



MID-OHIO REGIONAL
MORPC
PLANNING COMMISSION

111 Liberty St., Suite 100
Columbus, Ohio 43215
www.morpc.org

NOTICE OF A MEETING
REGIONAL INFORMATION & DATA GROUP (RIDG)
MID-OHIO REGIONAL PLANNING COMMISSION
111 Liberty Street, Columbus, Ohio 43215

IN-PERSON Meeting with Hybrid Option Available

May 14, 2025, 2:30 pm – 4:00 pm

AGENDA

1. Welcome & Introductions – *Ethan Hug*

2. Updates – *Dave Dixon*

• **MORPC Updates**

Dave Dixon announced the launch of the MORPC Insights Platform, which aims to provide more data and insights at users' fingertips. The platform uses existing data and tools, such as ArcGIS Online, to make frequently requested items easily accessible. The platform operates under the principle of 'no new data' and 'no new tools,' utilizing existing resources to provide valuable insights without the need for additional data collection or new software.

Dave also shared that MORPC now has a Data & Mapping Resources page on their website. This page includes links to the Insights Platform, Population Resource Hub, Mid-Ohio Open Data Site, and Leaders Listen Survey Series materials.

Dave reported that the Leaders Listen Economic Development Report was published and can be accessed from the Data and Mapping Resources page on MORPC.org. The report covers topics such as transportation, environmental sustainability, housing, and economic development.

Dave went on to announce the first-ever Economic Development Academy at MORPC, which will consist of sessions aimed at public officials, decision-makers, and agency administrators. The first class will be held on August 7, 2025, and interested participants can email Padmini Roy-Dixon for more information.

• **RDAC Updates**


Member Wilson discussed the Data Coaches Working Group listservs, which are meant to connect individuals between RIDG and COGUG meetings and to facilitate continuous communication and collaboration. Participants can join the listservs by scanning a QR code and registering for the Data or GIS listservs.

William Murdock, AICP
Executive Director

Chris Amorose Groomes
Chair

Michelle Crandall
Vice Chair

Ben Kessler
Secretary



Adam Porr provided an update on the Workforce Tracking Working Group, which focuses on capturing and evaluating job quality data and equity gaps in the workforce system. The Group has developed standards for job quality and is seeking feedback on their fact sheets. Participants interested in job quality or who know someone who might be can access the fact sheets and provide feedback through a QR code or URL shared in the chat.

3. Topic Discussion

- **Automating/Simplifying data governance – Christina Drummond (RDAC Chair)**
APIs, Persistent Identifiers (PIIDs) and standardized metadata facilitate impact data use at scale, substantial time and human resources are required across legal, privacy, and data teams to authorize, track, normalize, compile, and link sensitive metrics received from an ever-increasing number of platforms and services.

This talk will highlight outputs and lessons learned that have advanced a neutral, global data intermediary infrastructure to facilitate machine actionable impact data sharing between parties, supported by compliance and trust controls. Foundational research and results from a national infrastructure workshop will be summarized, prior to an introduction of the OA Book Usage Data Trust's efforts to develop and pilot a minimum viable "International Data Space" in line with emerging European requirements for certifiable data-intermediary infrastructure. Christina Drummond will introduce the emerging Dataspace Protocol and provide history around its Reference Architecture Model, prior to noting how both are being adapted for use by scholarly communications stakeholders seeking to exchange more granular, sensitive metrics in a more timely fashion to support higher quality analytics.

RDAC Chair Christina Drummond discussed the concept of data spaces, which allow for secure, auditable data transactions and data sovereignty. Data spaces are designed to support multi-party data sharing while ensuring data remains under the control of the data owner, addressing risks and increasing trust at the protocol level.

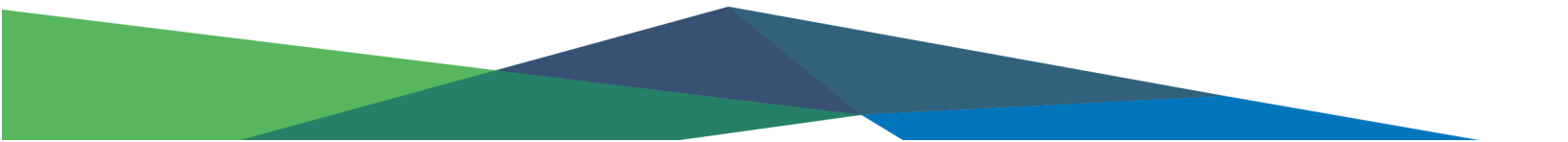
European Data Strategy


Christina shared her experience working with the European data strategy, which aims to unlock data sharing across industries through a unified protocol, supported by the European Commission's Horizon Europe program.

Technical Standards

The data space protocol is an emerging technical standard, currently a draft in front of the International Standards Organization (ISO), aiming to become a global standard for secure data sharing.

Christina explained the Data Spaces Protocol, which is being developed in Europe to manage data sharing at scale between organizations. The protocol aims to support multi-party data sharing while maintaining data sovereignty and reducing risks. The technical implementation of the protocol includes secure data connectors, machine-actionable data sharing agreements, and dynamic routing of data requests, ensuring peer-to-peer data transfers are authenticated





and logged. The protocol includes a community governance model to oversee data sharing activities, set norms for participation, and address issues such as security breaches and trust violations, providing more control and accountability than current methods.

Open Access Book Usage Data Trust

Christina shared her work on the Open Access Book Usage Data Trust, which focuses on exchanging information about digital book usage to provide insights for authors, publishers, and funders. The project aims to create a data space for scholarly communications. Some of the challenges faced in this project are data sensitivity and regulatory differences. She highlighted the importance of transparency, accountability, and neutrality in data spaces to address these challenges.

European Data Spaces Examples

Christina provided examples of European data spaces, such as the Mobility Data Space, European Data Space for Smart Communities, and the Platoon Project. These examples demonstrate the potential for data spaces to address various challenges and unlock new insights.

Legal and Technical Considerations

Christina and the attendees discussed the importance of legal and technical considerations in implementing data spaces. They emphasized the need for collaboration between legal experts and technologists to ensure compliance with data regulations and support secure data sharing.

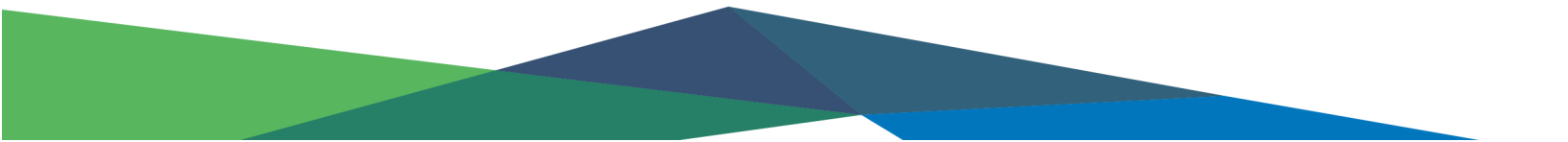
4. Closing Remarks / Adjourn – *Ethan Hug*

- **Future Meeting Topic Suggestions and Planning**

- Future Meeting Topics: General discussion
- General meeting: **Wednesday, August 13, 2025**, 2:30-4:00pm
Ethan Hug announced that the next RIDG meeting is scheduled for August 6, 2025, and will focus on the use of artificial intelligence in the nonprofit sector. Participants are encouraged to provide input on the specific topics they would like to hear about.

Please notify Lynn Kaufman at 614-233-4189 or LKaufman@morpc.org to confirm your attendance for this meeting or if you require special assistance.

**The next Meeting of the Regional Information & Data Group will be
Wednesday, August 6, 2025, 2:30 - 4:00 pm IN-PERSON with remote option available.**



Mid-Ohio Regional Planning Commission
Hybrid Meeting

Regional Information & Data Group Meeting

May 14, 2025

Attendees Present:

- Astrid Arca, Cogent Consulting Group
- Mikyung Baek, OSU
- Andy Barker, City of Westerville
- Andrew Bishop, Union County
- Christina Drummond, City of Powell
- Jochen Floesser, Houston-Galveston Area Council
- Rick Frantz, City of Dublin
- Kristen Gillenwater, City of Westerville
- Kirsten Haller, Rev1 Ventures
- Stephanie Joseph, Source Point
- Juliet Klein, Rev1 Ventures
- Bill LaFayette, Regionomics
- Sam McLaughlin, JobsOhio
- Rob Moore, Scioto Analysis
- Evan Naumann, Ohio Health
- Tom Noorkah, City of Columbus
- Kristen Pietras, Franklin County
- Langdon Sanders, City of Dublin
- Kyle Schaper, Licking County
- Kier Scott, Aspyr Workforce Innovation
- Matt Shade, Franklin County
- Bob Shoemaker, City of Westerville
- John Sutliff, Richland County Regional Planning Commission
- Dana Thompson, City of Columbus
- Kristy Wedel, AlignAI
- Jason Werner, Richland County Regional Planning Commission
- Andrew Wilson, City of Hilliard

Staff Present

- Dave Dixon
- Ethan Hug
- Lynn Kaufman
- Jessica Kuenzli
- Adam Porr

AUTOMATING & SIMPLIFYING MULTI-PARTY DATA ACCESS AND USE

BY EXPLORING AND ADAPTING THE EMERGING
DATASPACE PROTOCOL

Christina Drummond

Executive Director - OA Book Usage Data Trust

Hosted by the Univ. of North Texas Digital Libraries



Christina.Drummond@oabookusage.org



[@cjs_drummond](#)
[@oaebu_project](#)



Background



Education

- OSU BS (Social data sciences)
- GW MA (Int'l innovation & data policy, public research administration)

Professional Certifications

- Informational Privacy (IAPP)
- Data Stewardship (GovLab)
- Design Thinking (IDEO)
- International Business (UW)
- *AI Governance Professional – in progress (IAPP)*

Professional Experience

- BI, process optimization/automation, functional requirements gathering; (Chempoint, NPower)
- Data policy (ACLU, OSU),
- International network infrastructures (I2, OAEBUDT)
- Scholarly communications & cultural heritage (Educopia)
- Research admin and impact metrics, (UNT)

Public Service

- Research Data Alliance: Data Stewardship IG, AI Data Visitation IG
- NISO Usage and Impact Metadata WG (forming)
- Regional Data Advisory Committee, Mid-Ohio Regional Planning Commission

The concept of data sovereignty

Helping data owners have control over their data in data ecosystems

Keeping
data safe,
secure, and
accounted
for



when data wants to
travel at highspeed
alongside other data

*and interact with
other entities*

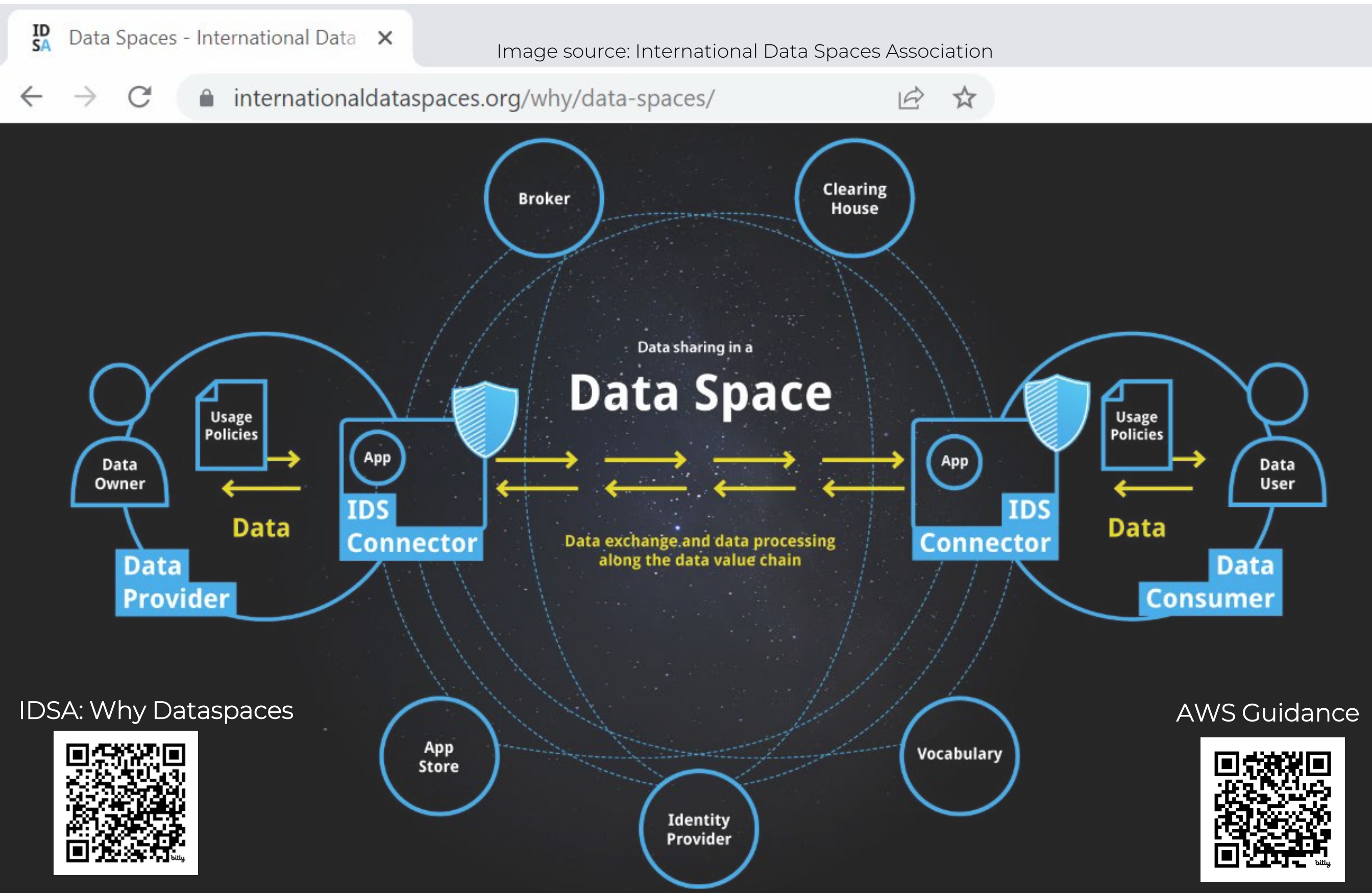


- Can more data
(about the data flows)
- increase trust
 - free up data for access
 - generate new data



The Dataspace Protocol and IDSA network

Protocol level framework for controlled data access management at scale



Technical controls
protect data during transit & processing

- Access
- Privacy
- Cybersecurity

Community Principles
& Ethical Guidelines

Set rules for participation, processing, access, and use

Participation terms & accountability measures

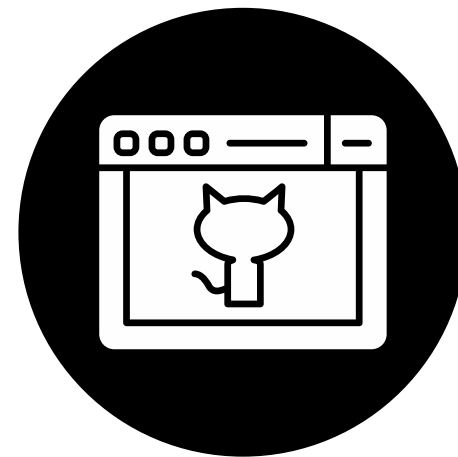
Address non-compliance to retain trust

- Common usage data sharing and use terms
- Shared accountability measures

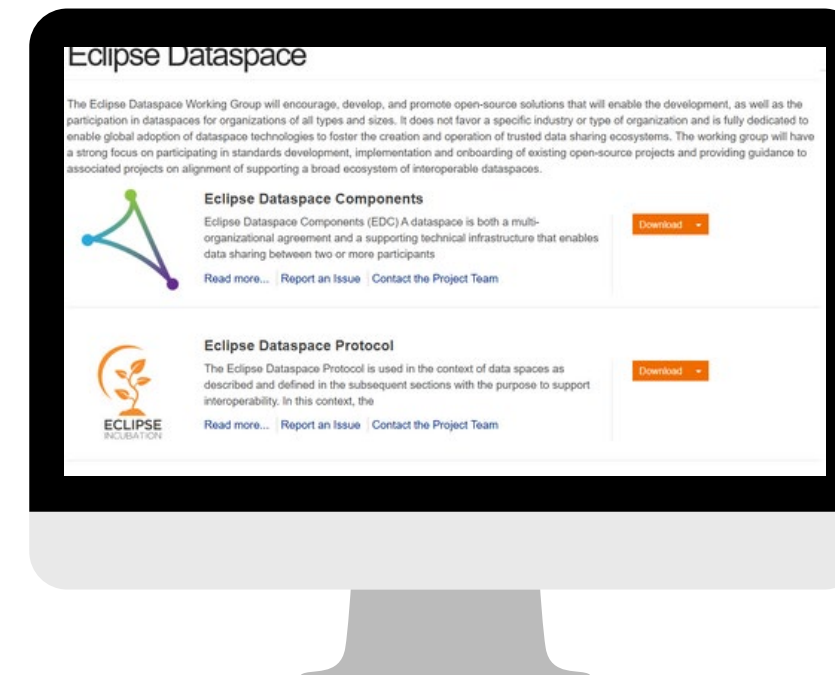
EMERGING GLOBAL, INDUSTRY AGNOSTIC DATA INTERMEDIATION PROTOCOLS (for an industrial data-mesh)



Nagel, L., & Lycklama, D. (2021). Design Principles for Data Spaces - Position Paper (1.0). Zenodo.
<https://doi.org/10.5281/zenodo.5105744>



github.com/International-Data-Spaces-Association/IDS-RAM_4_0



<https://projects.eclipse.org/working-group/eclipse-dataspace>

Governance and
technology “building
blocks”



Reference
Architecture



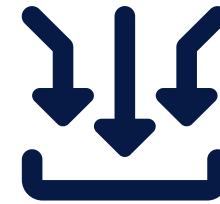
Data connector
Protocol
(EDC)



Interoperable
industry-specific
implementations



WHY USE A DATASPACE



Manage partner
data access
in one place



Replace manual process
& data harvesting with automated
rules-based data exchange



Facilitate multiparty data
access, confidential
computation, and auditing



Improve data
discovery, metadata
and interoperability

eBook usage as a data asset

About our use case – what data our community is trying to exchange

Libraries Need Trusted Data

Library staff collate, aggregate, and benchmark metrics for reporting and operations



Author, institutional,
funder reports



OA Program Decisions



Research Impact
Metrics (CRIS / RIM)



Collection
Development



Library Administration



Press / Publishing
Operations



Vendor Negotiations

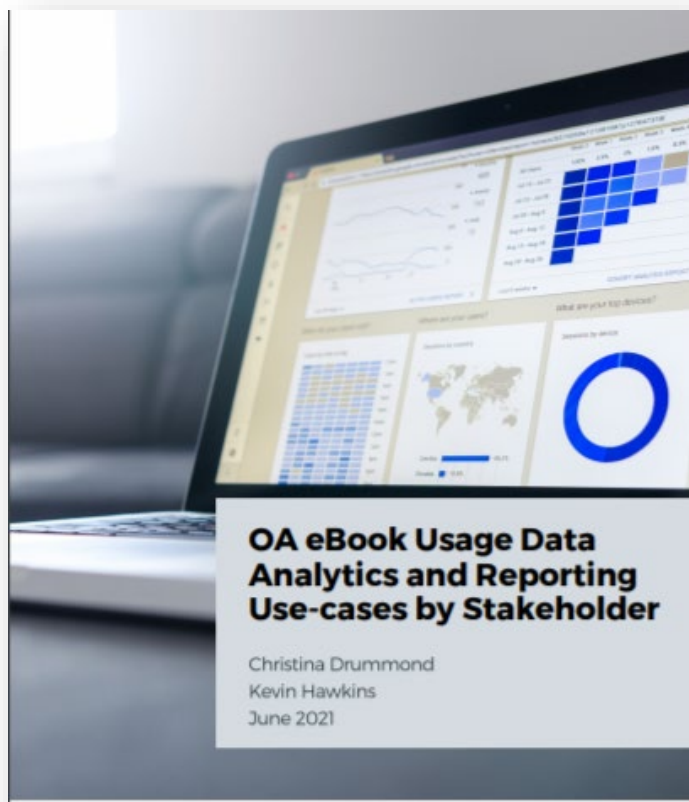


Trust, quality, timeliness,
and data context matters

Developing a Pilot Data Trust for Open Access Ebook Usage



Communities of Practice Focus Groups



OA eBook Usage Data Uses by Stakeholder Type



Drummond C. and Hawkins K., *OA eBook Usage Data Analytics and Reporting Use-cases by Stakeholder*
<https://doi.org/10.5281/zenodo.5572840>

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SCHOLAR OPEN ACCESS EBOOK USAGE (OAEBU) DATA USE CASES

Scholars may interact with OAEBU data as authors; as acquisition, volume, or series editors; when under promotion and tenure review; or when serving on review committees. In these roles they hope to understand and report on how particular works are used, recognizing usage data as a complementary indicator to citations and sales data. OAEBU data can illuminate reader demographics. It also holds the promise of surfacing impacts and opportunities related to scholarly, media, policy, or classroom use. It can help authors to evaluate the effectiveness of their book marketing efforts, navigate book dissemination options, and weigh possible publishers for future work. For editors, OAEBU data may inform acquisitions and recruiting by illustrating potential audiences, niches, or demand for new editions. It also can provide supporting data for author recognition while surfacing opportunities to promote scholarship across disciplines. In terms of peer review, OAEBU data may inform both the assessment of and advocacy for a candidate's scholarship, providing context for the use of impact factors and citation metrics. It also may be useful for authors wanting to understand usage patterns when defending against misinformation or attacks on scholarly freedom.

Like other stakeholders, scholars are challenged to understand book usage across reports provided by multiple sources. In addition, they may have ethical or privacy concerns over who has access to their personally identifiable OAEBU data in the absence of notice and control mechanisms that grant them the ability to understand and authorize third-party viewing and use of such information.

Author
 Editor
 Hiring/P&T

Use Case 1.

Understand discovery channels

How do individuals find and access the content?

Personas

- a. Inform planning for a new book to frame book pitch**
 - i. to understand how people discover, download, purchase similar books
- b. Evaluate potential ways to host/disseminate the book**
 - i. by seeing where readers are downloading OA versions from
 - ii. to understand how people discover OA versions via
 1. social media
 2. marketing campaigns
 - iii. to understand whether individuals know an OA version exists
- c. Understand the relationship between OA downloads and print sales**
 - i. to know if an OA version drives purchasing
 - ii. to understand how people interact with sample pages

Why | How

OA EBOOK USAGE DATA | SCHOLAR USE-CASES 3

LIBRARY OPEN ACCESS EBOOK USAGE (OAEBU) DATA USE CASES

Libraries use OAEBU data to report the impacts and usage of OA books to authors and administrators at their institution. When leveraged for analytics, OAEBU data can support library collections development, strategic planning, and OA resource promotion, in addition to OA program strategy, budgeting, and fund development. Access to OAEBU data can inform book benchmarking and dissemination strategy for librarians. It can illuminate the global and local impacts of OA investments while clarifying how readers access OA books through varied discovery platforms. Library staff roles that may interact with OAEBU data go beyond a library's administrators to roles such as subject librarians (liaisons), collections assessment staff and collections development managers, electronic resources librarians, and research support staff. Library IT staff supporting e-resources and systems may be responsible for OAEBU data management, curation, and visualization.

Multiple challenges face libraries working with OAEBU data. Reader privacy protections make it difficult to know if unauthenticated eBook usage is related to affiliated patrons. Non-standardized approaches to processing data for chapters and compilations cloud the reporting of OAEBU. OAEBU data management, curation, and linking are complex and time intensive. In addition to compiling COUNTER and non-COUNTER compliant data from library management systems, publishers, and book dissemination or aggregation services, staff may be asked to link OAEBU data to other institutional research datasets. Such time-intensive activities require expertise in data analytics, bibliometrics, and book publishing metadata that may be beyond what's available to smaller libraries.

Dean, University Librarian
 Scholarly Communication
 Collections Development

Liaison Librarian
 IT

Use Case 1.

Promote OA publishing opportunities

Personas

"Faculty data can inspire students to publish OA."

- a. Provide data to support OA evangelism and advocacy aimed at encouraging people to publish OA**
 - i. to show examples of audience reach and platform-specific access for
 1. prior OA publications by authors in similar field
 2. open educational resources.
 - ii. to support outreach to library patrons and constituents
 1. PhD students
 2. faculty
 3. state or provincial library programs
 4. alumni or public patrons
 - iii. to support fundraising

Why | How

OA EBOOK USAGE DATA | LIBRARY USE-CASE 13

UNIVERSITY PRESS OA EBOOK USAGE (OAEBU) DATA USE CASES

University presses and library publishers leverage OAEBU data to support marketing, sales, and editorial strategy. They share OAEBU data to support their editors in attracting prospective OA authors and collaborating with current authors. In addition, they use OAEBU data to describe OA activity for fundraising and institutional reporting. OAEBU data may also surface trends and niches among discovery platforms, signal potential markets for print distribution or translated editions, and illuminate the impacts of OA investments. Staff roles that can benefit from OAEBU data include press directors and their editorial, sales, marketing, and grant writing teams.

Challenges to benefiting from OAEBU data stem from the need to manage, curate, and normalize inconsistent usage data provided by publishing platforms and services. Such data wrangling is time-intensive, requiring expertise in data analytics, bibliometrics, and book publishing metadata. These resource requirements apply as well to the provisioning of COUNTER-compliant reports to authors and other stakeholders, and may be beyond what's available to smaller presses. Balancing data curation and analytics to inform internal press operations against report and visualization development to meet demand is a resourcing choice smaller presses in particular must confront.

Press Director
 Sales and Marketing
 Editorial and Acquisition
 Research Admin.

Use Case 1.

Inform marketing strategy

Personas

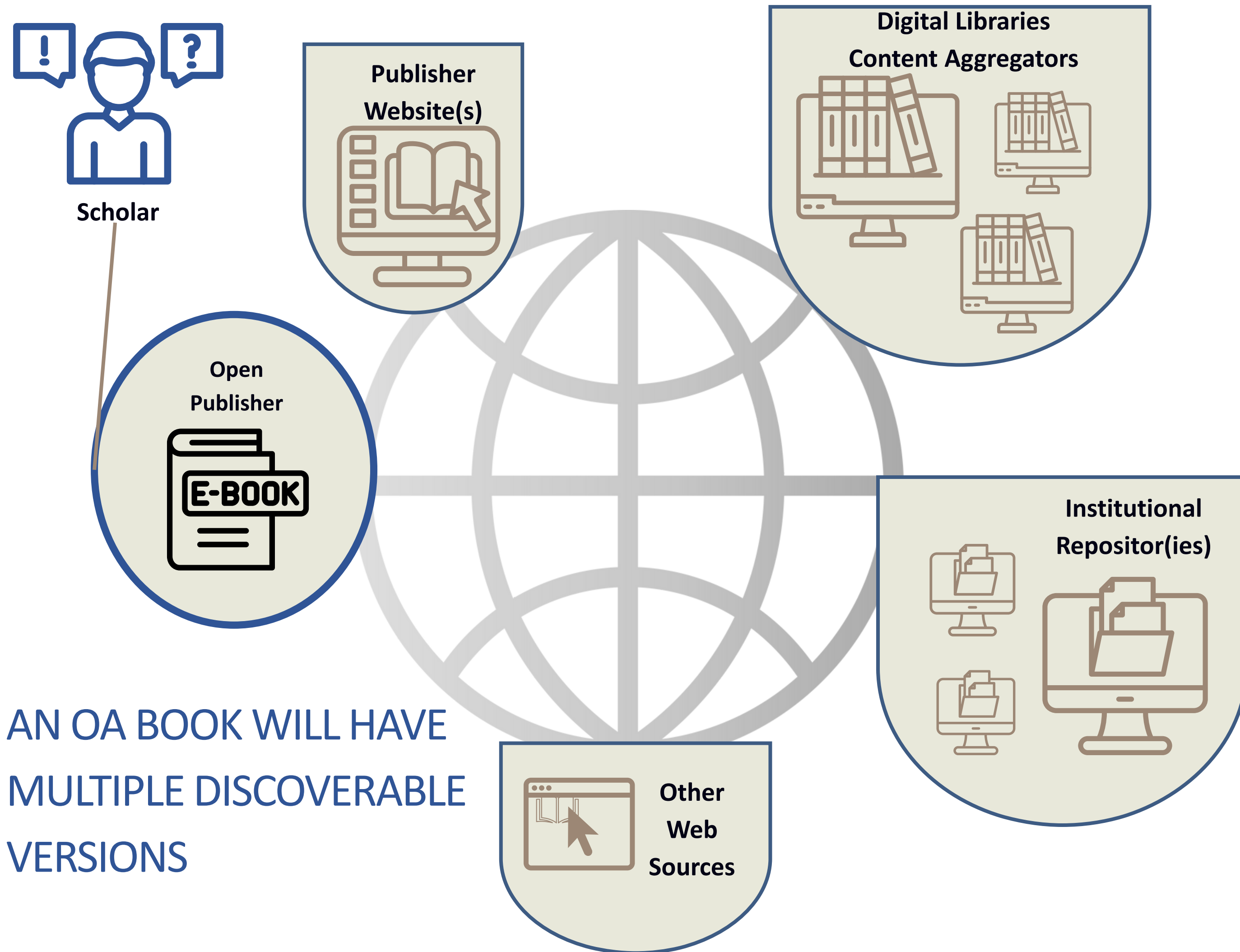
"I'd like to know what a reader might want from a product to then support and drive further customer interaction."

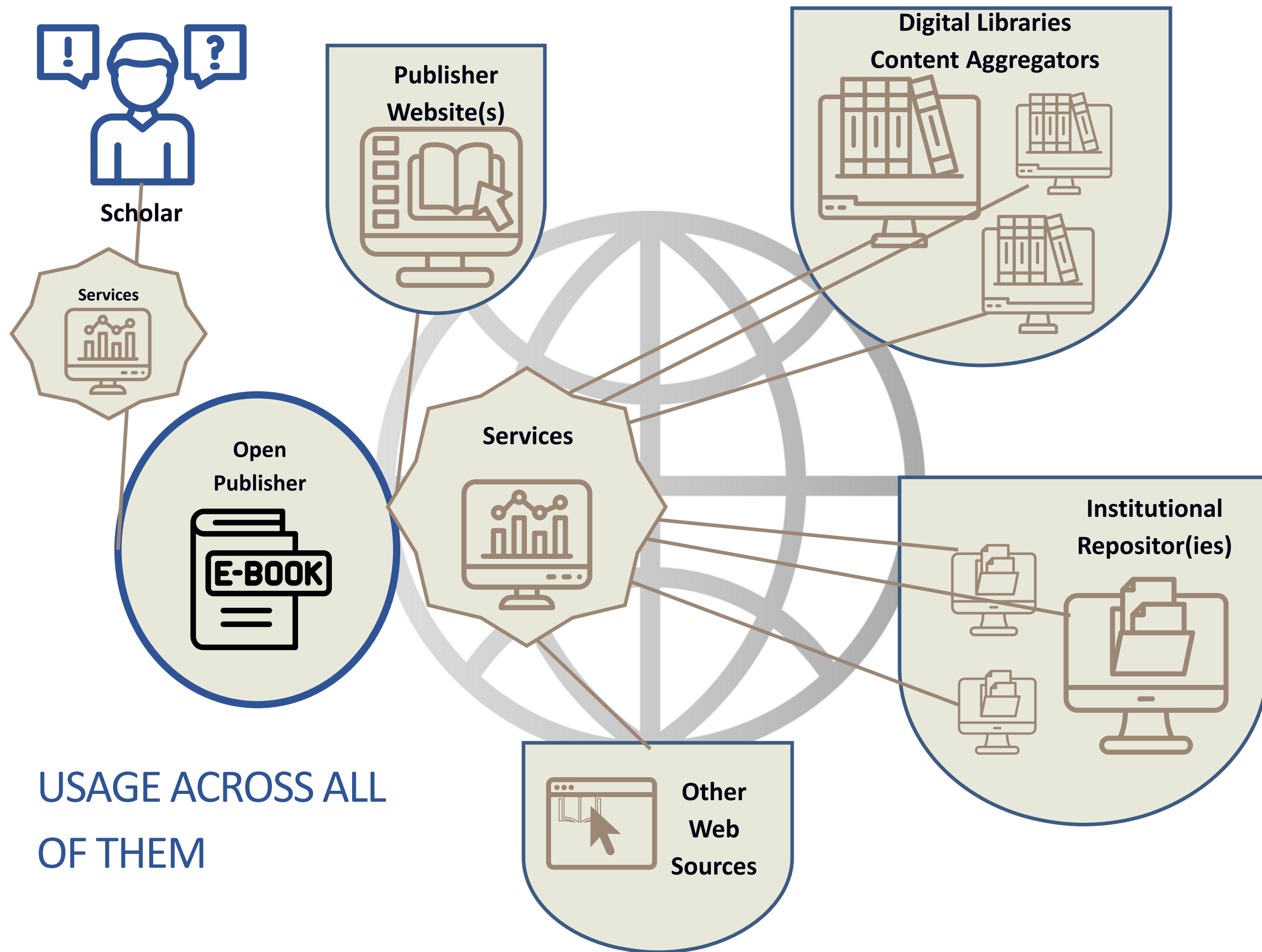
- a. Understand eBook audiences and end uses**
 - i. by geographic distribution**
 1. to identify where there is niche content interest
 2. to understand how books are used in specific areas of the world
 3. to view what usage is like in places where OA eBooks are the only accessible option
 - ii. by niche usage communities**
 1. within universities
 - a. to report disciplinary access and use
 - i. by faculty
 1. in teaching, e.g. Accessing one or all chapters, or cited in a syllabus on opensyllabus.org
 2. in scholarship / research
 3. for personal interest
 - 4. to understand tenured vs. non-tenured usage differences
 1. in class
 2. for scholarship
 - iii. by undergraduate students in class
 - iv. by librarians

Why | How

OA EBOOK USAGE DATA | UNIVERSITY PRESS USE-CASES 17

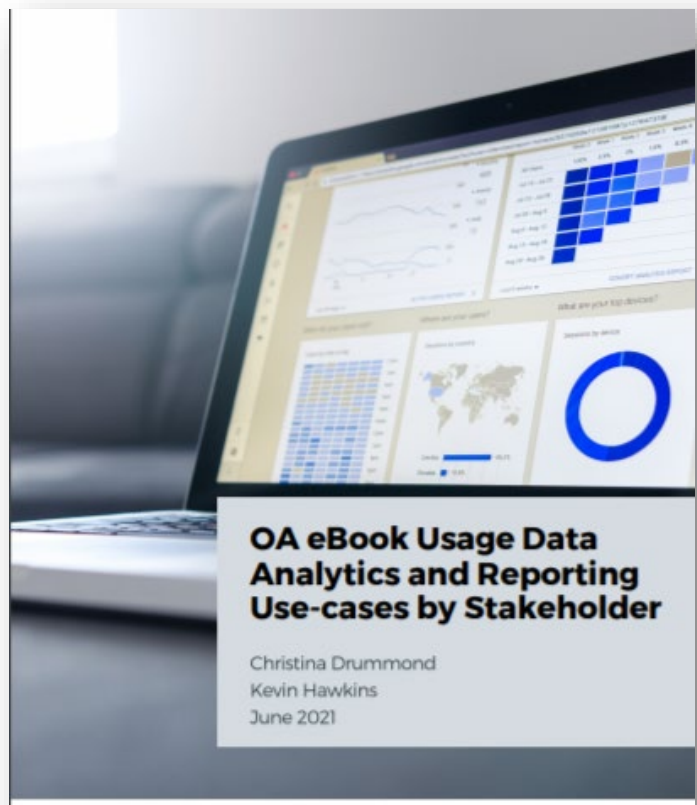
Surfaced detailed insights into analytics demand by institutional role





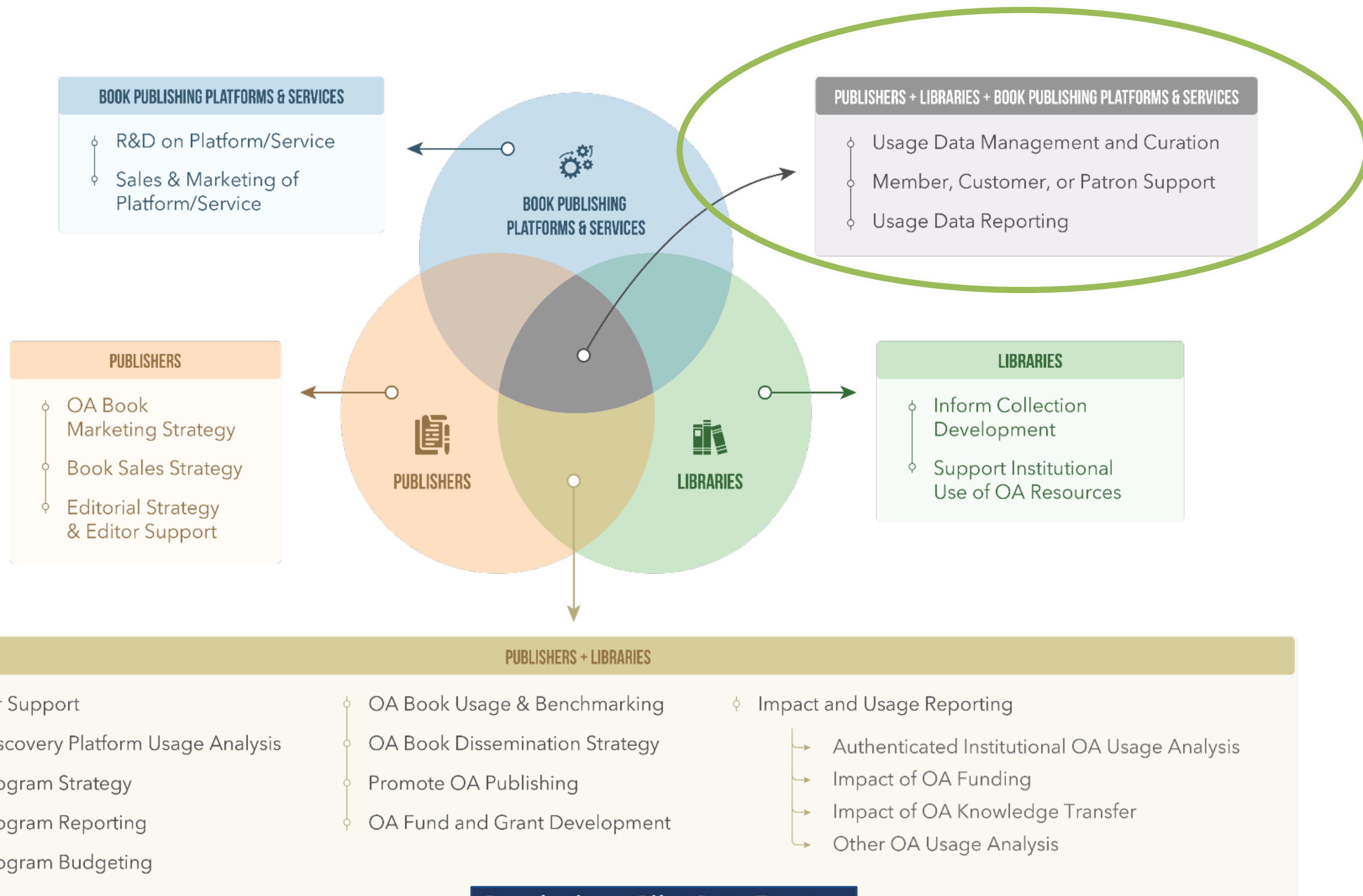
USAGE ACROSS ALL
OF THEM

Publishers, libraries, vendors all curate, normalize the same data



OA eBook Usage Data Uses by Stakeholder Type

Drummond C. and Hawkins K., *OA eBook Usage Data Analytics and Reporting Use-cases by Stakeholder*
<https://doi.org/10.5281/zenodo.5572840>



But supporting data comes in lots of varieties...

- may be PII (in some jurisdictions)
- may not adhere to industry standard

IMPACT



OPERATIONS



and others...

COUNTER METRICS

Delivering The Standard For Usage Metrics

Known as the Code of Practice, the COUNTER standard means that publisher aggregators and technology providers can deliver credible, consistent, and comparable usage metrics.



Code of Practice

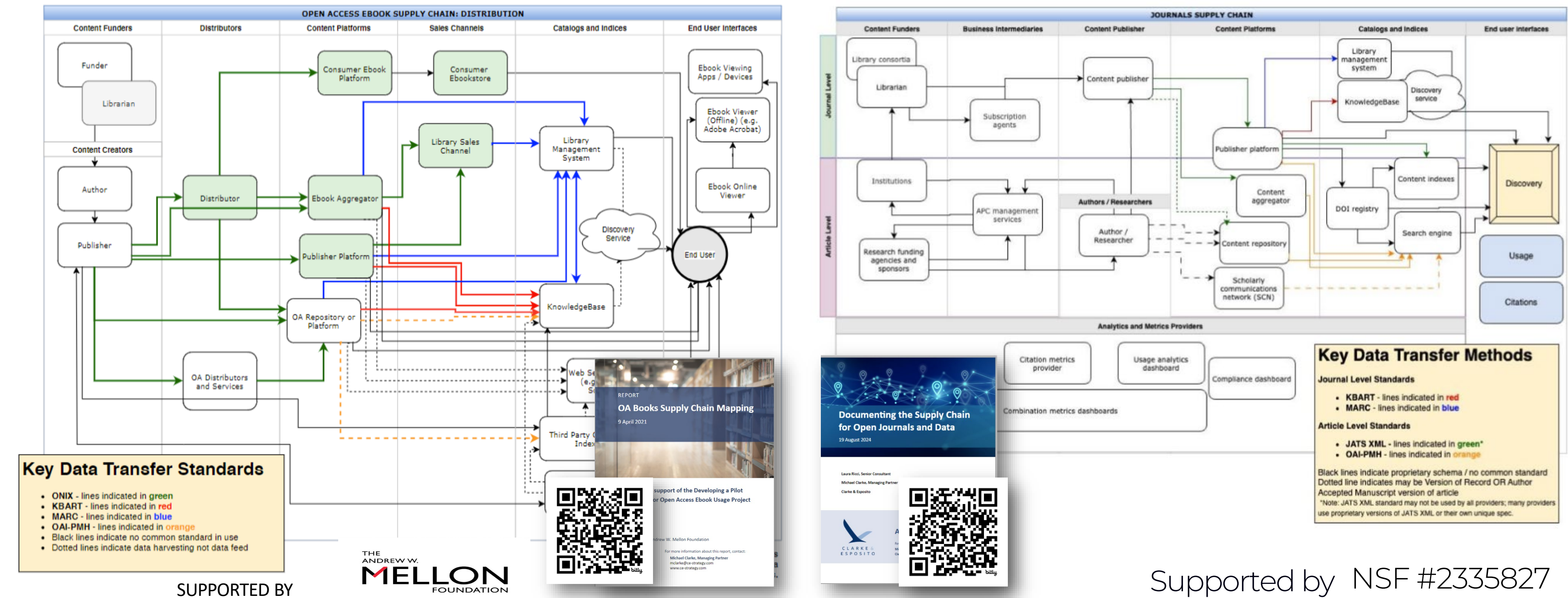


Education

MULTIPLE DATA TRANSFER STANDARDS

Diagrams by Laura Ricci and Michael Clarke, Clarke & Esposito

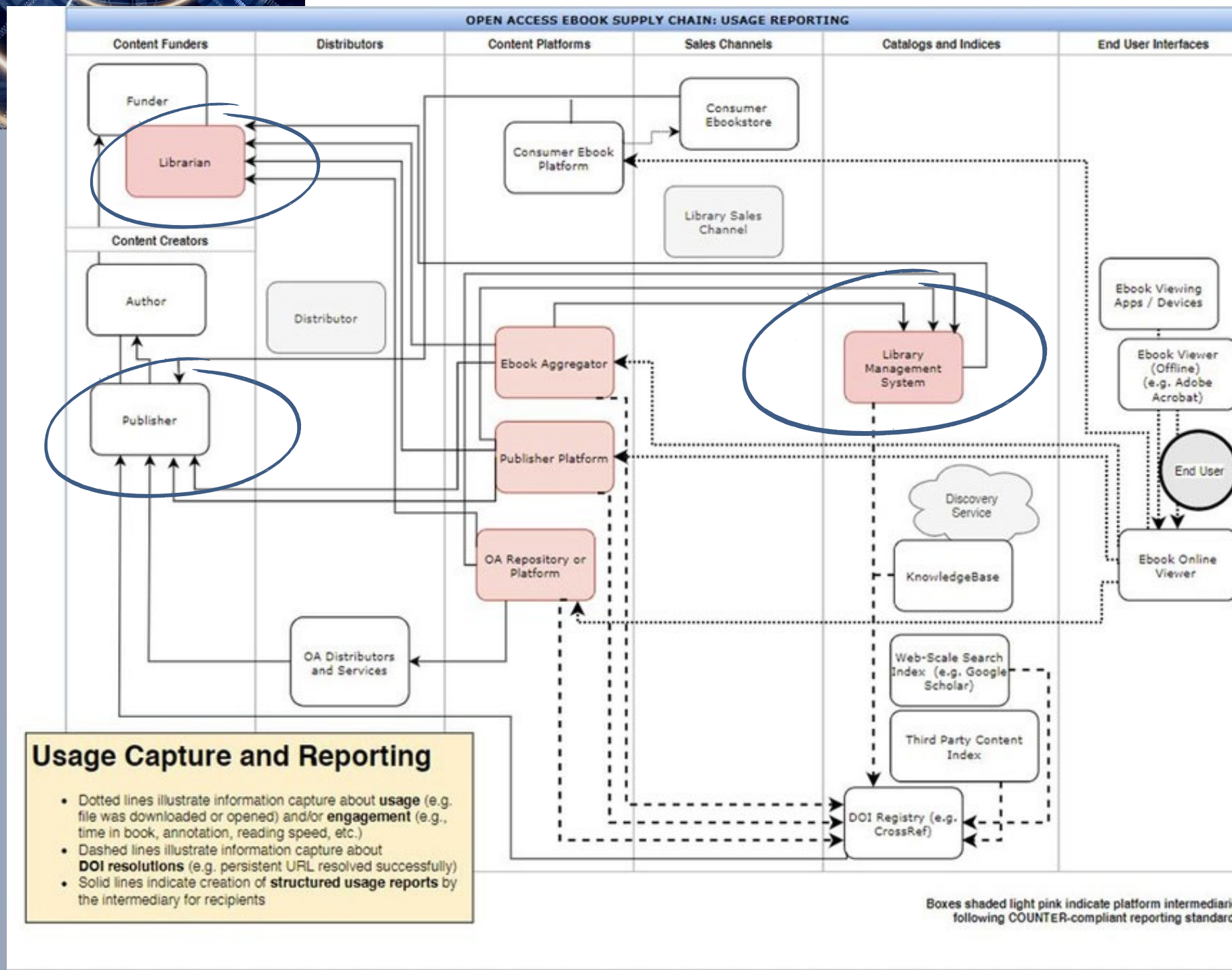
Comparing Open Books to Open Journals



Supported by NSF #2335827



OPEN ACCESS EBOOK Usage data Supply Chain



Clarke, M., & Ricci, L. (2021).
Open Access eBook Supply Chain Maps for
Distribution and Usage Reporting. Zenodo.
<https://doi.org/10.5281/zenodo.4681871>



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MELLON
FOUNDATION



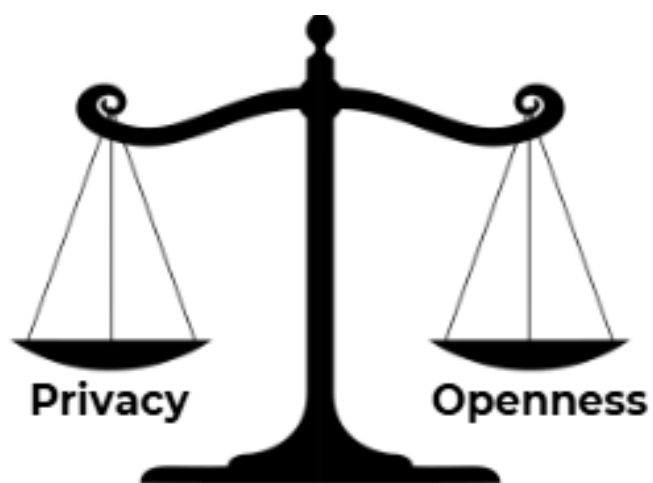
Can the usage data
just be made open?

Open Content



**Sensitive
Usage Data**





e.g. COUNTER Metrics
(Aggregated count)

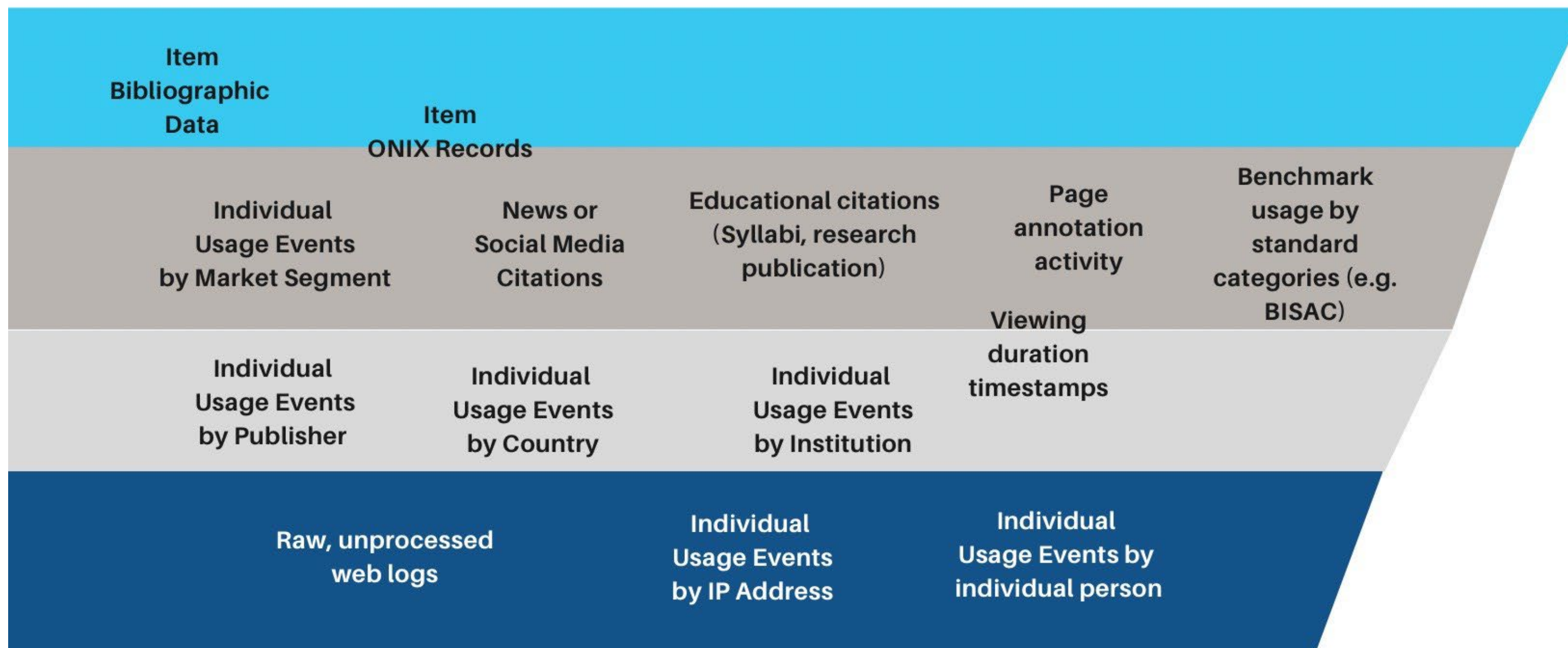
USAGE DATA SENSITIVITY

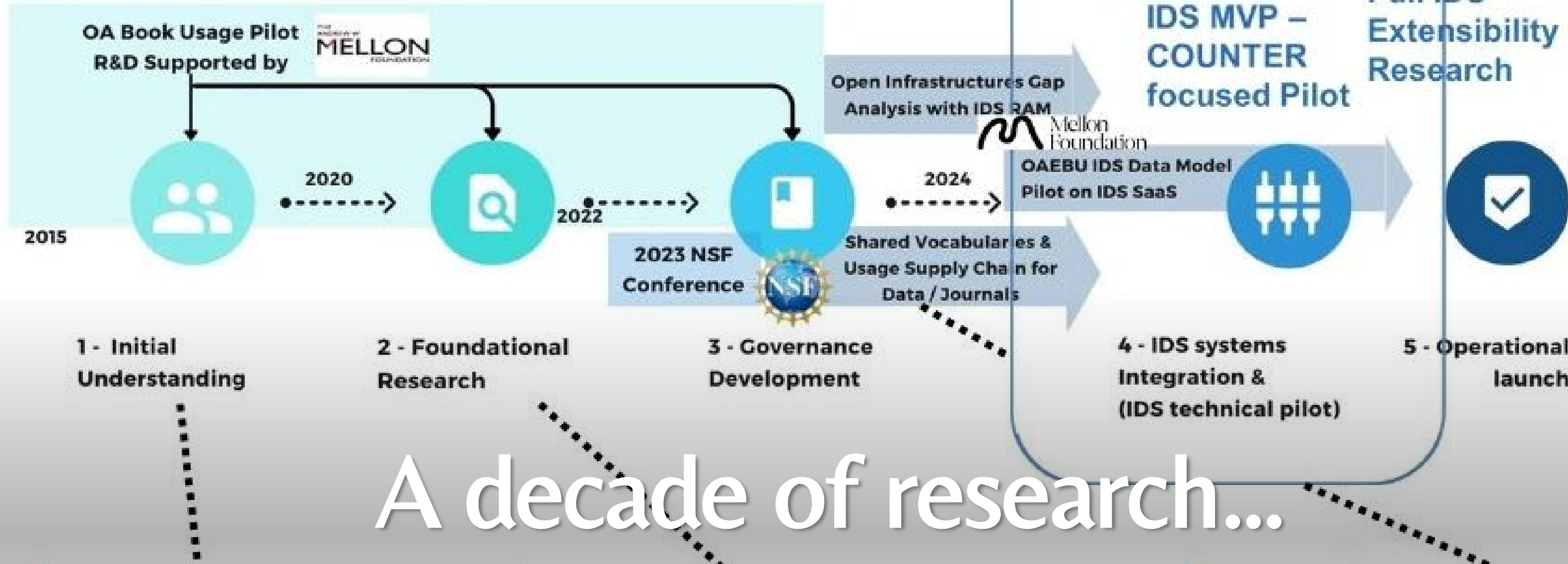
"How sensitive are various types of data elements - which can be openly shared and which must be protected with sharing as controlled as necessary?"



1 - Non-sensitive

3 - Very sensitive





A decade of research...

RESEARCH PROJECT 2018-2019

IDENTIFYING SHARED INTERESTS AND OA BOOK USAGE CHALLENGES

SAMPLE DELIVERABLES RE CHALLENGES

1. Exploring Open Access Ebook Usage report (O'Leary & Hawkins, 2022)

2. Building a Trusted Framework for Coordinating OA Monograph Usage Data paper (Neylon et al, 2022)

Zenodo community

SCAN ME

RESEARCH PROJECT 2020-2022

DEVELOPING A DATA TRUST FOR OPEN ACCESS EBOOK USAGE

SAMPLE DELIVERABLES RE CHALLENGES

1. OA Books Supply Chain Mapping Report (Clarke & Ricci, 2021)

2. OA eBook Supply Chain Maps for Distribution and Usage Reporting (Clarke & Ricci, 2021)

3. OA eBook Usage Data Analytics and Reporting Use Cases by Stakeholder (Drummond & Hawkins, 2023)

Zenodo community

SCAN ME

RESEARCH PROJECT 2023 - 2024

SECURE RESEARCH IMPACT METRIC DATA EXCHANGE: DATA SUPPLY CHAIN AND VOCABULARY DEVELOPMENT

DELIVERABLES

1. Vocabularies Crosswalk (Kemp, 2024)

2. Journal and dataset usage supply chain report, noting extensibility to book usage (Ricci & Clarke, 2024)

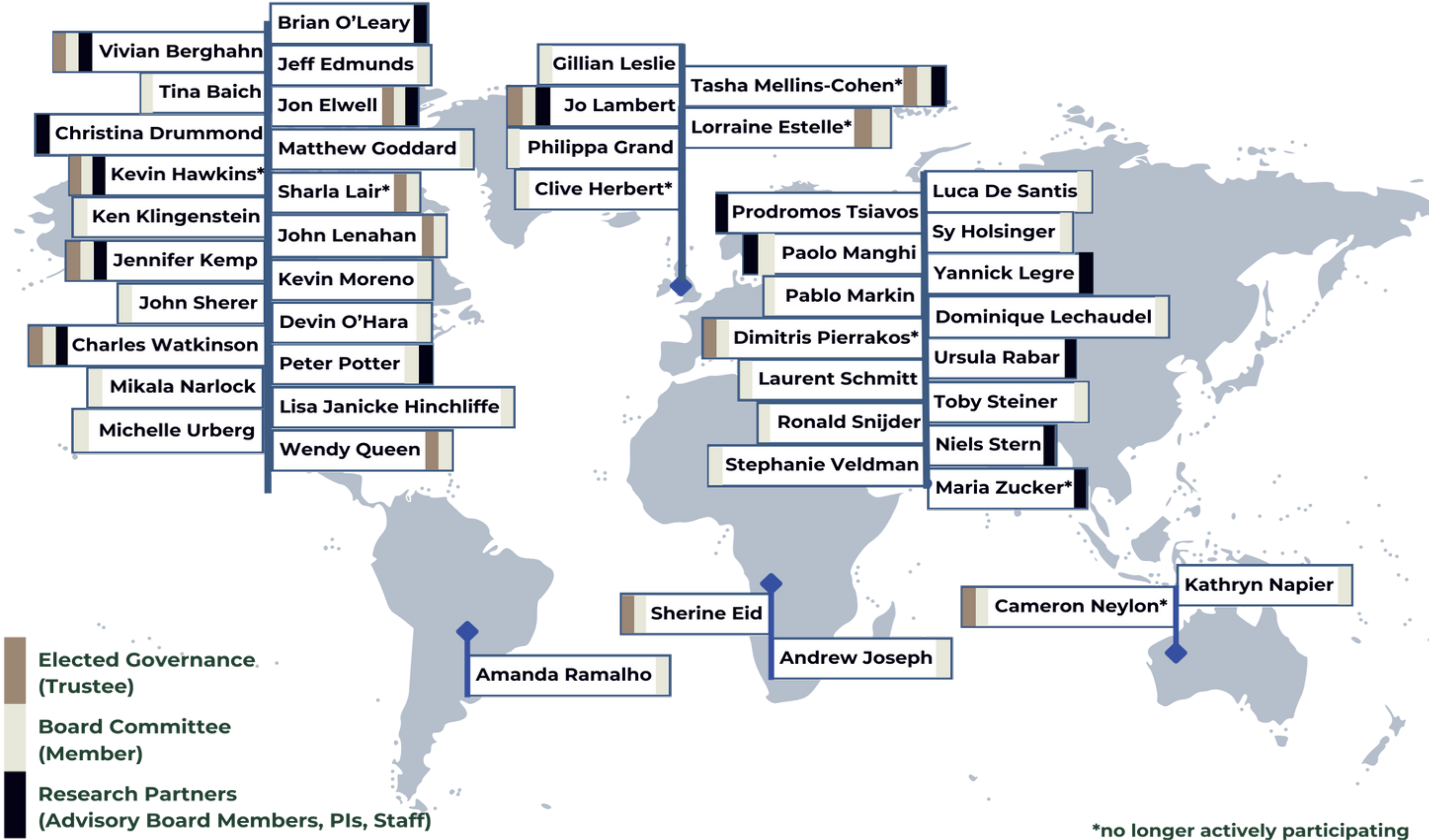
Zenodo community

SCAN ME

PROJECT INVESTIGATOR Christina Drummond, OAEBU/DT/UNT

SUPPORTED VIA NSF #2333027

OA BOOK USAGE DATA TRUST EFFORT GOVERNANCE AND ADVISORS 2020-2024





Automating OA Book Usage
Data Aggregation & Visualization
Research

2020-2022 technical deliverables produced by Curtin University:

- GitHub repository of Apache Airflow workflow automation code
 - **fetch, process, and analyze** usage data from DOAB, Google Analytics, Google Books, IRUS-UK, OAPEN, ONIX, UCL Discovery
- Workflow documentation
 - ingest>processing>output of OA book usage data
 - mapping book products
 - linking metrics,
 - exporting results workflows for

<https://github.com/The-Academic-Observatory/observatory-platform/projects/19>

Developing a Pilot Data Trust for Open Access Ebook Usage



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SUPPORTED BY THE ANDREW W. **MELLON** FOUNDATION

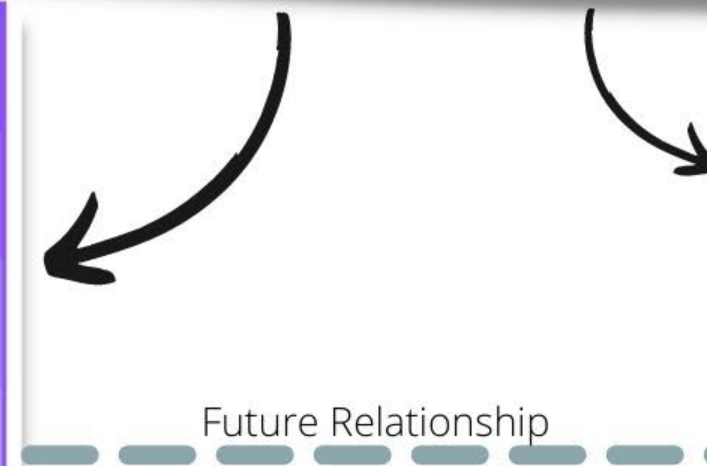
UNDERSTAND DATA ISSUES & ECOSYSTEM	FOSTER COMMUNITY	OPEN-SOURCE PLATFORM R&D	INFORM ROADMAP
<ul style="list-style-type: none"> Exploring Open Access Ebook Usage (2019) http://dx.doi.org/10.17613/8rty-5628 OA Books Supply Chain Mapping Report (2021) https://doi.org/10.5281/zenodo.4681724 OA eBook Usage Data Analytics and Reporting Use Cases by Stakeholder (2021) https://doi.org/10.5281/zenodo.5572840 	<ul style="list-style-type: none"> Advisory Board Technical Advisory Group Working Groups Stakeholder Groups Engaging Stakeholder Networks to Support Global OA Monograph Usage Analytics (2020) https://doi.org/10.5281/zenodo.5567205 	<ul style="list-style-type: none"> Usage Data Aggregation Technical Requirements Academic Observatory Github Five publisher dashboard pilots OAPEN pilot Community feedback 	<ul style="list-style-type: none"> Legal Analysis (2021) Data Trust Environmental Scan (2021) Initial Data Analytics Reporting Business Model Canvas (2021) Initial Data Exchange Network Business Model Canvas (2021)



OA Book Usage Data Trust
(c/o OPERAS)



Book Analytics Service
(c/o OAPEN)

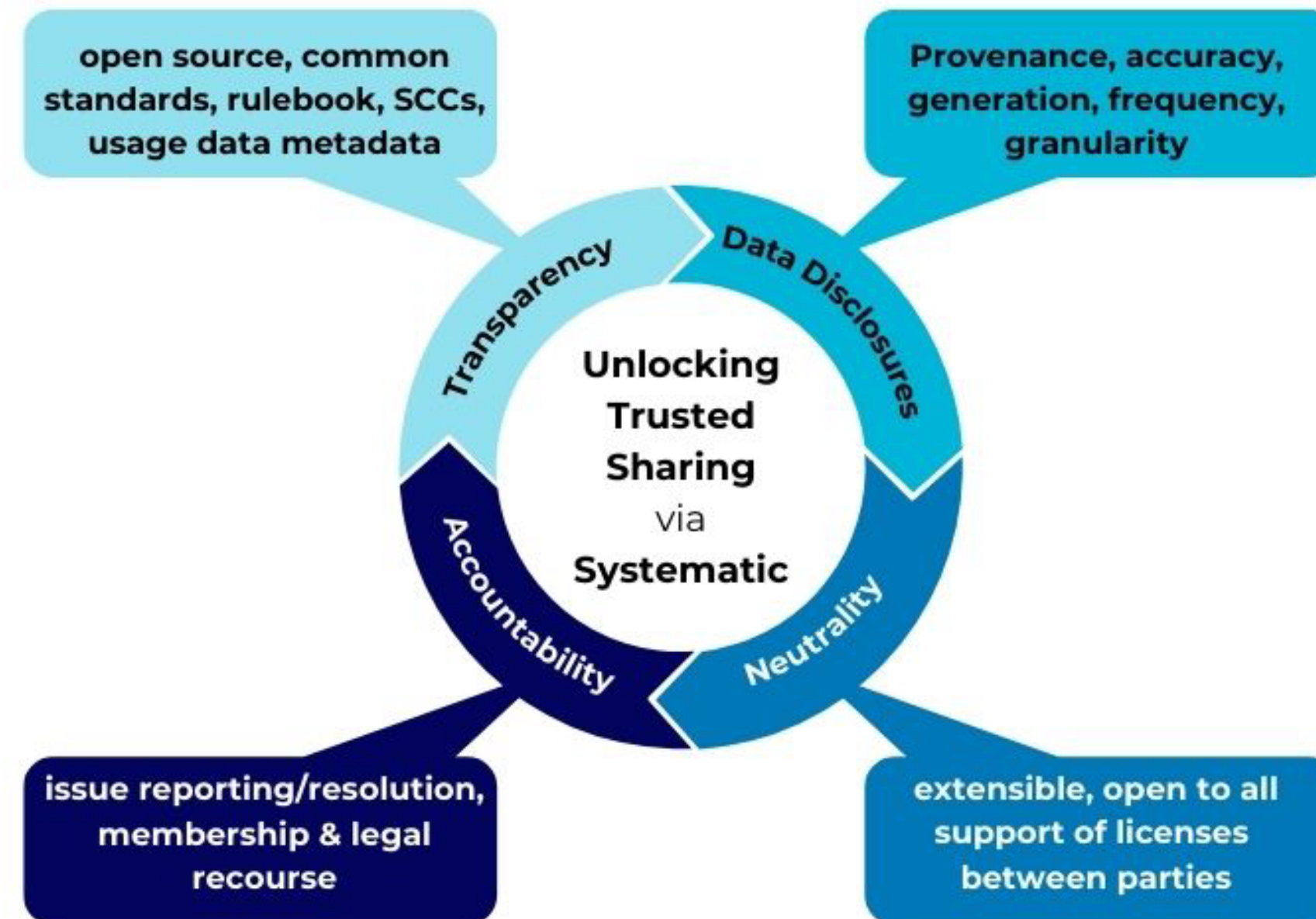


Generic data space value proposition c/o IDSA

“to 'enable secure and sovereign data sharing
for joint value creation'”

Mertens, C., Verbrugge, S., Herregodts, A.-L., & Kraemer, P. (2024). Data Spaces Business Models (Version 1.0). Zenodo. <https://doi.org/10.5281/zenodo.14101303>

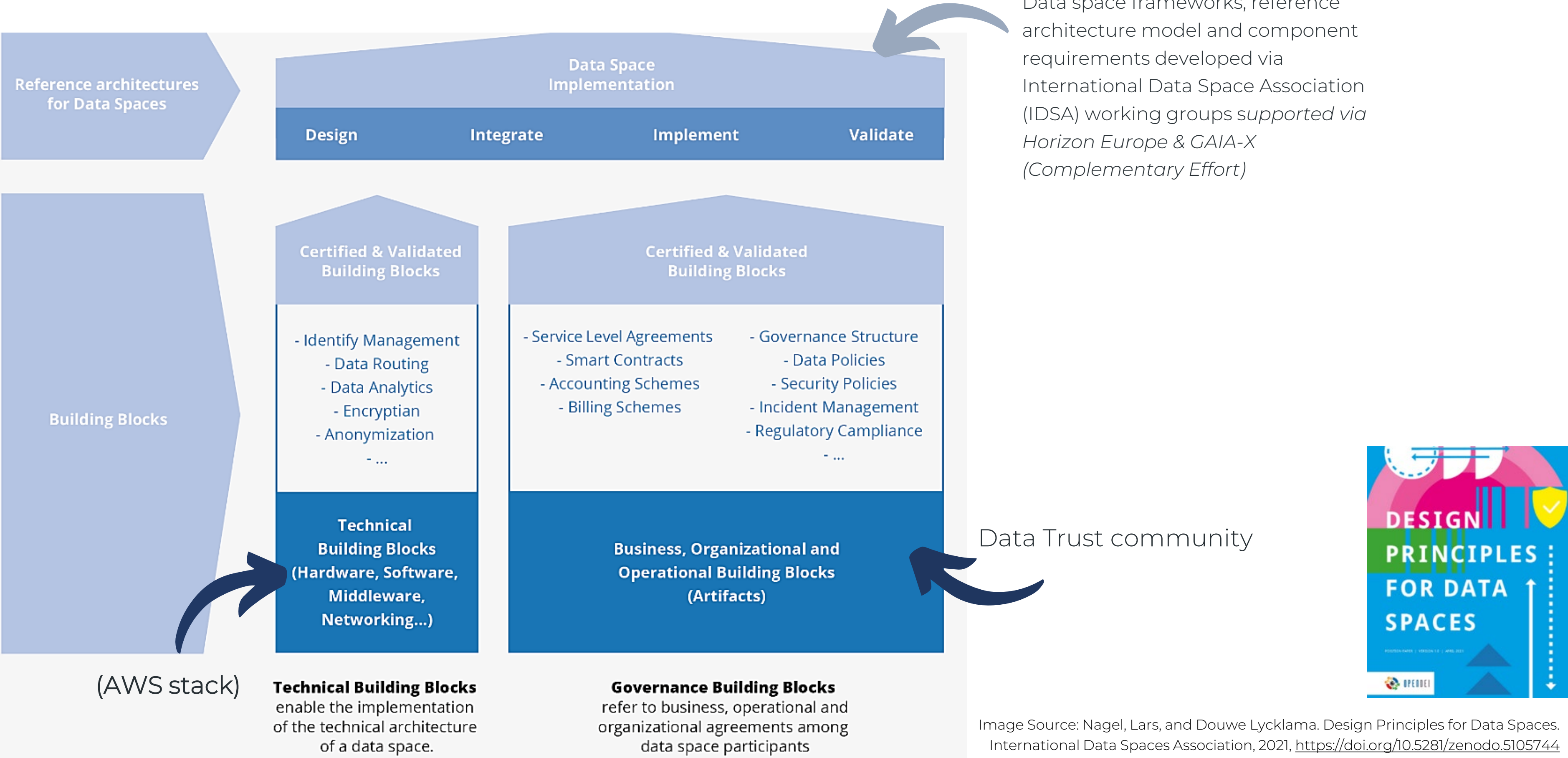
Real value results
from innovative
joint products or
services made
possible via
sensitive data
discovery and
access ecosystem





Piloting Controlled, Audited Data Asset Exchange

Piloting dataspace building blocks via the OA Book Usage Data Trust community effort





OAEBUDT-IDS “ALPHA” PILOT

MVP: COUNTER-compliant Book and Chapter item metrics

IDS Developers



IDS Coordinating
Office Fiscal Sponsor



Alpha Cohort
Data Connector Provider +/- Recipients



Taylor & Francis



MICHIGAN PUBLISHING
UNIVERSITY OF MICHIGAN



JSTOR



punctumbooks

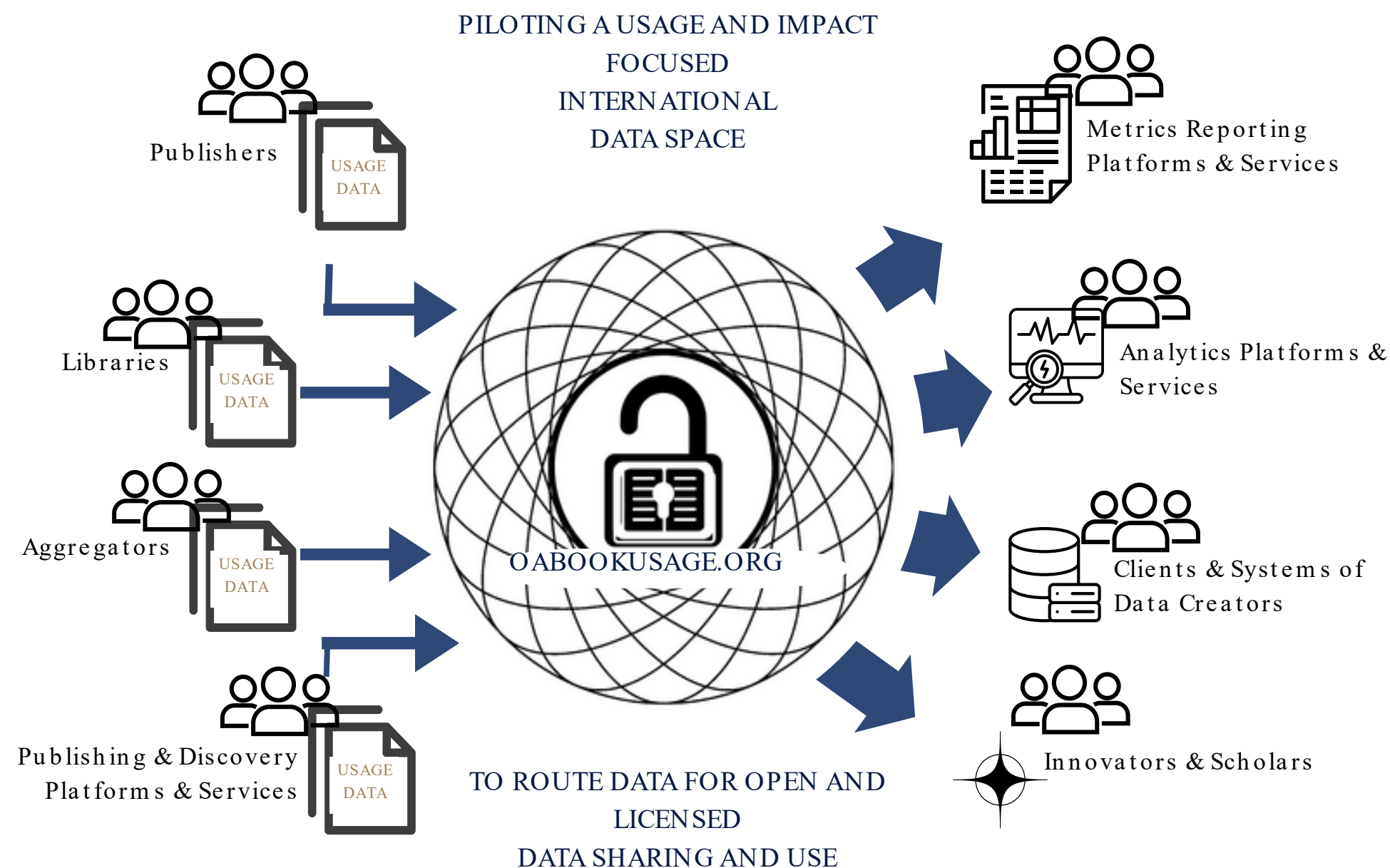


Beta Cohort – Exploring Extensibility
Data Connector Provider +/- Recipients



From Usage Data Creators

To Usage Data Recipients



LEARN MORE

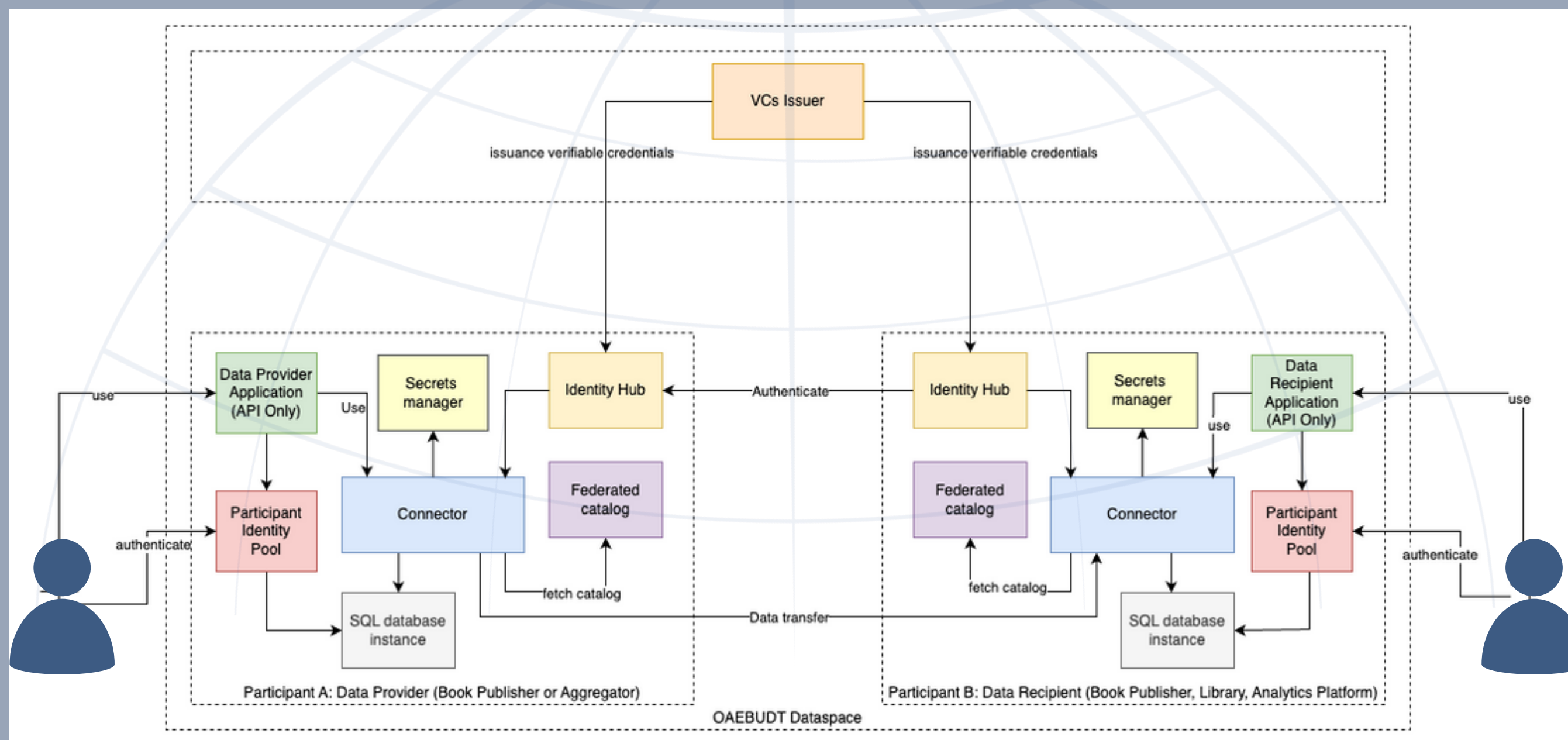




SCALING SMALL WITH MINIMUM VIABLE PROOF OF CONCEPT



GitHub
Repository



EXPLORING WHAT'S POSSIBLE

2025 PROOF OF CONCEPT DATASPACE MVP

PILOT OUTPUTS (2025)

Technical Diagrams

- System architecture diagram

Operational Data Space MVP

- Sandbox environment
- Production environment

Documentation

- Data inventory
- Technical roadmap
- Governance Rulebook
- Onboarding materials
- IDS value case studies

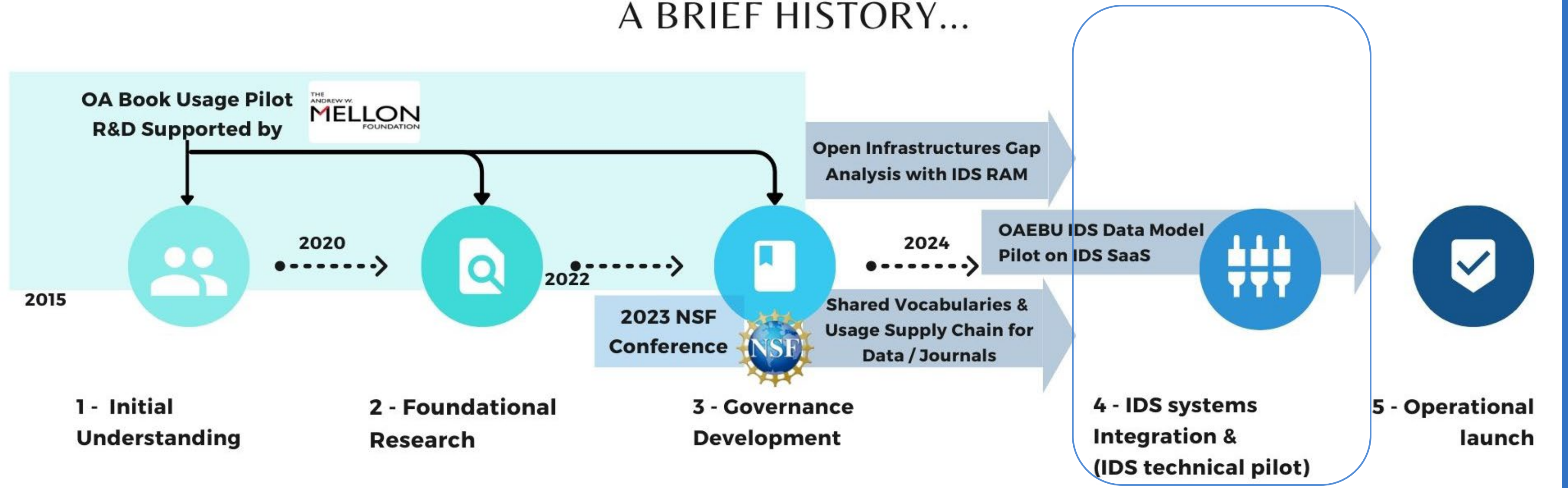
(PENDING FUNDING)

- Launch POC
- Full IDS development
 - Connector Discovery
 - Data provider UI
 - Data recipient UI
 - Auditing reports
- Explore IDS extensibility to other sensitive scholcom data



GitHub
Repository

A BRIEF HISTORY...



➤ **>\$2.6M USD R&D investment to date**
Mellon Foundation (3 awards, >2.45M)
National Science Foundation (2 awards, 150k)

➤ **30,000€ supporter investment to date**
via **OPERAS as Fiscal Sponsor**
Michigan Publishing, Project MUSE, eBound Foundation

➤ **Horizon Europe project funded to explore how dataspace can support knowledge graph data provision**

Membership marginally covers operations until there is critical mass.
Problem: costs > funding coming in via fees

**2 yr funding gap to close to
sustain staff, tech,
administration to launch
MVP/membership**



**1.24M USD/3yr
Governance Building Blocks
Grant (Mellon)**

**Self-Sustaining Dataspace
for Scholarly
Communications
Stakeholders**

Valley of Death

Exploring National Infrastructure for Public Access Usage and Impact Reporting

April 2, 2023 workshop is made possible through support from the
National Science Foundation (Award 2315721) and
the Coalition for Networked Information

Objectives

Share knowledge of current state

Explore how to achieve FAIR usage data
"FAIR and CARE to SHARE"

Develop recommendations

**5 min
expert talks**



Perspectives

Data infrastructures

Consortia

Publishers and platforms

Funders

Proceedings



**PIs: Charles Watkinson, University of Michigan
Christina Drummond, University of North Texas**

COMMUNITY SUPPORT IS THE KEY

- *to subsidize operations*
- *to speed development*
- *to explore extensibility*



Rebranding too

Related to Urban Planning Data

Dataspaces to watch



*Scholarly Communications is adopting
the Dataspace approach alongside other industries*

Development Stages

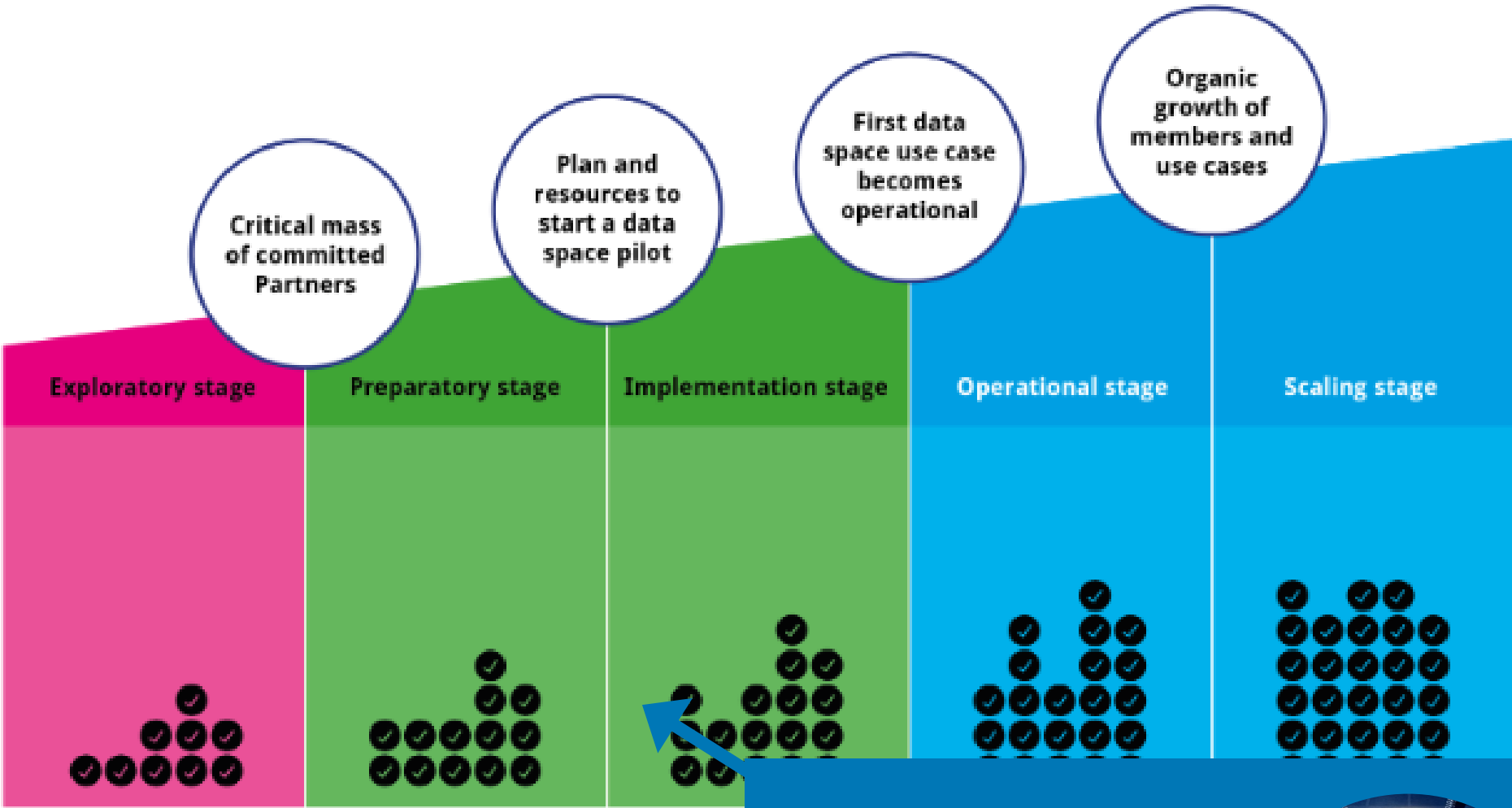
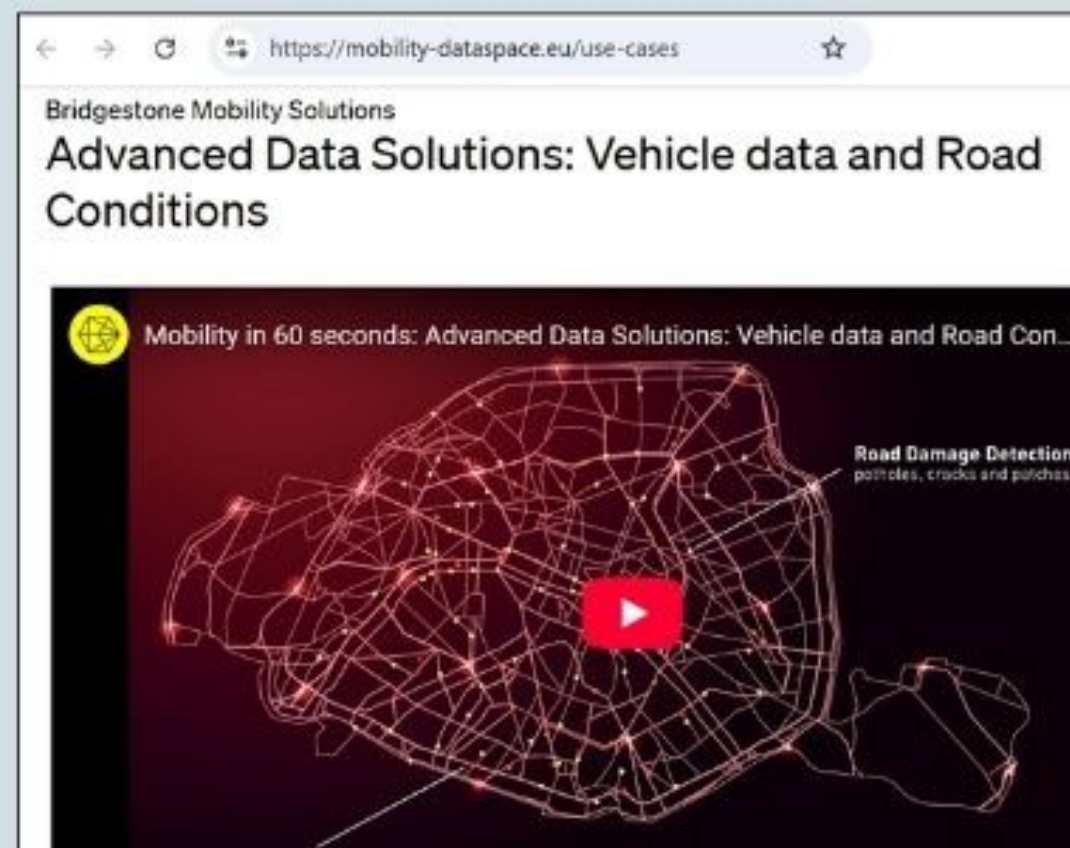


Image Source: International Data Spaces Association
<https://www.dataspaces-radar.org/>

**OA Book Usage
Data Trust
(OAEBUDT-IDS) is
here**



Other dataspaces to watch



Other
dataspaces to
watch


https://inventory.ds4sscc.eu

European data space
for smart communities

HOME ABOUT CONTACT


Interactive portal for building data spaces in Smart Communities

This is the entry point to the Data Space for Smart Communities. You may find all the assets you need to build your data space classified by categories below




Multi-stakeholder Governance Scheme

Discover



Catalogue of Specifications

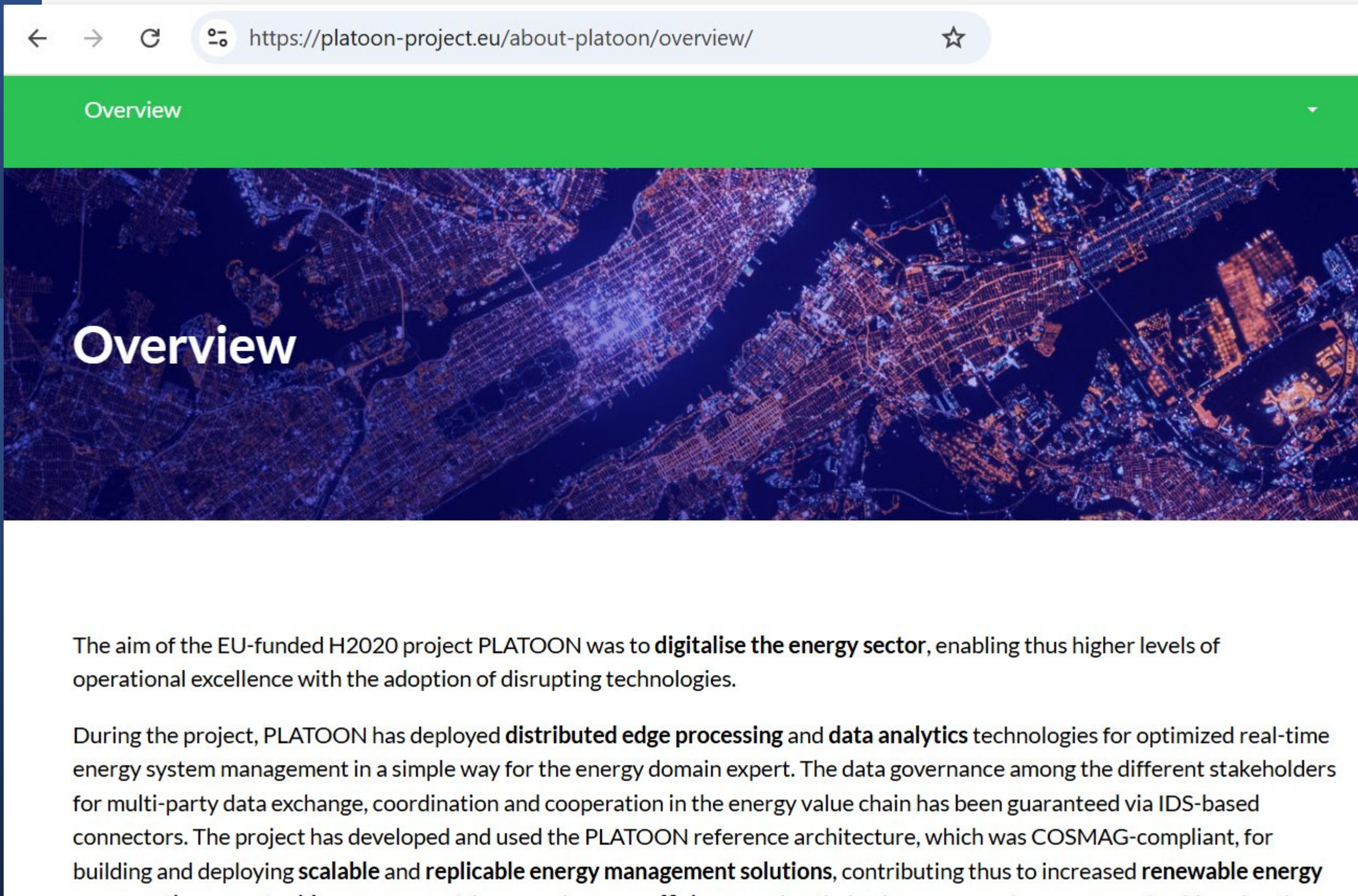
Discover



Reference Architecture

Discover

Other dataspaces to watch



The screenshot shows a web browser window with the address bar displaying <https://platoon-project.eu/about-platoon/overview/>. Below the address bar is a green navigation bar with the word "Overview" in white. The main content area features a large, stylized image of a city at night with a blue and orange color scheme. The word "Overview" is written in large white letters over the image. Below the image, there is a paragraph of text describing the project's aim and goals.

Overview

The aim of the EU-funded H2020 project PLATOON was to **digitalise the energy sector**, enabling thus higher levels of operational excellence with the adoption of disrupting technologies.

During the project, PLATOON has deployed **distributed edge processing** and **data analytics** technologies for optimized real-time energy system management in a simple way for the energy domain expert. The data governance among the different stakeholders for multi-party data exchange, coordination and cooperation in the energy value chain has been guaranteed via IDS-based connectors. The project has developed and used the PLATOON reference architecture, which was COSMAG-compliant, for building and deploying **scalable** and **replicable energy management solutions**, contributing thus to increased **renewable energy**

Dataspaces for trusted, intermediated data flows across platforms/services

- Secure, auditable data transactions
- Streamlined legal / data sharing processes
- Discoverable, transparent metadata
- Avoid vendor lock-in

