

**V**IVO is in its fifteenth year as an open source, member-supported platform for representing research and scholarship. This annual report highlights accomplishments in the fiscal year from July 1, 2022 through June 31, 2023.

VIVO is also a dynamic, international community of individuals and organizations committed to advancing the VIVO platform as critical open infrastructure for research organizations.

Interest, energy and enthusiasm for VIVO grew substantially during this time, presenting opportunities to grow the VIVO community in countries all over the world.



Anna Guillaumet, Vice Chair of the VIVO Leadership Group presents about the VIVO community at Eunis23 Congress in Vigo, Spain.

## Metrics: From July 2022 to June 2023

Countries with Active Sites

**20** +5 sites listed as other

Global Events

**4**

New Software Releases

**2**

Sites

**81**



Newly Registered Sites



X/Twitter Followers

Almost doubled followers from 1508 to 2251

## Members

2 Platinum

4 Gold

3 Silver

5 Bronze

1 Supporter

2 Contributor

## Financials:

Revenue

**\$137,021**

Net Income

**\$26,530**

Expenses

**\$110,491**

Net Assets

**\$146,723**

### Projects of the Diverse, Dedicated VIVO community

The VIVO Community is focused on a coordinated strategy of connecting system development, community innovation and partnerships to advance the development and use of VIVO worldwide.

### Key Development Accomplishments

The developers and committers have released two new versions of VIVO software and plan on releasing a third version in 2024 through the leadership of Dragan Ivanovic, Technical Lead. Use the links below to the VIVO Community Wiki to read about the new features in each version.

Contact Dragan ([dragan.ivanovic-CTR@lyrasis.org](mailto:dragan.ivanovic-CTR@lyrasis.org)) if you would like to join the developer team.

- The **VIVO 1.13.0** was released on September 4, 2022
- The **VIVO 1.14.0** was released on July 5, 2023
- The **VIVO 1.15.0** anticipated release should be published in the first part of 2024.

### Innovations Across the VIVO Community

As open-source software, the VIVO system can be customized to meet specific organizational needs. One of the key advantages to participation in the VIVO community is sharing innovations among the community members.

Paul Albert shared that Weill Cornell Medicine recently opened its publication tool, [ReCiter Publication Manager](#), to all members of its community. Publication Manager, which is open source, now allows users to easily update their publication lists and to create sophisticated bibliometric reports.

Washington Segundo shared the release of the [Brazilian Scientific Research Information Ecosystem \(BrCris\)](#), a country-level aggregator platform that allows retrieving, certifying and visualizing data and information related to the various actors who work in scientific research in the Brazilian context. More information about its architecture can be found at <https://brcris.ibict.br/about>.

Sonja Schulze at Osnabrück University shared that they are currently working on using VIVO for their relationship/transfer management and transfer activities. In particular, the aim is to promote the impact (and importance) of University research on society, policy and business, and to support collaboration with external stakeholders.

Don Joon Lee at Texas A&M University shared that the Scholars@TAMU team is developing new features that support enhanced visualizations and batch downloading of cv-type reports through planned sprints in 2024.

Last year, VIVO task forces and interest groups made progress on many fronts:

### VIVO Leadership Group partners with euroCRIS



The mapping document for the CERIF2VIVO project has been completed. We want to thank the whole VIVO Ontology Interest Group for the incredible contribution, as well as Dragan Ivanovic (VIVO Technical Lead) and Jan Dvorak (euroCRIS President).

The document has been validated by the community and a final review by the expert Brian Lowe, member of the VIVO Leadership, is planned.

### Ontology Interest Group

The VIVO Ontology Interest Group has met semi-monthly throughout 2023. It has helped develop and review a comprehensive set of mappings between the VIVO Ontology and the CERIF data model for CRIS systems. The group has also begun discussion of improvements to VIVO's grant and project models to make it easier to represent details of importance in different international research landscapes. The team has also collaborated with VIVO software developers to review and suggest revisions to new ontologies used internally within the VIVO software to describe internationalized interface text, dynamic API endpoints and attribute-based access control. The group is now preparing the necessary technical infrastructure for creating ontology releases independent of the VIVO software release cycle. This will make it easier for the VIVO software and third-party software tools to target specific versions of the ontology in their development.

### VIVO Development Interest Group integrates VIVO and DSpace



The first phase of the DSpace-VIVO integration project was completed in July 2022. The results have been promoted at a couple of international events. A plan for further phases has been created and we are gathering interest for further development of this project.

### Dynamic API Interest Group

The Dynamic API interest group was established in October 2022 with the goal to work on the implementation of the new VIVO API and refactoring the VIVO platform. The JSON-like REST API based on Dynamic API should be part of VIVO 1.16.0, which is planned for the second half of 2024.

### Lyrasis Interoperability Group



VIVO participated in the Lyrasis Community Supported Technologies (CST) Shared Strategies group:

- Lyrasis convened CST governance chairs and co-chairs.
- This past year, the group shared program overviews and worked to identify shared challenges.
- In the coming year, the group will prioritize areas of focus such as interoperability, increasing accessibility, and shared tools and resources.



Participants at the VIVO Meetup at the SWIB23 – 15th Semantic Web in Libraries Conference in Berlin in 2023.

## Global Events

VIVO participated in four Global events.

**February 6:** TAPIR Workshop (virtual): Final workshop on the TAPIR project on “Partially automated persistent identifier based reporting” funded by the German Federal Ministry of Science, where a reporting tool for VIVO and generate2VIVO were presented.

**September 11:** VIVO Meetup (collocated with SWIB 2023): User meeting of the VIVO community to discuss current concerns and deepen cooperation. The main focus was on improving the representation of research projects in VIVO.

**June 2023:** euroCRIS Membership Meeting: the University of Bielefeld presented VIVO CRIS <https://ubi.cris.nrw/vivo/>.

**June 2023:** EUNIS Conference: presentation on the VIVO community <https://dspacecris.eurocris.org/handle/11366/2478>

## The Path Forward

The VIVO Program will continue to serve the research community worldwide and to ensure that the VIVO software evolves according to the community needs.

We intend to extend the integration work with the DSpace platform with the community's financial and technical support. We seek to make it easier for users to install, configure and maintain VIVO implementations. We'll work to get more VIVO users and members involved with the development and management of VIVO.

With new members and more global governance, we'll meet the challenges of 2023 with strong technical leadership and community engagement. We're looking forward to new ideas, new improvements and a successful year for the VIVO community.