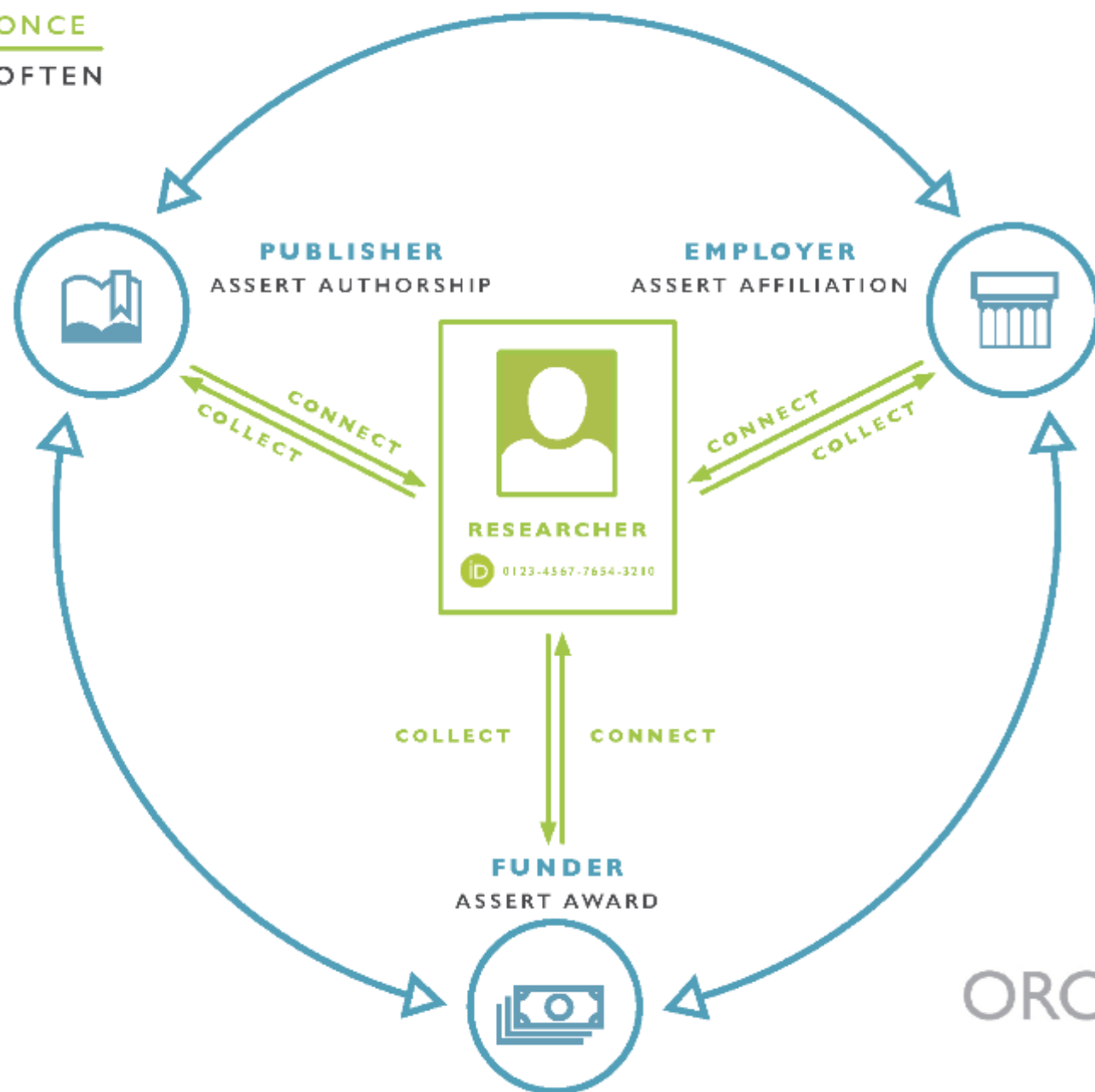
■ YES
■ NO



New developments

INTEROPERABILITY

ENTER ONCE
REUSE OFTEN





Collect & Connect goals

- Clarify how plumbing works
- Standardize experience
- Standard connection installation guidelines
- Increase predictability and trust in the “utility”
- Community approach to reliable connections



Thank you.

Any questions?

Feel free to get in touch:

J.Brown@orcid-eu.org