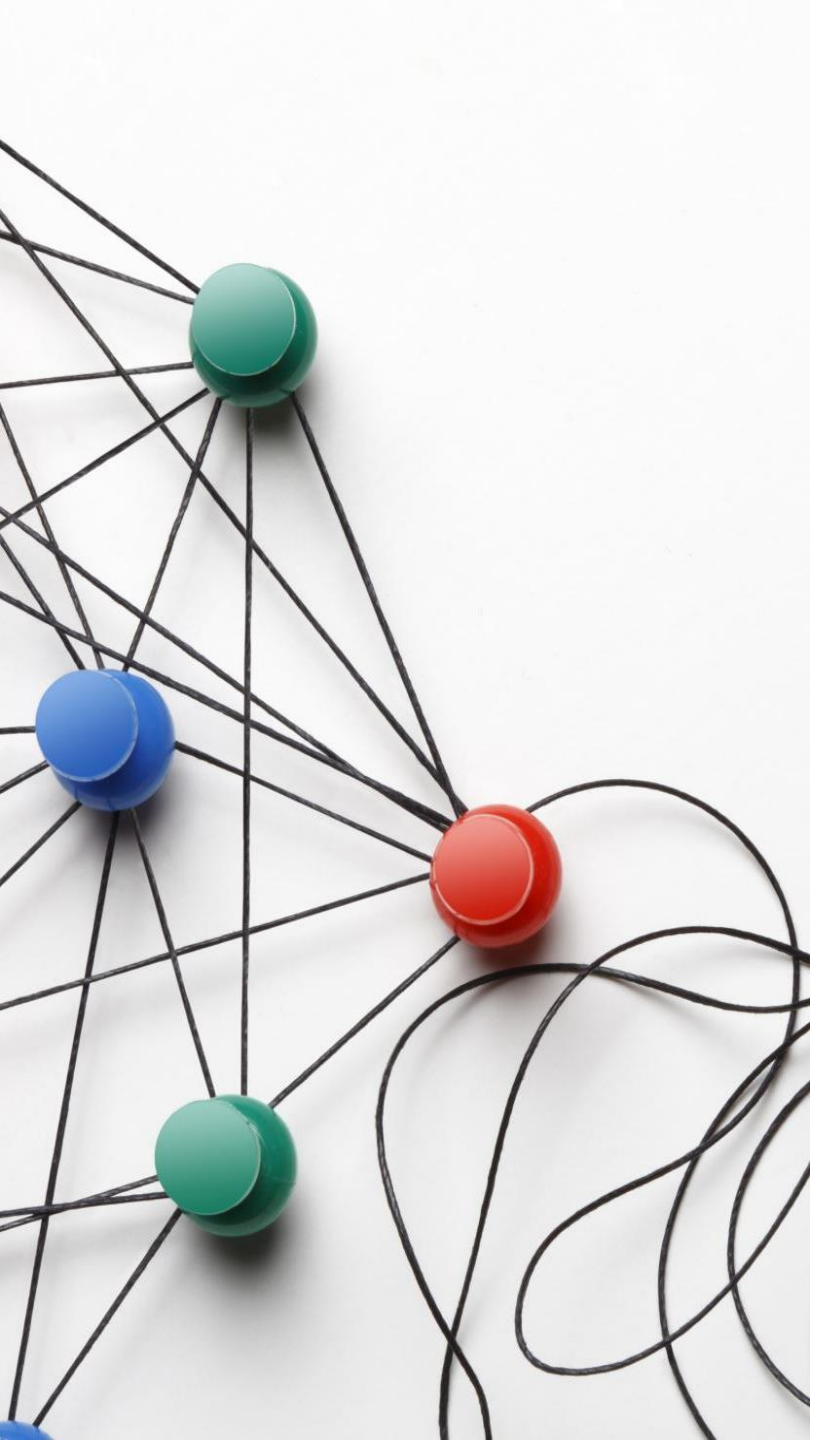

A VIVO Community Update:

Reflections on the Last Year and Where We Are Headed

VIVO Leadership Group
Lyrasis

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Member-Supported Community

VIVO is a Community Supported Program of Lyrasis

Clarivate is a Partner

VIVO Core Values

VIVO and all components of VIVO are open source. **Download from GitHub**

USE

The VIVO community is open to everyone. You can follow VIVO's work on our wiki.

JOIN

VIVO produces linked open data that can be easily shared and combined across all VIVO sites.

SHARE

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Member-Supported Community

Platinum Members,

- Duke University
- Texas A&M
- Weill Cornell Medical College

Gold Members,

- Columbia University Libraries
- SIGMA
- Stanford University Libraries and Academic Information Resources

Silver Members,

- Brown University
- Cineca
- University of New Mexico

Bronze Members,

American Psychological Association	George Washington University	German National Library of Science and Technology/Technische Informationsbibliothek (TIB)	Pontificia Universidad Católica de Chile
Technical University of Denmark	University of Idaho	University of Quebec Montreal Libraries	

Copper Members,

East Carolina University, Joyner Library	McMaster University	University of Oklahoma Libraries

New Members: Florida International University & The University of California, Davis.

Partners

Service Providers: Clarivate Analytics, Ontocale

ORCID, SYMPLECTIC, Fedora, DSPACE

euroCRIS, FORCE11, CTSA, SciENcv

LD4L, USDA, eagle-i, casrai

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Community Organization

Leadership Group

Define the strategic direction

Commiters Group

Developers in charge of the maintenance and evolution of the VIVO base code.

Users Groups

Community-created groups with common interests, grouped by region or zone:

- North American User Group
- German User Group
- Spanish Speaking User Group

Interest Groups

Groups created by the community to support initiatives but without limited time

Task Forces

Groups created by the community with a specific and finite objective in time

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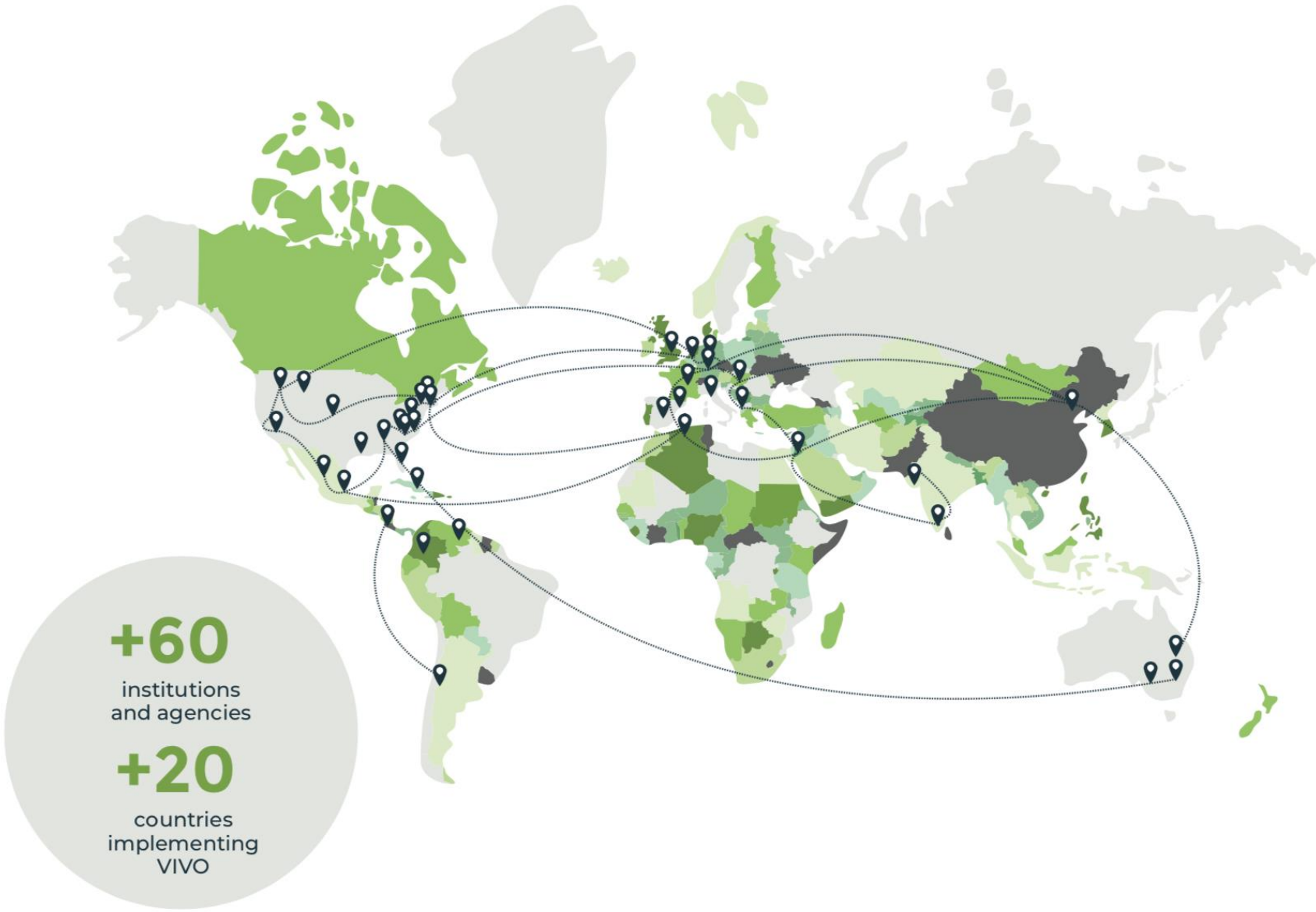
VIVO Implementations

Access the interactive VIVO map!



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Outcomes

A Look Back at 2020-2022

- Partnering with Lyrasis
- Strengthened governance
- Release of VIVO 1.11/1.12
- Pandemic caused financial stress

Focus on Community, Members, and the VIVO System

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Annual **Report** 2020

This annual report covers 18 months, from **January 2019** to **July 2020**, to coincide with the LYRASIS membership year, from July to the following June.

The VIVO Project saw improved governance, more community contributions, and record attendance at two conferences during this period.

The Leadership Group met at the 10th Annual VIVO Conference in Podgorica, Montenegro.

The VIVO Project also saw challenges, particularly in membership where organizational budgets are stressed due to the pandemic. Tasks forces focused on membership, marketing, and strategic software development are contributing to a coordinate effort to expand our consortium membership.

Metrics: From January 2019 to June 2020 (18 months)

Countries with Active Sites
19

New Software Releases
1
45% increase since 7/18 (682 since July 2018 when we had 1508 followers)

New Community Work Groups
5
2 new interest groups
3 new task forces

Development Sprints
8
2018: 1
2019: 2
2020: 5

27%
Sites
- 55 on 12/19
- 70 now

45%
Twitter Followers
682 since July 2018

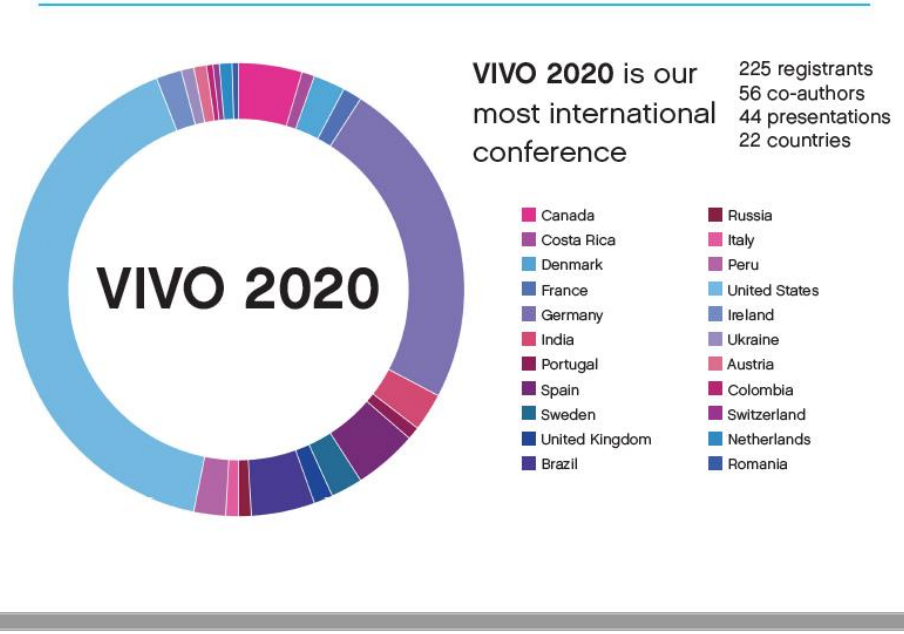
In the past 18 months, the VIVO Project has made significant progress, including:

- Transitioned to LYRASIS as its organizational home, with new leadership, financial processes, and an expanded community of members.
- Strengthened governance by agreeing on priorities, improving discussion and voting processes, and mapped out sustainability strategies using the "It Takes a Village" framework.
- Released **VIVO** version 1.11, including publication claiming, an ORCID API, several multi-lingual improvements, and triple pattern fragments, a reliable, lightweight way to query linked data from **VIVO**.
- Organized multiple development sprints towards making **VIVO** fully internationalized, including storing and displaying content in multiple languages.
- Published the Product Direction for 2020 to guide community development towards lowering barriers to adoption and contribution, modernizing the architecture and administration, and improving the front-end user experience.

A program of LYRASIS

2020-2022 Community Events

- VIVO 2020 (Virtual)
- VIVO 2021 (Virtual)
- VIVO 2022 (Virtual)
- VIVO track at CRIS 2022
- North American User Group Meeting
- German User Group Meeting
- Spanish-speaking User Group Meeting



VIVO 2019 Conference attendees, Doug Hahn, Jackie Hahn and Don Joon Lee from Texas A&M University enjoy the wine tasting at the Plantaze wine cellars, a famous Montenegrin winery.

The VIVO Project has seen tremendous interest and activity in every area, and we're fortunate to have so many talented and committed contributors."

- Julia Trimmer, VIVO Leadership Group Chair, 2018 - 2020

VIVO Development Roadmap

Usability and Utility

- VIVO Scholar (new UI) released 2020
- VIVO Core Development now

Internationalization

- VIVO 1.12.0 release

Interoperability

- Collaboration with EuroCris to align ontologies
- Enhance interoperability with Dspace, Fedora, & ORCID

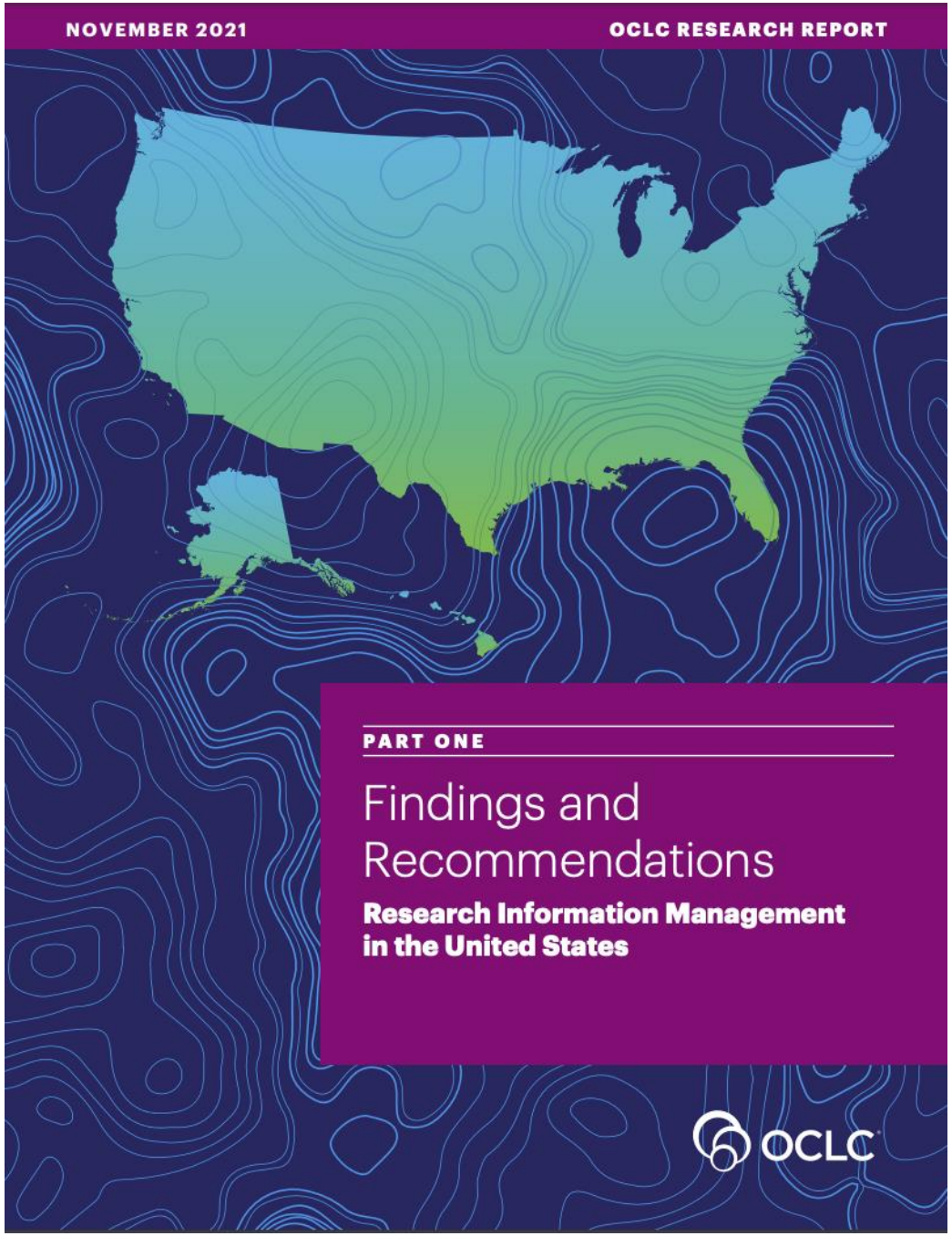
Innovation in the VIVO Community

VIVO as a Sociotechnical System

Sustainable through embrace of Web 3.0 Concepts

- Decentralization – sites run by a community where the community controls the data
- Governance – open access and participation
- Privacy - community owns and controls its data

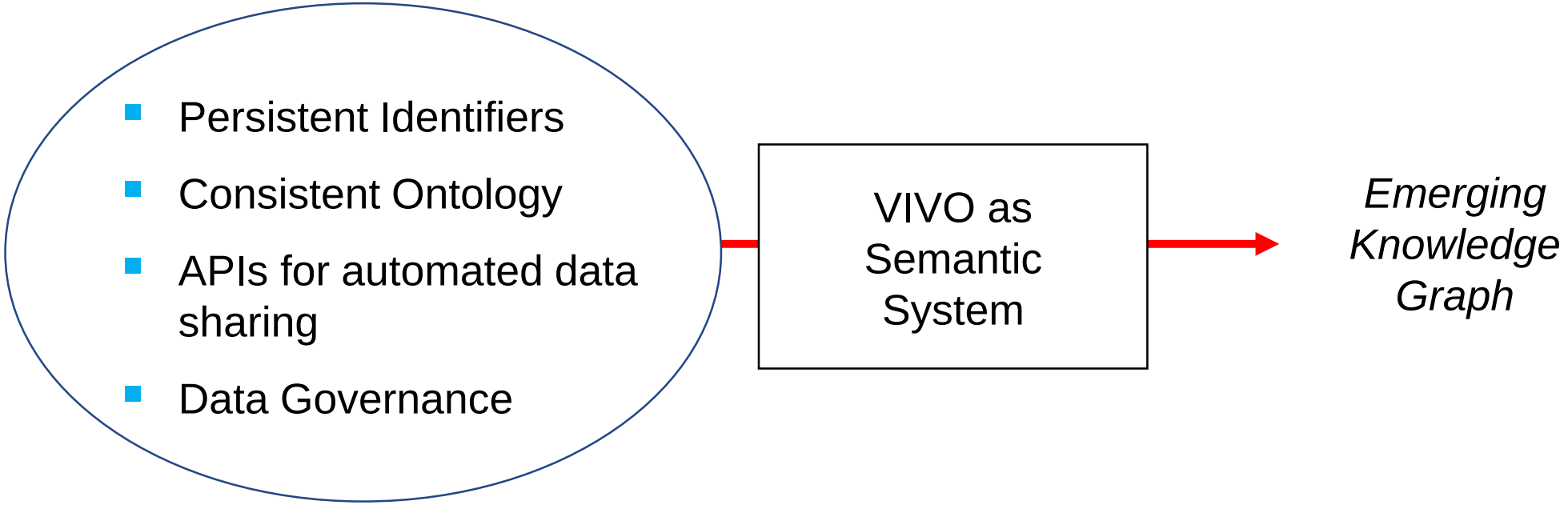
The community adds and derives value



https://www.oclc.org/research/publications/2021/oclcresearch-rim-united-states.html

Scholars@TAMU as part of an Interoperable RIM Ecosystem

RIM Ecosystem at Texas A&M



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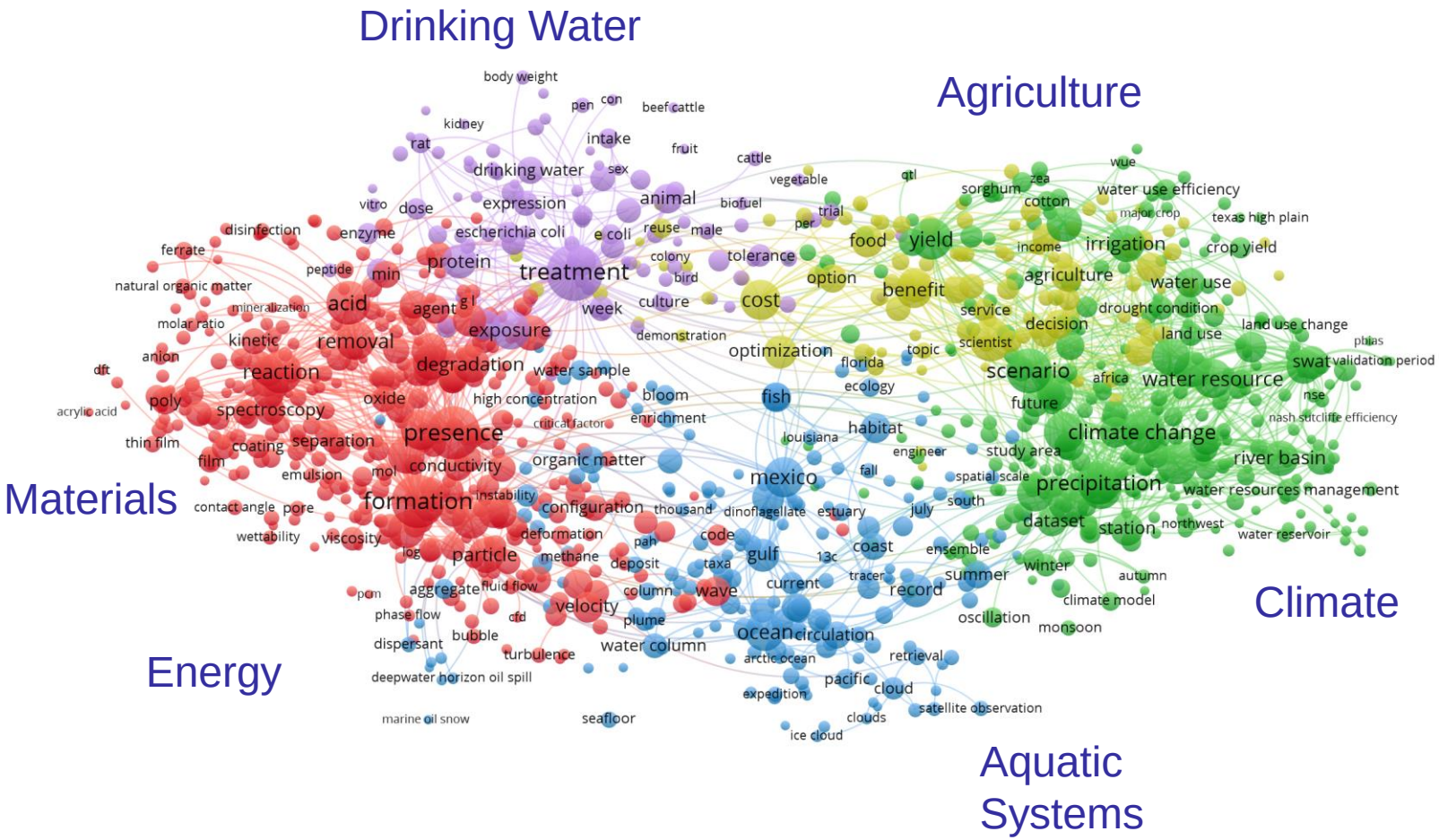
Research Intelligence as Emerging Use Case



Water-Related Research at Texas A&M

Research Intelligence: Establish, execute, and evaluate institutional research strategy & evaluation

- Principle Investigators
- College and Department Program Reviews
- Vice President of Research

Takes advantage of linked data!

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MOU with EuroCRIS

Memorandum of Understanding

The purpose of this Memorandum of Understanding (MoU) is to establish and promote a strategic and cooperative partnership between VIVO and euroCRIS.

euroCRIS is a not-for-profit, statutory association (https://www.eurocris.org) established in 2002, governed by Dutch law and dedicated to the development and implementation of efficient and effective institutional, national and international research information systems and their interoperability, based on CERIF (Common European Research Information Format). One of euroCRIS's main objectives is the promotion of cooperation and exchange of expertise between stakeholders in the research information domain, in particular by setting up Strategic Partnerships with international organisations in the field of research information.

The VIVO community (https://www.lyrasis.org/programs/Pages/VIVO.aspx) is an open-source software community focused on the development of an open-source software platform of the same name and an ontology for representing scholarship. The VIVO community is one of eight community-supported software programs supported by LYRASIS that serve a wide-range of organization types, sizes and disciplines across the globe. LYRASIS is a 501 c 3 (US law) non-profit membership organization whose mission is to support enduring access to the world's shared academic, scientific and cultural heritage through leadership in open technologies, content services, digital solutions and collaboration with archives, libraries, museums and knowledge communities.

Motivation

Both VIVO and euroCRIS share the same vision of realising an optimal availability of and access to information on research through research information systems, for the benefit and support of all stakeholders involved in research. In this respect, standards and ontologies are key to recording information on research and scholarly activities in research information systems in an unambiguous manner. In addition, standards allow for the exchange of interlinked metadata on research in a

Research Intelligence: Establish, execute, and evaluate institutional research strategy & evaluation

- Align CERIF framework and VIVO ontology
- Collaborate on interoperability
- Communications between the communities
- Attend conferences

Takes advantage of mutual interests

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Interested in learning more?

Get involved in the VIVO community!

- Visit vivoweb.org
- Read more at wiki.duraspace.org
- Follow @vivocollab on Twitter
- Join VIVO mailing lists
- Email beherbert@tamu.edu