



LABDRIVE: A Research Data Management and Preservation Platform

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- August, 10 -



LIBNOVA digital preservation technology is used by some of the most demanding organizations worldwide. We are used to work with petabytes of data and to preserve them for the long term.

Now, we are extending this technology to handle research data, co-developing together with David Giaretta, Amazon AWS, University of Barcelona, the CSIC (Spanish Research National Council), Voxility and Bidaidea. **LABDRIVE platform is a joint effort.**



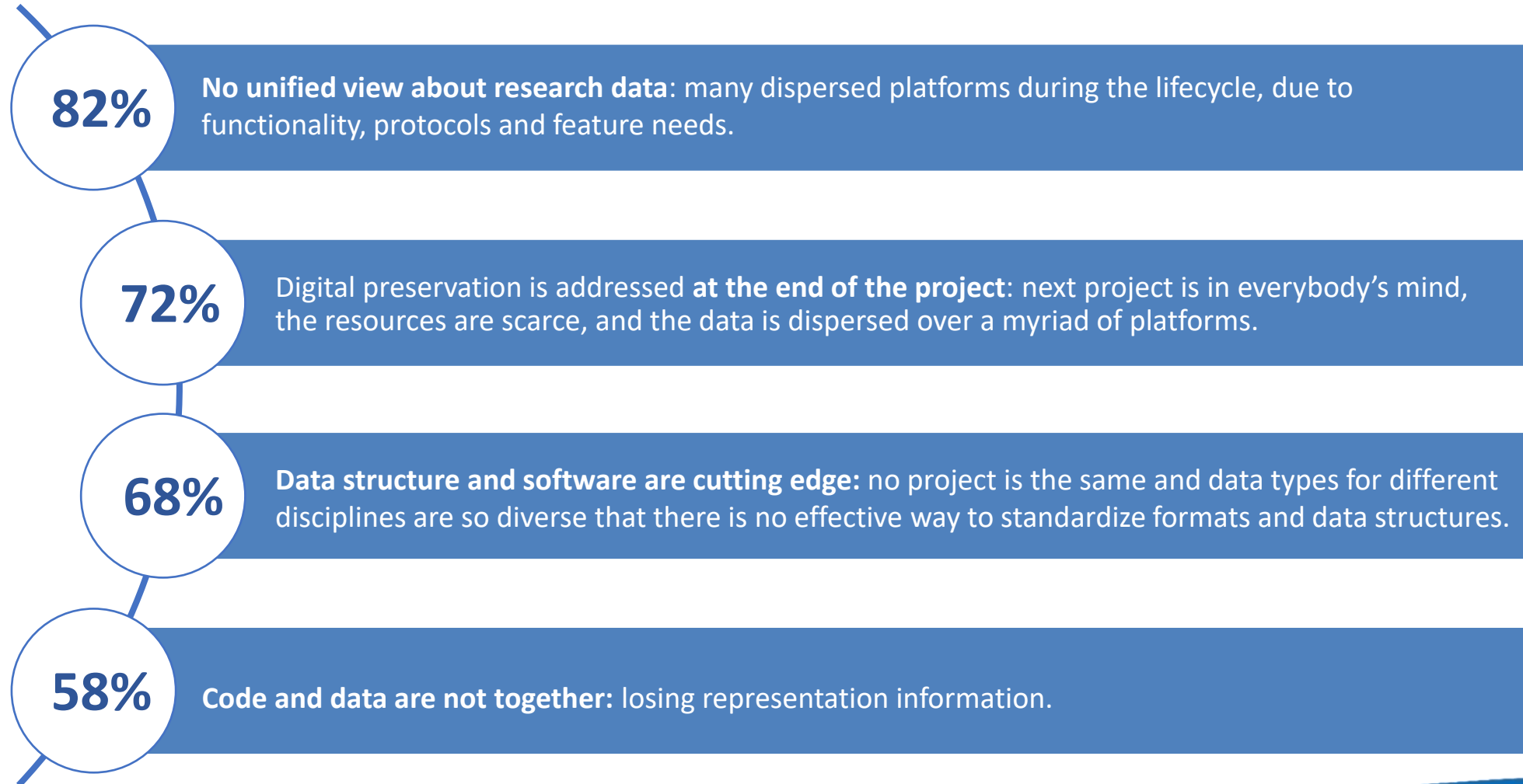
As part of the ARCHIVER Project LIBNOVA was in (4.8MM€ total EU funding), we were working with the CERN, EMBL-EBI, PIC and DESY to scale the solution to handle some of the most demanding use cases, during 3 years of R&D.



What is happening today, from the Researcher's perspective?

Researcher's perspective on research data challenges (the main 4)

2018-2020: 50+ Research organizations' feedback + CERN ARCHIVER Project



What is happening today, from the Manager's perspective?

Manager's perspective on research data challenges (the main 4)

2018-2020: 50+ Research organizations feedback + CERN ARCHIVER Project

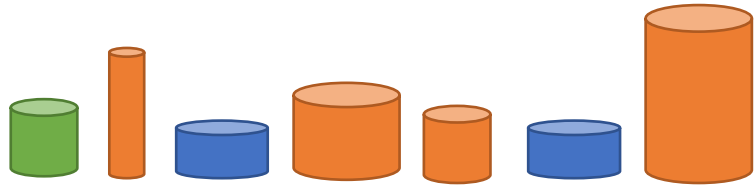


LABDRIVE is a **Research Data Management and Preservation** platform.

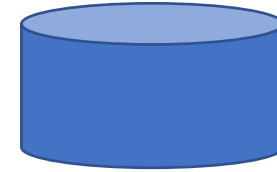
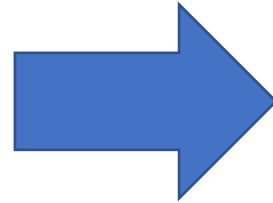
Its design principles are:

- Unified: It enables organizations to **combine** their research content **in a single, unified, rationalized platform**.
- Comprehensive: It allows organizations to **capture the research** data they produce, helping them to **properly manage, preserve and allow access to it**, during the whole data lifecycle (and not only at the end of the cycle).
- Open: ISO16363, ISO27001, ISO27017, ISO27018 certified. 100% of the information can be easily exported. No exit barriers. User-extensible.

LABDRIVE allows organizations to organize and unify their content:



Transition from a **siloed approach** in which each series of datasets, experiments, departments or units are using multiple, disaggregated systems to keep content



To a **unified repository** that can adapt to the particularities of each dataset, **unifying all content in a single platform**.

- Risk management
- Publishing/rights management
- Permissions control
- Policies management
- Infrastructure management
- Cost control

Thanks!

Contact us with any questions you may have:

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