



ORCID Supported by Service Providers Why and How

December 8, 2021

*Persistent Identifiers Supported by Service
Providers: A Case Study of CRIS Systems – the
Polish Platform of Medical Research*

Chieh-chih Estelle Cheng 鄭潔之

Engagement Manager Global Direct

<https://orcid.org/0000-0002-3207-0527>



Agenda

- **Re/introduction to ORCID**
- **Service Providers and ORCID: A short history**
- **ORCID Service Provider Certifications Program**
- **Workflows and Use Cases: CRIS system as an example**
- ***Omega-PSIR Demonstration***
- **Discussion and feedback**

Re/introduction to ORCID



A Few ORCID Facts

- Independent not-for-profit registered in the U.S. open to participation by all
- Registry launched in 2012
- Sustained by fees from our member organizations
- Guided by our [values and founding principles](#)
- Community-governed by a Board of Directors representative of our membership



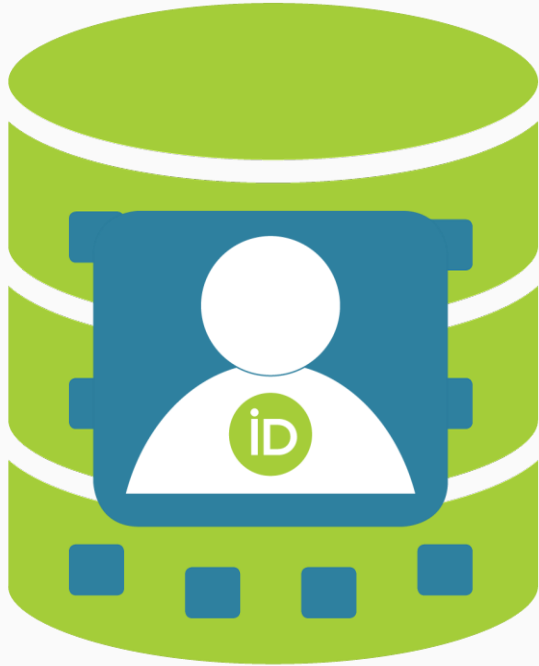
We provide three main services:

1. ORCID iDs: free, unique, persistent identifiers that researchers own and control

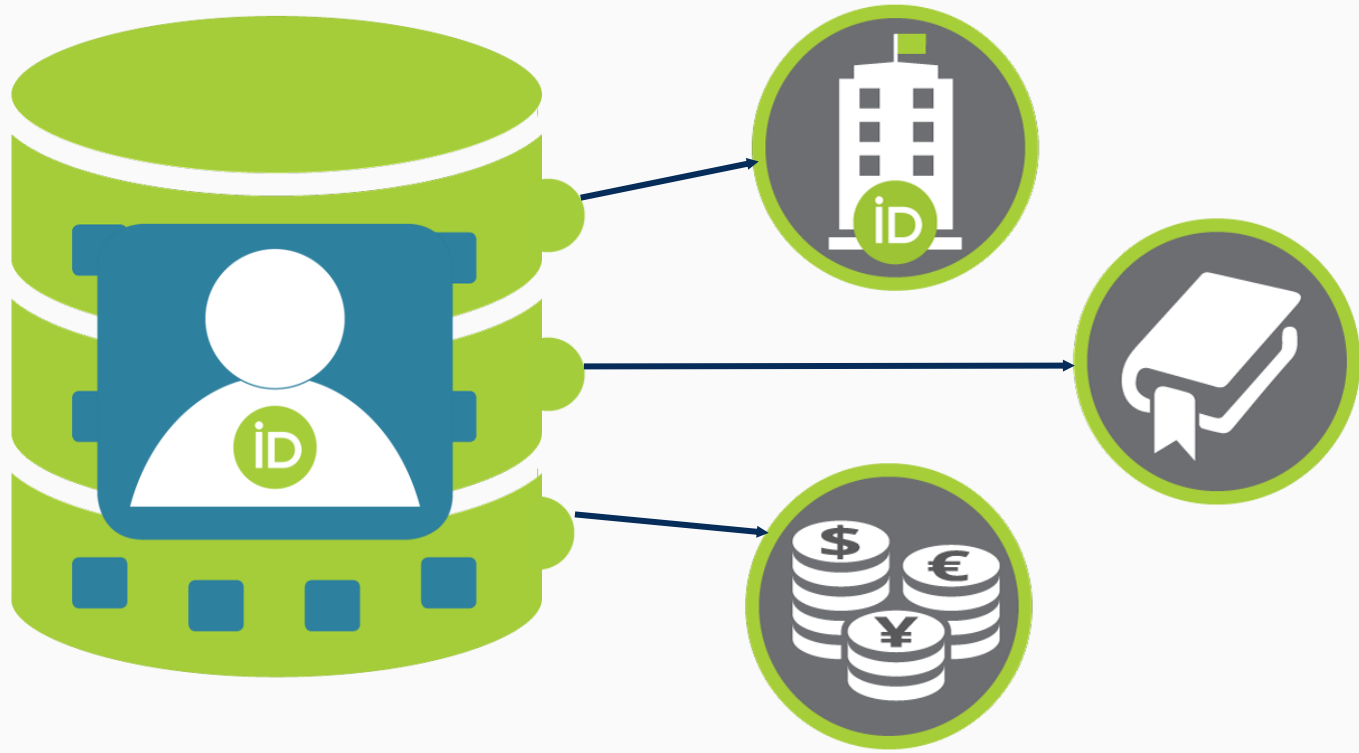


<https://orcid.org/0000-0001-2345-6789>

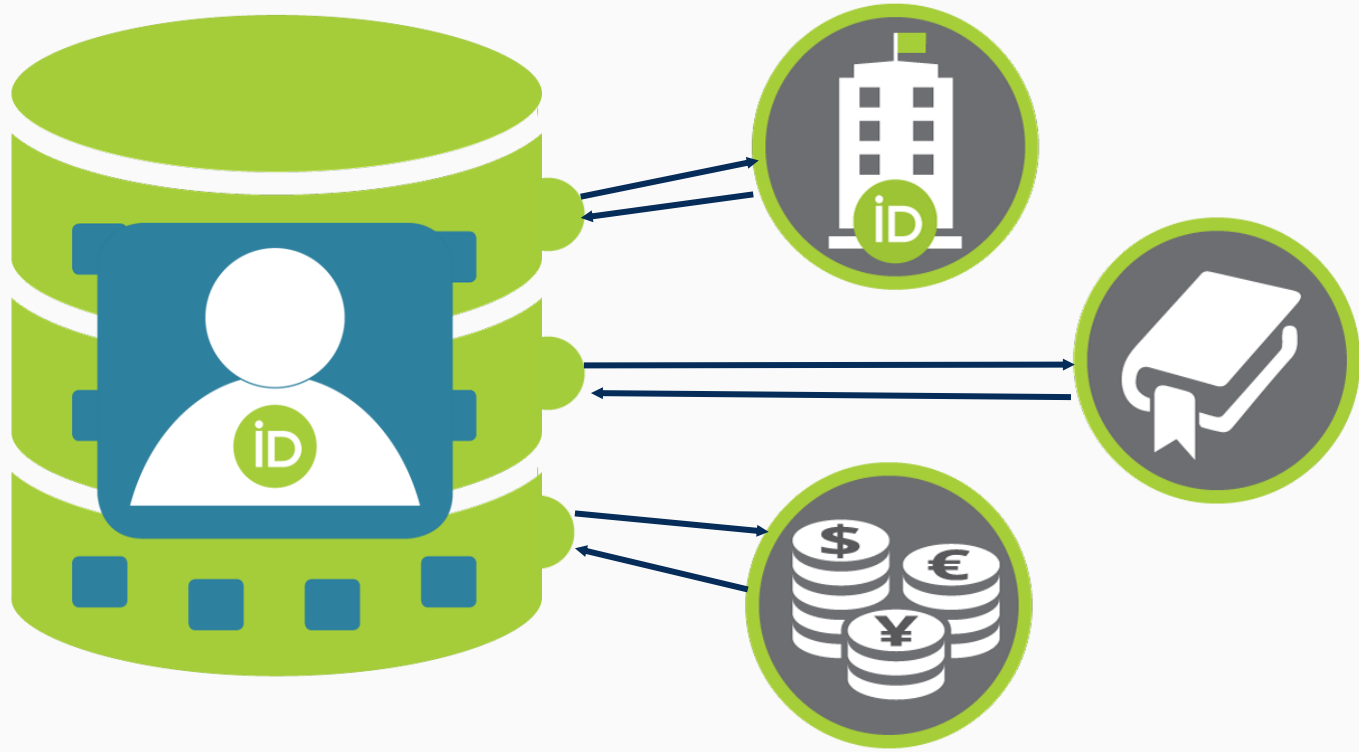
2. ORCID records connected to ORCID iDs, that include employment, education and research output metadata



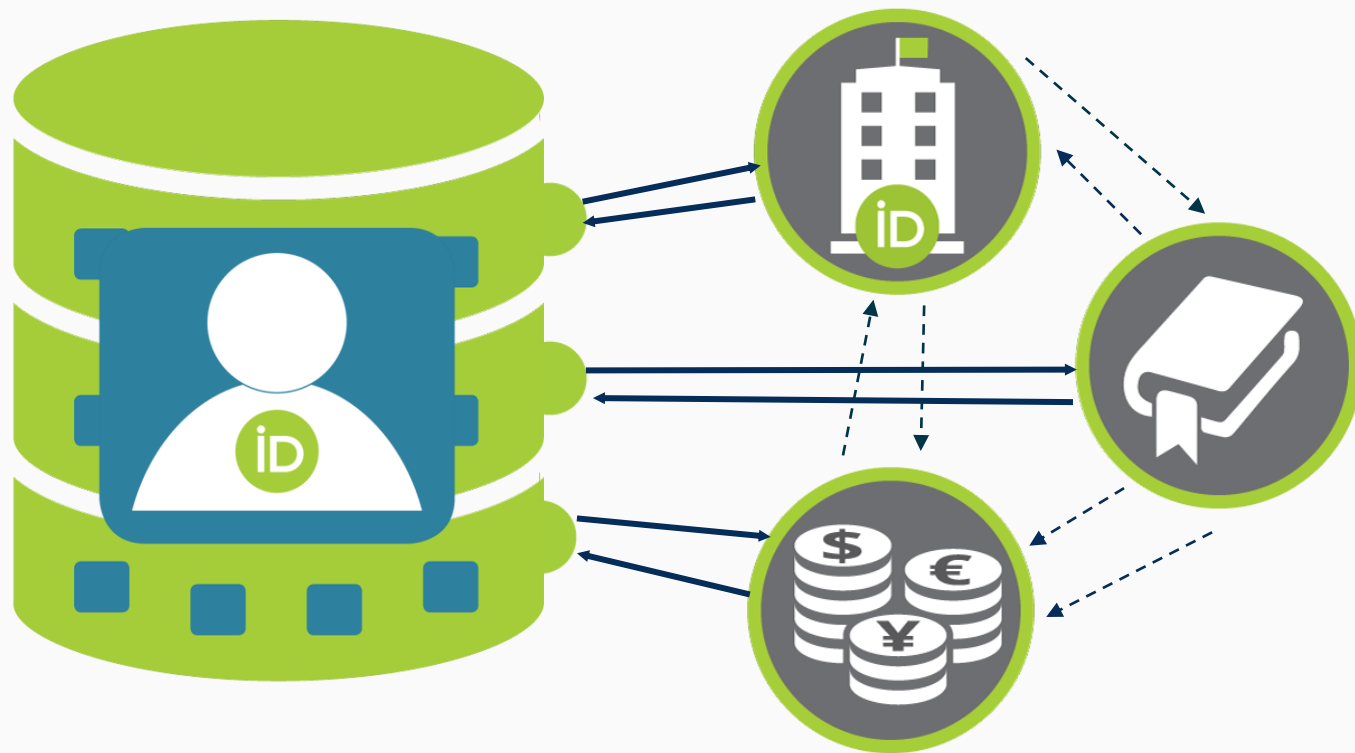
and **3. APIs that provide access to the records...**



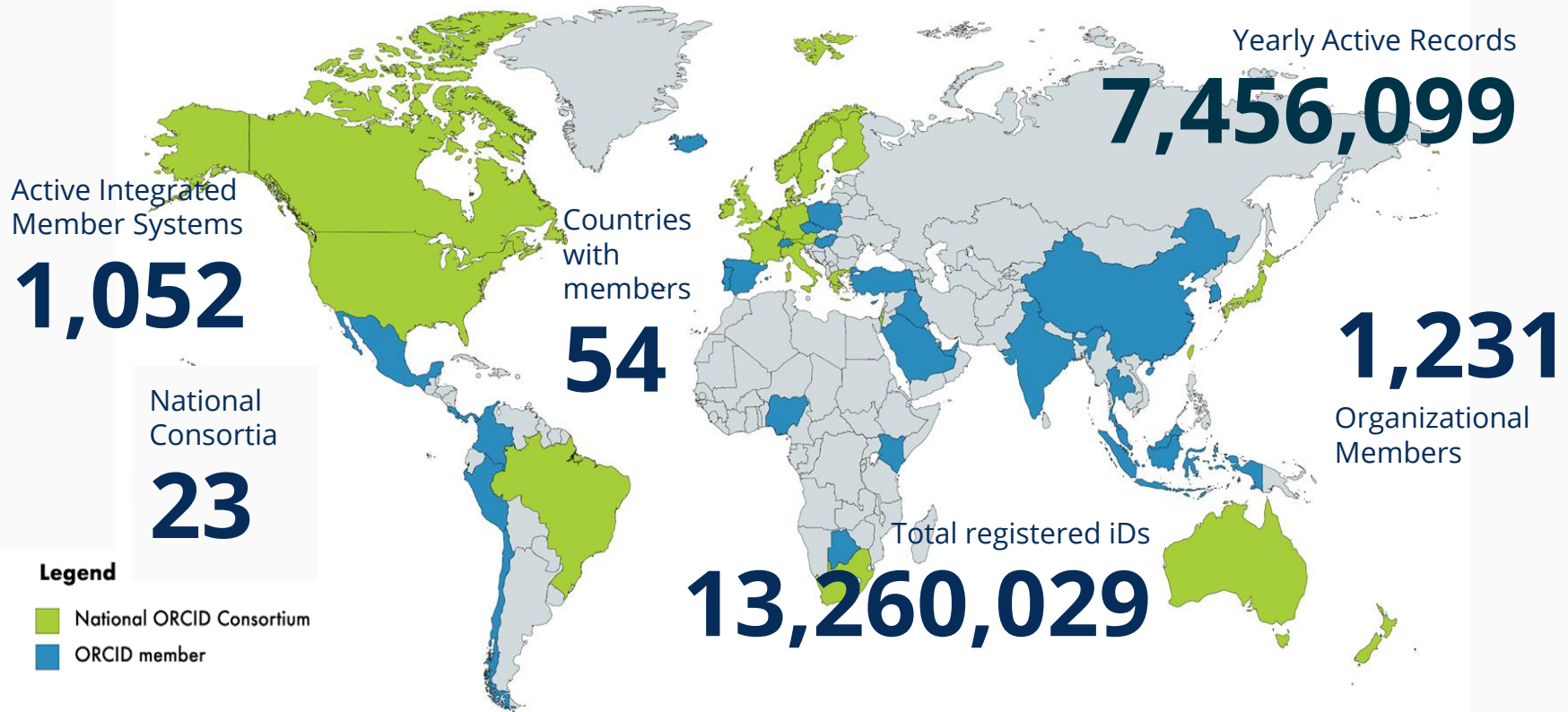
...and allow members to make updates



...so that they can exchange data with each other using common persistent identifiers



We have reached a critical mass of global participation



Service Providers and ORCID: A short history



ORCID is community driven, including Services and Vendors

- ORCID has multiple stakeholders
- ORCID'S product and service offerings are **ENABLED** by Service Providers/Vendors (SPs)



Our main stakeholder groups have similar goals for adopting ORCID



Source ORCID Q1 2021 Member Value Research; Based on unprompted top-of-mind responses from member value interviews

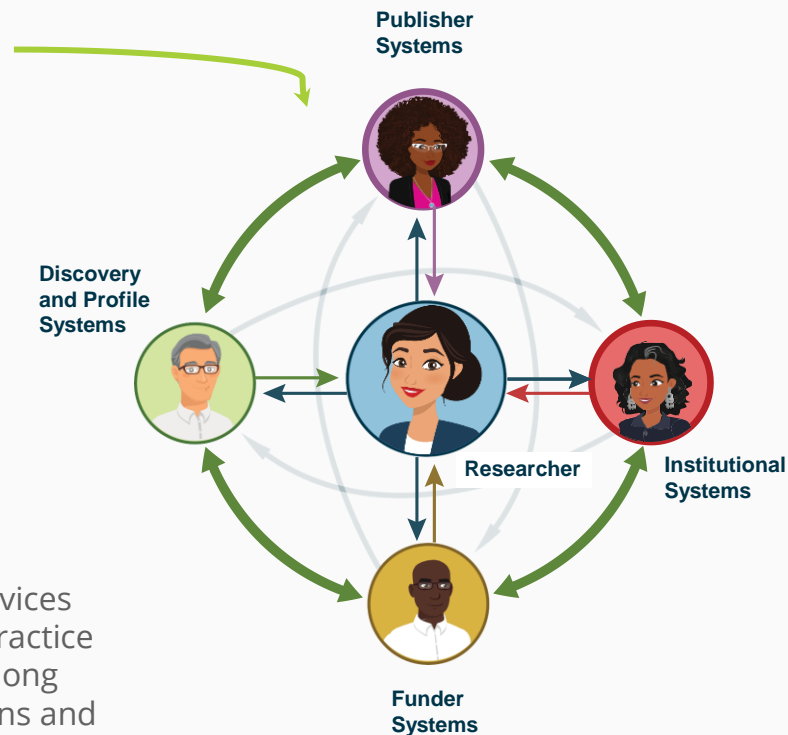
Service Providers are a bridge between our values and our communities



ORCID is an integral part of the wider digital infrastructure needed for researchers to share information on a global scale.



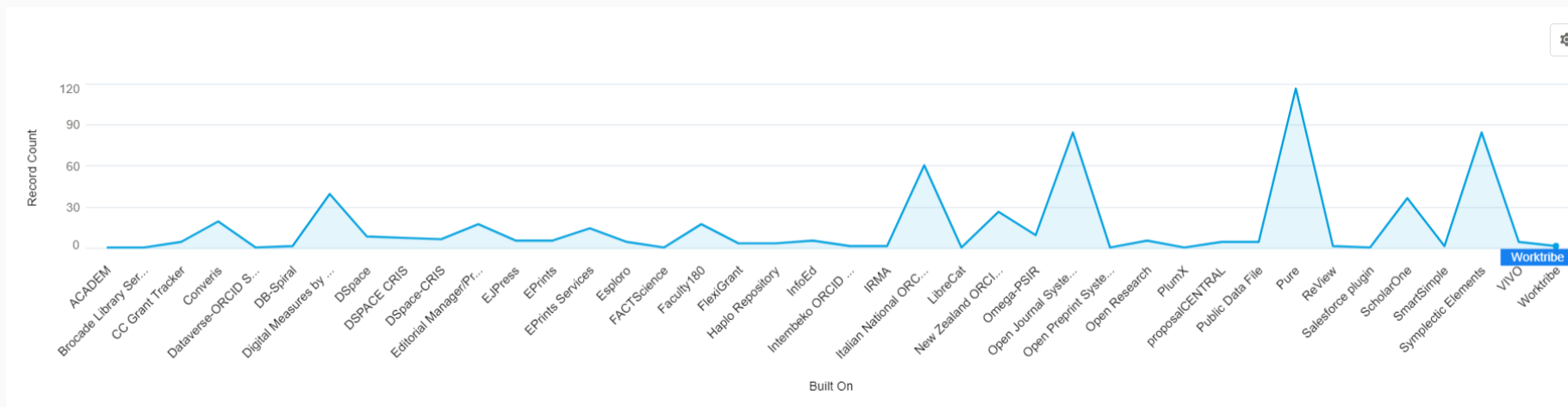
Service Providers realize the services and support of communities of practice that enable interoperability among researchers, member organizations and ORCID



Better-populated records and easier integration are key to fulfilling the promise of ORCID.

Fast Facts

- 540 ORCID member organizations adopting SPs systems
- Around half of the global existing ORCID integrations are supported by SPs
- Current Research Information System (CRIS system) accounts for the highest percentage - 42.8 % of ORCID integrations are with CRIS system



Service Providers are one of ORCID's most important partners

History and Current status

- Service Providers [are a part of early adopters and launch partners](#) of ORCID
- At present, at least 36 different SPs support ORCID functionalities towards organizations interested in adopting ORCID, features and configuration steps vary by system.
- 3 DOI providers Crossref, DataCite, and Japan Link Center supports [auto-update](#) benefiting researchers directly
- **In 2021 so far, 129 ORCID integrations** make use of **SP platforms**

Further opportunities

By deepening our partnership, we believe Service Providers can:

- **Increase the value you provide to researchers** by helping them save time, reduce admin burden and achieve greater recognition
- **Extend the reach of your products** being an **ORCID certified Providers**, identifying organizations who are not yet with ORCID and turn them on
- Help **lift the overall trustworthiness of ORCID** for everyone by contributing trusted assertions

ORCID Service Provider Certification Program



ORCID Service Provider Certification Program



ORCID service provider definition?

- An ORCID SP is any organization that provides a product—free or paid—that **includes functionality that can authenticate ORCID iDs and update ORCID records.**

What does it take to become certified?

- SPs must offer the ability to perform updates using their customer's ORCID member API credentials
- Open to members and non-members who meet the definition of SP and have one or more ORCID members as your DOI members.
- Certification is and always will be free.**
- The minimum requirements for SP Certification are outlined [here](#).

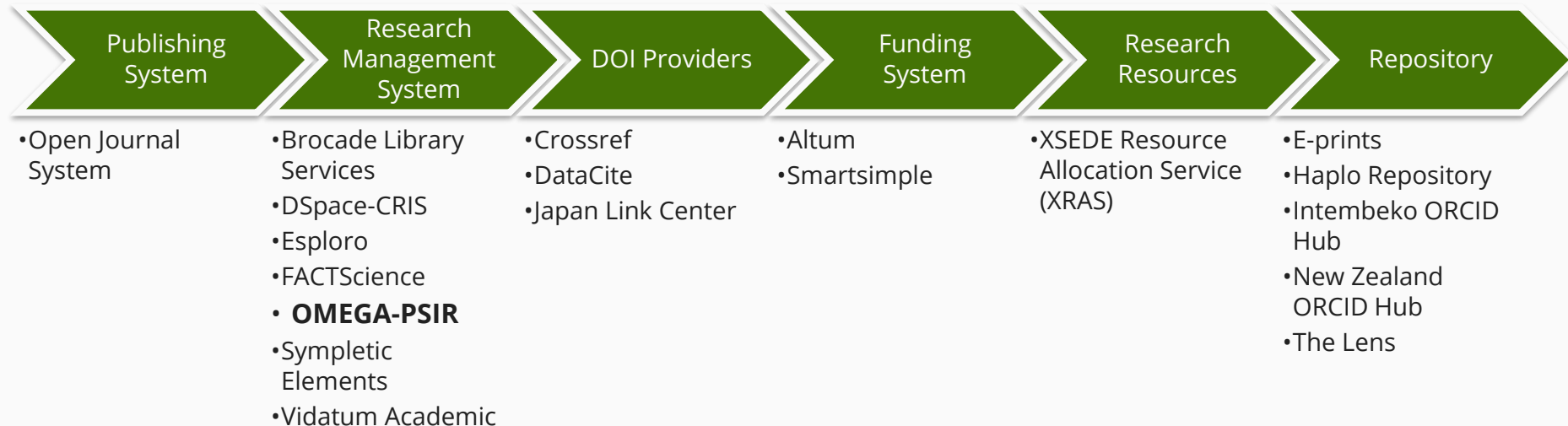
Benefits of certification

- Mutual opportunities to grow with ORCID and serve communities, gaining relevant statistics
- Permission to use “ORCID certified SP” branding.
- Partnering with ORCID to grow your product and business**

ORCID Service Provider Certification Program



- [19 Certified Service Providers](#) as of now








ORCID Best Practices and Workflows



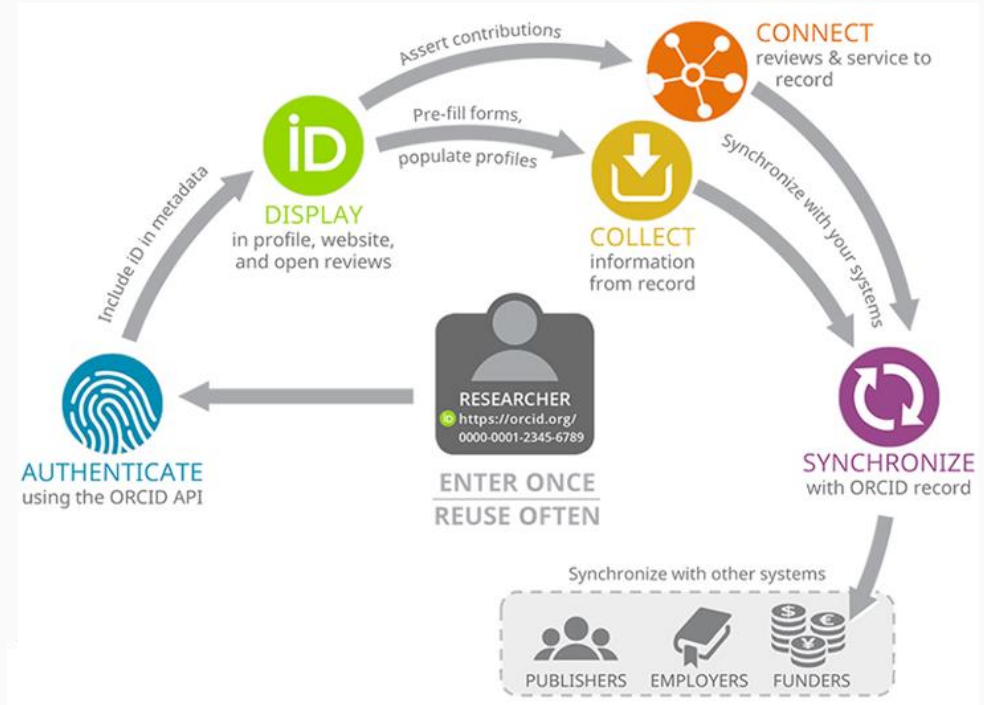
ORCID best practices – taking advantage of *ALL* features

- What does ORCID best practices mean?
Following the five basic steps to adopting ORCID!

	ORCID API
AUTHENTICATE ORCID iDs with the ORCID API	
DISPLAY iDs you've collected in your system	
COLLECT get data from ORCID	
CONNECT add affiliations/contributions	
SYNCHRONIZE add data to/get data from ORCID on an ongoing basis	

ORCID best practices – Workflow

1. ORCID sign-in/account linking workflow
2. Display the authenticated ORCID iDs
3. Collect researchers' ORCID information to populate into your own system
4. Connect users' data from your system to their ORCID records, enabling your customers to update their researchers records where required.
5. Synchronize your system's data with the ORCID Registry via a bidirectional information flow.



A prime example of ORCID membership, partnership and community effort

The ORCID Certified CRIS system Omega-PSIR

- At present, ORCID has 15 member organizations in Poland
- 11 out of the 15 members adopting the Certified system Omega-PSIR for integrating with ORCID



ORCID	Researchers	ORCID member organizations	Service Providers (Omega-PSIR)
Realizing Values	Time Saving	Research Outputs Management	Maximizing Services Outreach
Interconnectivity of ORCID to the research ecosystem.	Enhancing Recognition	Easily adopting ORCID	Supporting PIDs and Open Research Infrastructure
Upholding Trust and Integrity	Discoveribility	Reduction of administrative burden.	Improved data quality

Takeaways

1. Understand what ORCID is, why and how it can benefit the research ecosystem
2. Recognize why and how service providers support ORCID
3. Take actions to adopt ORCID
 - Researchers: Register your ORCID iDs and use them
 - Organizations: Implement ORCID into your research workflow
 - Service Providers: Partner with ORCID

Omega-PSIR Demonstration

Discussion and feedback

**Please use the webinar chat box to
ask questions or share comments**



Thank you!



Find out more at <https://orcid.org>

Register at <https://orcid.org/register>

Email - e.cheng@orcid.org

Skype - j493520@hotmail.com

Twitter @ChihEstelle

