



Advancing Public Access to Research

Consuming Identifiers: A Path to Open Science

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Access • Discovery • Compliance • Identification • Preservation



2010





CHORUS is creating a future where the output flowing from funded research is easily and permanently discoverable, accessible and verifiable by anyone in the world.

- 501(c)(3) not-for-profit membership organization
- Maximizes interoperability by employing widely used standards and infrastructure
- Policy agnostic – works across a spectrum of funder policies, gold and green OA business models, publishing platforms
- Broadens the dialogue among publishers, societies, funders, service providers, researchers, and other stakeholders

How Does CHORUS Help?



Consumes Funder ID and Article Metadata

Funding Information

Please enter the funder name, grant number and the grant recipient. Authors listed in the dropdown menu were added during the Add/Edit/Remove Authors submission step. Click the '+' icon to add another funder. When you are finished, click the 'Next' button.

Funder Name	Grant Number	Grant Recipient	Action
Howard Hughes Medical Institute	HM 2055681	Dr. Mary François Smith	
National Science Foundation	KK9898-5476	Robert Jones	
National Institutes of Health (US)	897-42-98	Sarah Wilkes	

Monitors Public Access, Reuse and Archiving

CHORUS Dashboards

Summary Data History Search

Funders • Institutions • Publishers

Today's Indicators

17,819 - Publications to date, where:

- 39.8% - Are acceptable (conform to all criteria)
- 53.9% - Have a locatable full text
- 45.2% - Have an agreeable license
- 40.5% - Have a suitable archive arrangement

Key Performance Indicators - History

of Publications

Date

Key Performance Indicators - Breakdown

AGREEABLE LICENSE

Category	Percentage
OK	45.2%
Unknown	39.8%
Not OK	53.9%

LOCATABLE FULLTEXT

Category	Percentage
OK	53.9%
Unknown	39.8%
Not OK	45.2%

SUITABLE ARCHIVE ARRANGEMENT

Category	Percentage
OK	40.5%
Unknown	39.8%
Not OK	45.2%

Enhances Search Systems

Ensures Preservation





American Chemical Society

Science
AAAS



OSA
The Optical Society

AIP
Publishing

APS
physics

AGU



IOP Publishing



Atyp on

eJournalPress

THE ROCKEFELLER
UNIVERSITY
PRESS



Association for
Computing Machinery



PNAS



American
Diabetes
Association

ACP
American College of Physicians
Leading Internal Medicine, Improving Lives

AMS
AMERICAN MATHEMATICAL SOCIETY
www.ams.org



Taylor & Francis Group
an informa business

SAGE



SOCIETY OF EXPLORATION
GEOPHYSICISTS



The Company of
Biologists



siam IEEE



GSA
Genetics Society of America

THE
ROYAL
SOCIETY
WILEY



AMERICAN
PSYCHOLOGICAL
ASSOCIATION

Journal of Orthopaedic & Sports Physical Therapy

JOSPT



ELSEVIER

Aries
systems
Publish Faster. Publish Smarter.

STM

AIAA
Shaping the Future of Aerospace



The Association of
Learned & Professional
Society Publishers

SILVERCHAIR
INFORMATION / SYSTEMS

HighWire

Cenveo
publisher services

Research funders working with CHORUS as part of their public-access plans, pilot projects, or linking arrangements



Smithsonian
Institution



U.S. DEPARTMENT OF
ENERGY



NIST
National Institute of
Standards and Technology



Office of the Director of National Intelligence

IARPA

BE THE FUTURE

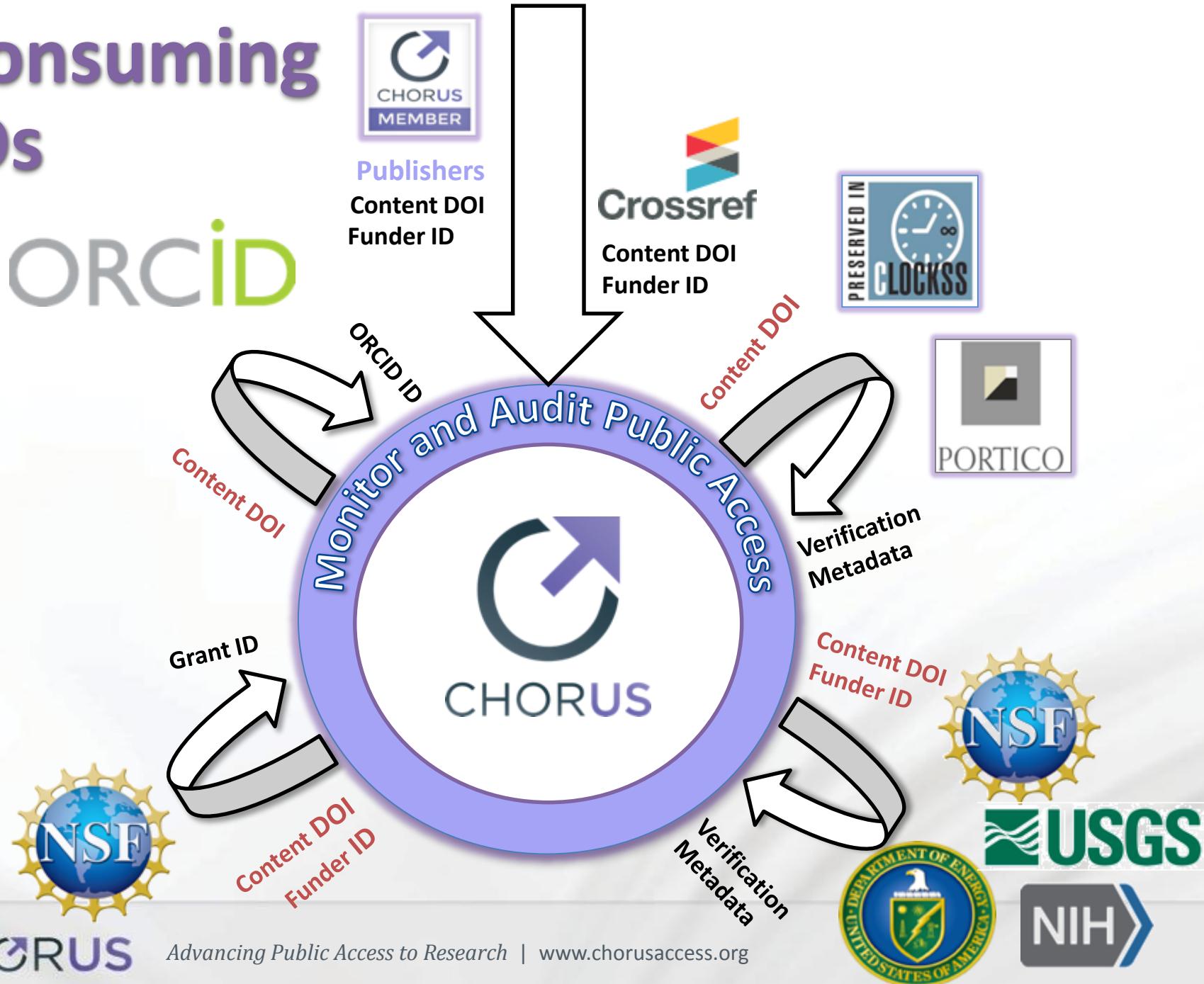


Australian Government

Australian Research Council

Consuming IDs

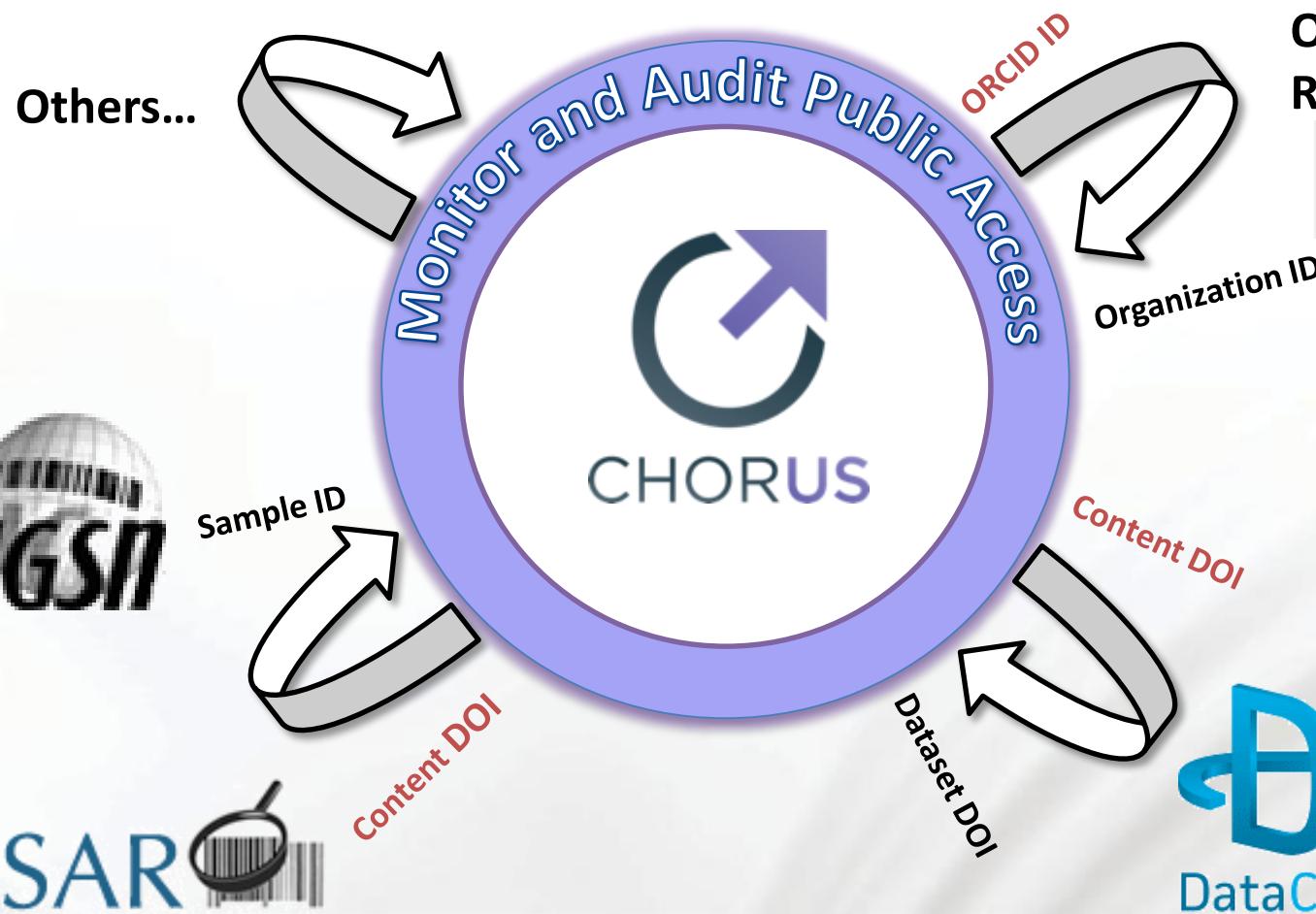
ORCID



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Other IDs on the Horizon



Ringgold

Organization
Registries

GRID
Global Research Identifier Database

CHORUS Pilots



University of
Denver

Launched Sept 2016



Launched July 2016



Australian Government
Australian Research Council



LA TROBE
UNIVERSITY

Launched March 2017

User Facilities and Publications WG

- Specialized government-sponsored research infrastructure available for external use to advance scientific or technical knowledge.
- Researchers compete for access to facilities and specialized equipment.
- Awards for facility access are not regularly captured within the scholarly research workflow.

- Analyzed workflows, technologies, and standards of user facilities and publishers
- Identified key points at which information could be shared or made available for actors downstream to use and embed in their work

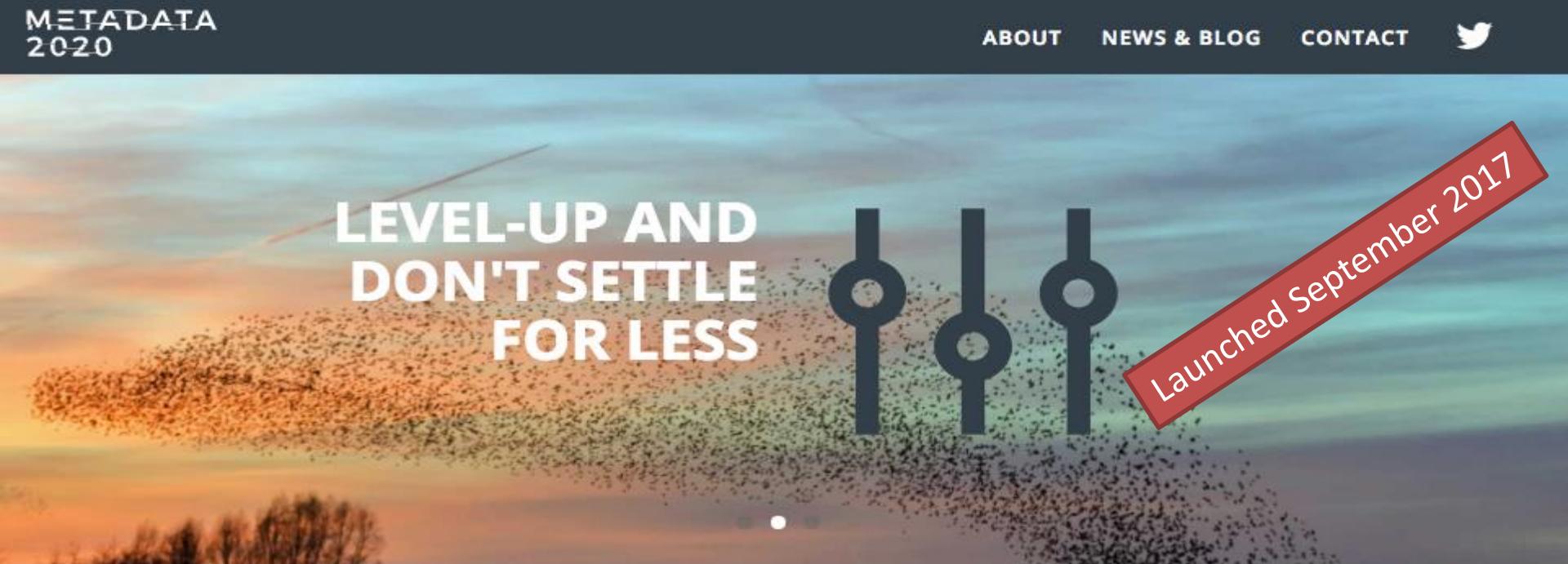
Participants

- US DOE National Laboratories: Argonne National Laboratory, Brookhaven National Laboratory, Oak Ridge National Laboratory, Pacific Northwest National Laboratory
- Publishers: American Chemical Society, American Physical Society, Elsevier, Wiley
- US Federal agencies: National Science Foundation, US Department of Energy
- Infrastructure providers: ORCID, CHORUS

Convened May 2017

<https://orcid.org/content/user-facilities-and-publications-working-group>

Findings October/November 2017



LEVEL-UP AND
DON'T SETTLE
FOR LESS



Launched September 2017

HELP US IMPROVE THE QUALITY OF METADATA FOR RESEARCH.

Metadata 2020 is a collaboration that advocates richer, connected, and reusable, open metadata for all research outputs, which will advance scholarly pursuits for the benefit of society.



RICHER

Richer metadata fuels discoverability and innovation.



CONNECTED

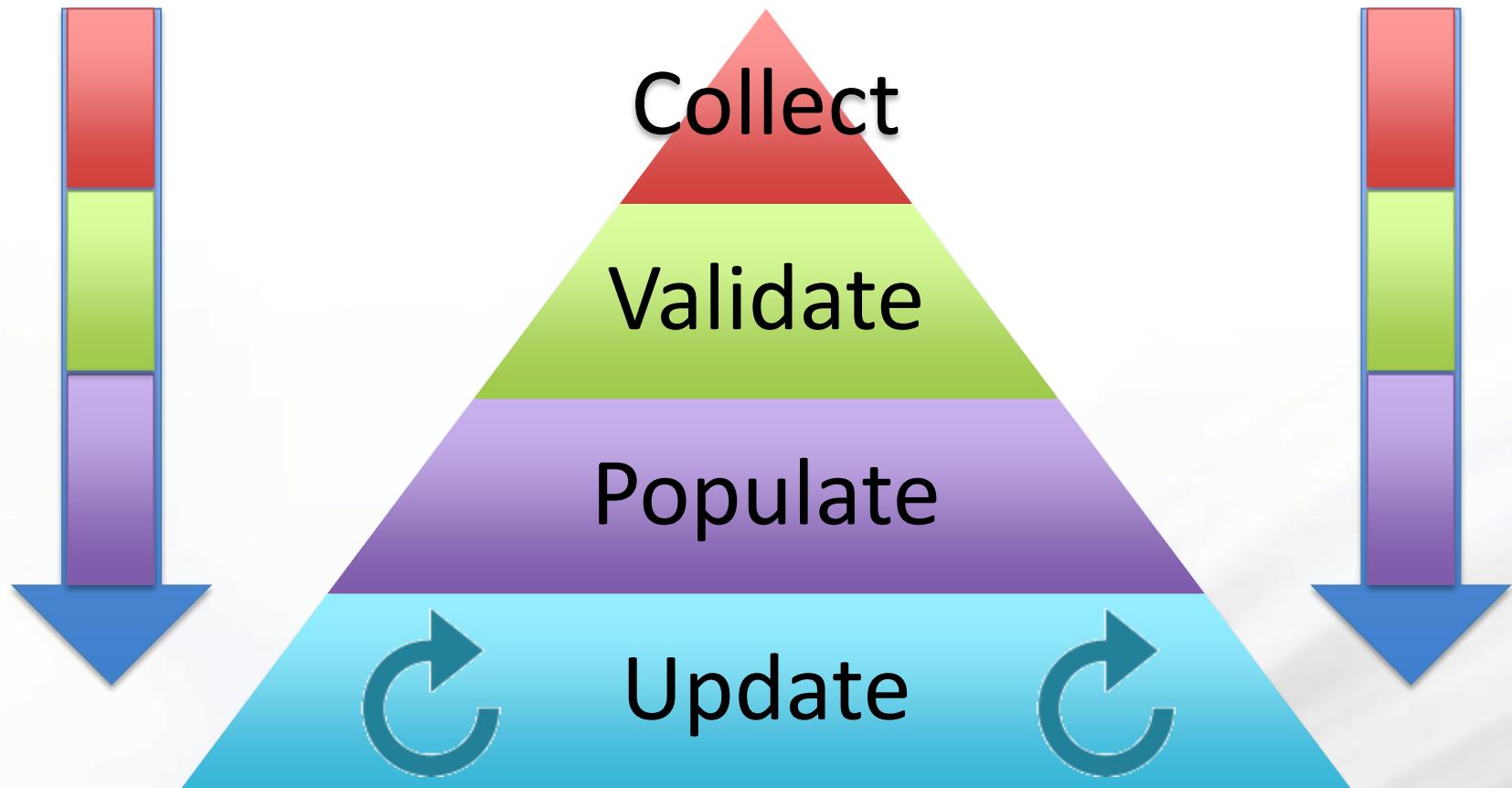
Connected metadata bridges the gaps between systems and communities.



REUSABLE

Reusable, open metadata eliminates duplication of effort.

Identifier & Metadata Best Practices





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Thank you!

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