LIBNOVA Consortium

A successful community project

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| **Teo Redondo** | **Miquel Tèrmens** | **Fernando Aguilar** |
| *LIBNOVA**Spain**teo.redondo@libnova.com**0000-0001-6465-7771* | *University of Barcelona**Spain**termens@ub.edu* | *CSIC**Spain**f.a@csic.es* |
| **David Giaretta** | **TBD** | **TBD** |
| *Giaretta Associates**UK**david@giaretta.org* | *Amazon Web Services**Germany* | *Voxility**UK* |
| **Mikel Rufian** |  |  |
| *Bidaidea**Spain**mikel.rufian@bidaidea.com* |  |  |
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**Abstract – The aim of this poster is to show a successful example of cooperation between different public and private organizations, both within and outside the digital preservation community, working together in a consortium within the ARCHIVER project, the most innovative digital preservation research and development project in Europe.**

**Keywords – Digital Preservation, Community, Exchange, Research, Research Data Management.**

**Conference Topics – Community; Exchange.**

# Introduction

The ARCHIVER Project (Archiving and Preservation for Research Environments) is the only EOSC related H2020 project focussing on commercial long-term archiving and preservation services for petabyte-scale datasets across multiple research domains and countries [1].

On 29 January 2020, the ARCHIVER project launched its Pre-Commercial Procurement Request for Tenders with the purpose to award several Framework Agreements and work orders for the provision of R&D for hybrid end-to-end archival and preservation services that meet the innovation challenges of European Research communities, in the context of the European Open Science Cloud.

The project team (CERN-led) encouraged companies/organisations to combine their skills and resources to form viable consortia to achieve the required results [2]. In this context, and based on this recommendation, the LIBNOVA Consortium [3] was formed, and has turned out to be one of the final contractors for the ARCHIVER project [4].

# Collaboration

The consortium led by LIBNOVA has been enriched throughout the project with the incorporation of new members with expertise in the specific needs of each phase, forming a multidisciplinary cooperative and collaborative team. These are the main contributions of each member of the consortium:

* **LIBNOVA** (led): is focused on the Digital Preservation field, and provides solutions to organizations, so that big volumes of valuable data are accessible during long periods of time. The company is a leading digital preservation provider with an international presence in several countries in the heritage, cultural and research dataset areas.
* The **Spanish National Research Council (CSIC)** is the main agent of the Spanish System for Science, Technology and Innovation. Their mission is the promotion, coordination, development and dissemination of scientific and technological multidisciplinary research, in order to contribute to the progress of knowledge and economic, social and cultural development.
* The **University of Barcelona (UB)** is the principal centre of university research in Spain and has become a European benchmark for research activity, both in terms of the number of research programmes it conducts and the excellence these have achieved.
* **David Giaretta** has led many of the most important developments in digital preservation, with EU-funding and more than 50 partner organisations. He chaired the panel which produced the OAIS Reference Model (ISO 14721), the ISO standard for audit and certification of trustworthy digital repositories (ISO 16363), and ISO 16919.
* **Voxility** provides agile Infrastructure-as-a-Service (hardware and network equipment for internet access) for hosting providers, cloud service providers or integrators and software developers, among others. They provide high-capacity and high-performance infrastructure.
* **Amazon Web Services (AWS)** is the world’s most comprehensive and broadly adopted cloud platform, offering over 200 fully featured services from data centers globally. Millions of customers, from the fastest-growing startups, largest enterprises, and leading government agencies, are already using AWS.
* **Bidaidea** is a consulting company focused on Cybersecurity, with end-to-end coverage in Integral Security, Security Intelligence, Self-Protection Plans, Electronic Security and Automated Security Systems. They create and execute integral plans for 360 Security (Physical, Electronic, Logical, Cibersecurity and Intelligence) for both SMEs and large companies and institutions.

# Poster Intention

This poster is intended to serve as a use case of successful collaboration on how a digital preservation research project involving multiple stakeholders from different fields of expertise can be articulated.

# REFERENCES

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