



Freie Universität Bozen  
Libera Università di Bolzano  
Università Lìedia de Bulsan

Die Bibliothek  
La Biblioteca  
The Library

# Are two tools better than one? Challenges and opportunities in research data management using Converis and Esploro

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Free University of Bozen-Bolzano

IGELU 2022

Cardiff, 15 September 2022



Freie Universität Bozen  
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Università Lìedia de Bulsan



Die Bibliothek  
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London

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Monaco

Italy

Rome

Podgorica  
Подгорица

Tirana  
Albania

Bay of Biscay

Andorra

Barcelona

Tyrrhenian Sea

Porto

Madrid

Portugal

Spain

Valencia

Lisbon

Seville

Granada

Málaga

Gibraltar

Algiers

مدينة الجزائر

Tunis

تونس

Google

# The University

- 1997 year of foundation
- 4 campuses, 5 schools, 6 research centers
- 4 teaching languages
- 4K students [10% international]
- 160 tenured professors [31% international]
- Top positions in rankings [small non-state universities] thanks to internationalisation, student satisfaction and citations.

# Library Trends

## Digitisation

- ⑩ 66% book collection is E [38% in 2019]
- ⑩ 1,2M downloads [700K in 2019]

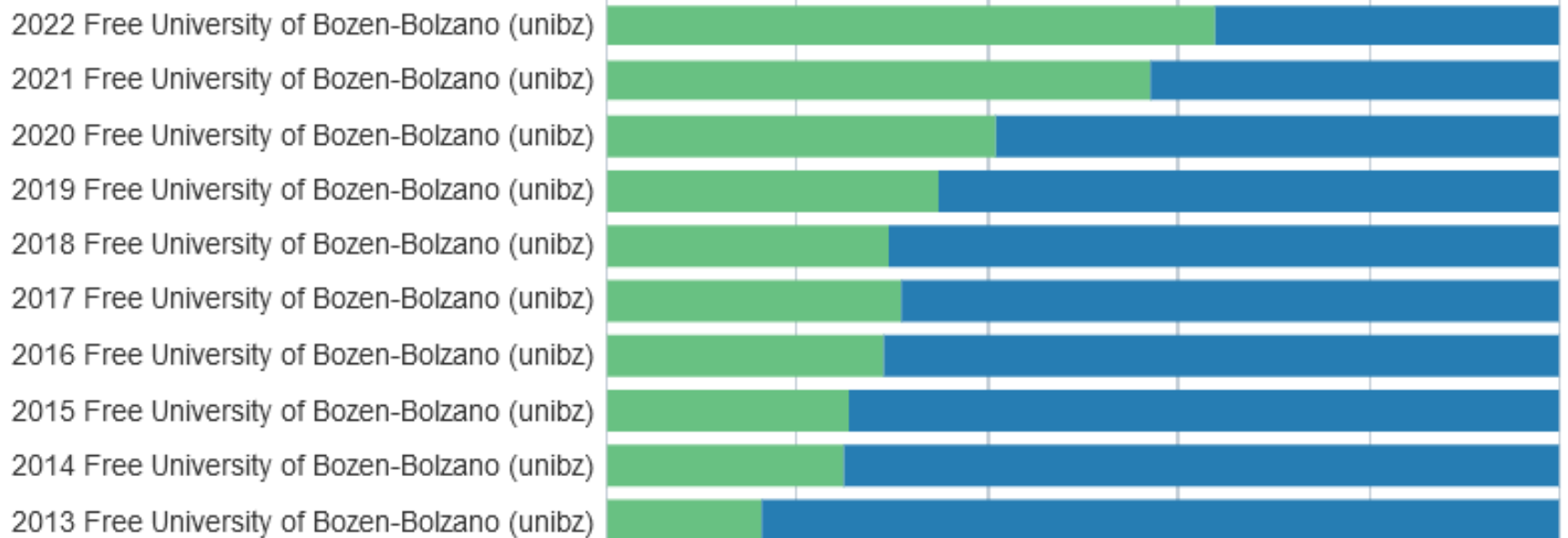
## Integration in the University's ecosystem

- ⑩ Teaching & Research
- ⑩ Support for publications & data management
- ⑩ Research evaluation procedures

## Staff contraction - Increased costs

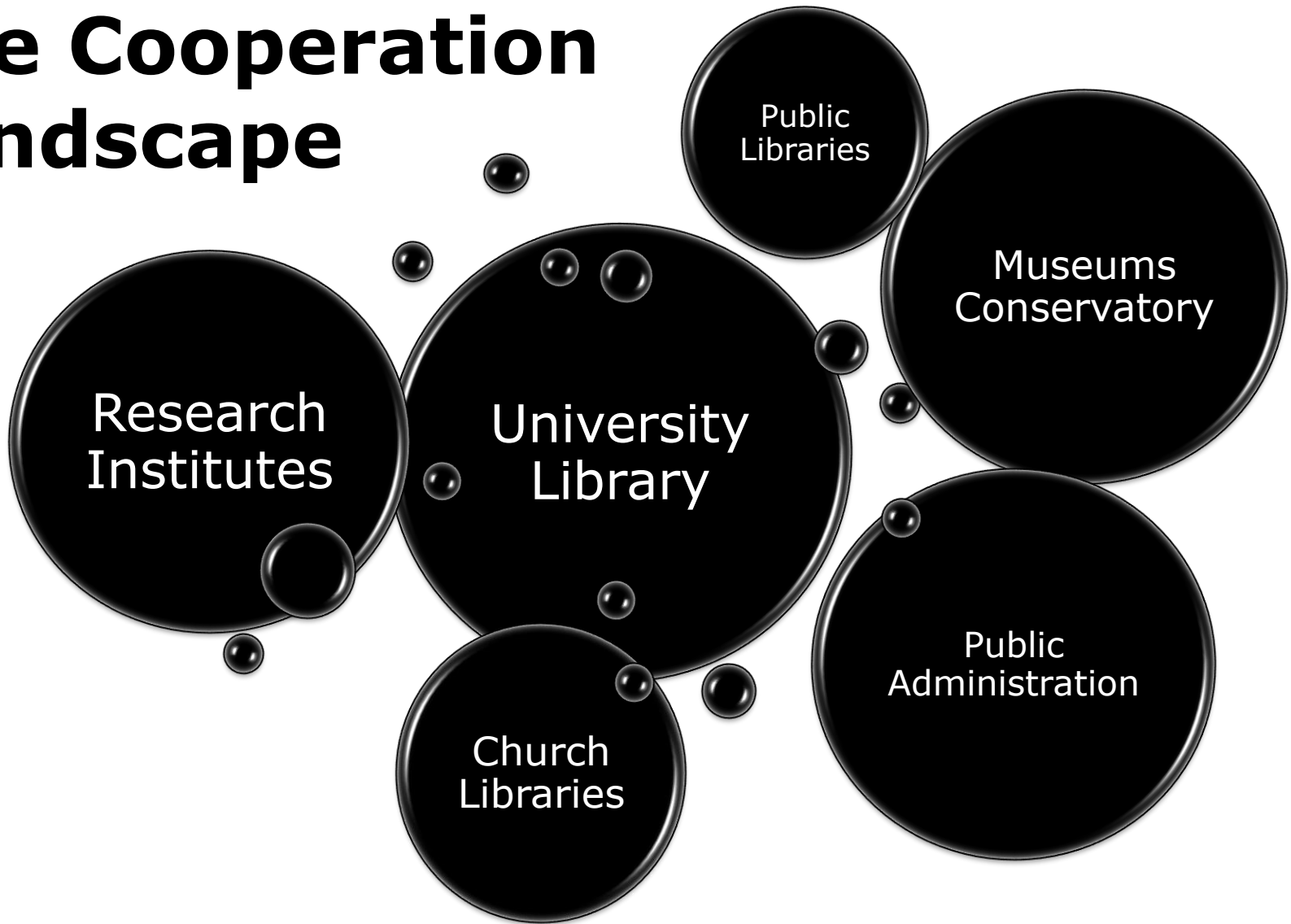
- ⑩ 22,6 FTE + 3 outsourced [25,2 + 4,7 in 2019]
- ⑩ Uncertain times

## Publications (green=open; blue=closed)





# The Cooperation Landscape



THE CATALOGUE

NUOVA  
RICERCA

INTERLIBRARY  
LOAN [LOG IN  
REQUIRED]

INFO



:bia

Menu ▾ 🔍

Inserisci titolo, autore, argomento, ecc.

Tutte le risorse ▾



Search the repository

Outputs

All



# The Digital Landscape @ unibz



Primo

- Since 2011



Alma

- Since 2012 as Early Adopter



Converis

- Since 2012



Leganto

- Since 2016 as Early Adopter



Esploro

- Since 2020 as Early Adopter



# Converis @ unibz

Web of Science InCites Journal Citation Reports Essential Science Indicators EndNote

boris

Search

Help

Super Admin : Buoso, Paolo



+ Add new

Dashboard

Research projects

Teaching projects

Mobility Agreements

Publications

Patents

Third mission

CV Activities

Graduations

Tasks

Persons

Organisations



Paolo Buoso

## Things to do

No pending things to do

## Recently edited

[Smart Thing Design by Children: the SNaP Model and Toolkit](#) PhD Thesis UNIBZ Roumelioti E (2022) Free University of Bozen-Bolzano

Publication | Last edited on 11/08/2022 at 4:29 PM

[Didattica ludica e formazione storica alla scuola primaria](#) PhD Thesis UNIBZ Tibaldini M (2022) Free University of Bozen-Bolzano

Publication | Last edited on 11/08/2022 at 2:45 PM

[Tutti fuori classe: in ricerca e in azione per esplorare spazi di apprendimento](#) PhD Thesis UNIBZ Leone T (2022) Free University of Bozen-Bolzano

Publication | Last edited on 10/08/2022 at 3:13 PM

[Tarini, Giulia: PhD General Pedagogy - 2017 Cycle: 34 \(01/11/2018 - 31/10/2021\)](#)

Study Plan | Last edited on 10/08/2022 at 10:17 AM

[Werk-Stadt \(Ein Konzern, eine Stadt\)](#) Contribution in Journal (popular science) Leitolf E (2016) Zeit-Magazin

Publication | Last edited on 03/08/2022 at 12:00 PM

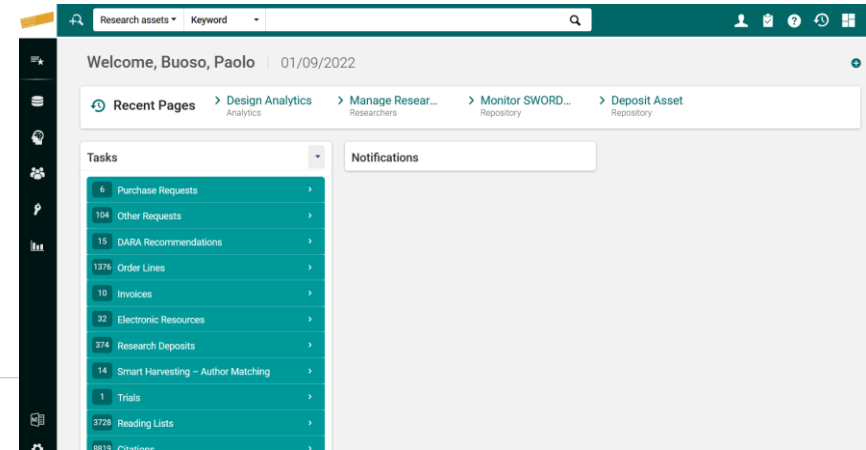
# Converis @ unibz

- CRIS developed by AVEDAS, acquired in 2013 by ThomsonReuters, then part of Clarivate Analytics, now Clarivate.
- Adopted during the reorganisation phase of the company with the consequent stalemates in development.
- Not easily accepted by the academic community.
- Key driver is the organisational research assessment.

# Converis @ unibz / continued

- Used for all research-related administrative tasks regarding:
  - Projects and project applications
  - Activities
  - Commissioned teaching, Mobility Agreements
  - Publications and Patents
  - Study plans for PhD students
  - Research analytics
- No OOTB public interface

# Esploro @ unibz



bia

Menu ▾



Search the repository

Outputs

All



## Welcome to BIA!

The Bozen-Bolzano Institutional Archive (BIA) gathers the outcomes of the research conducted at the Free University of Bozen-Bolzano (unibz) and at EURAC Research.

unibz | EURAC Research

All Research Outputs | Browse by Research Units

# Why Esploro

- Replacement of the institutional repository based on Converis and DSpace
- More attractive end-user interface
- Easier exchange and reuse of data for websites and other repositories
- Improved integration with corporate and external systems

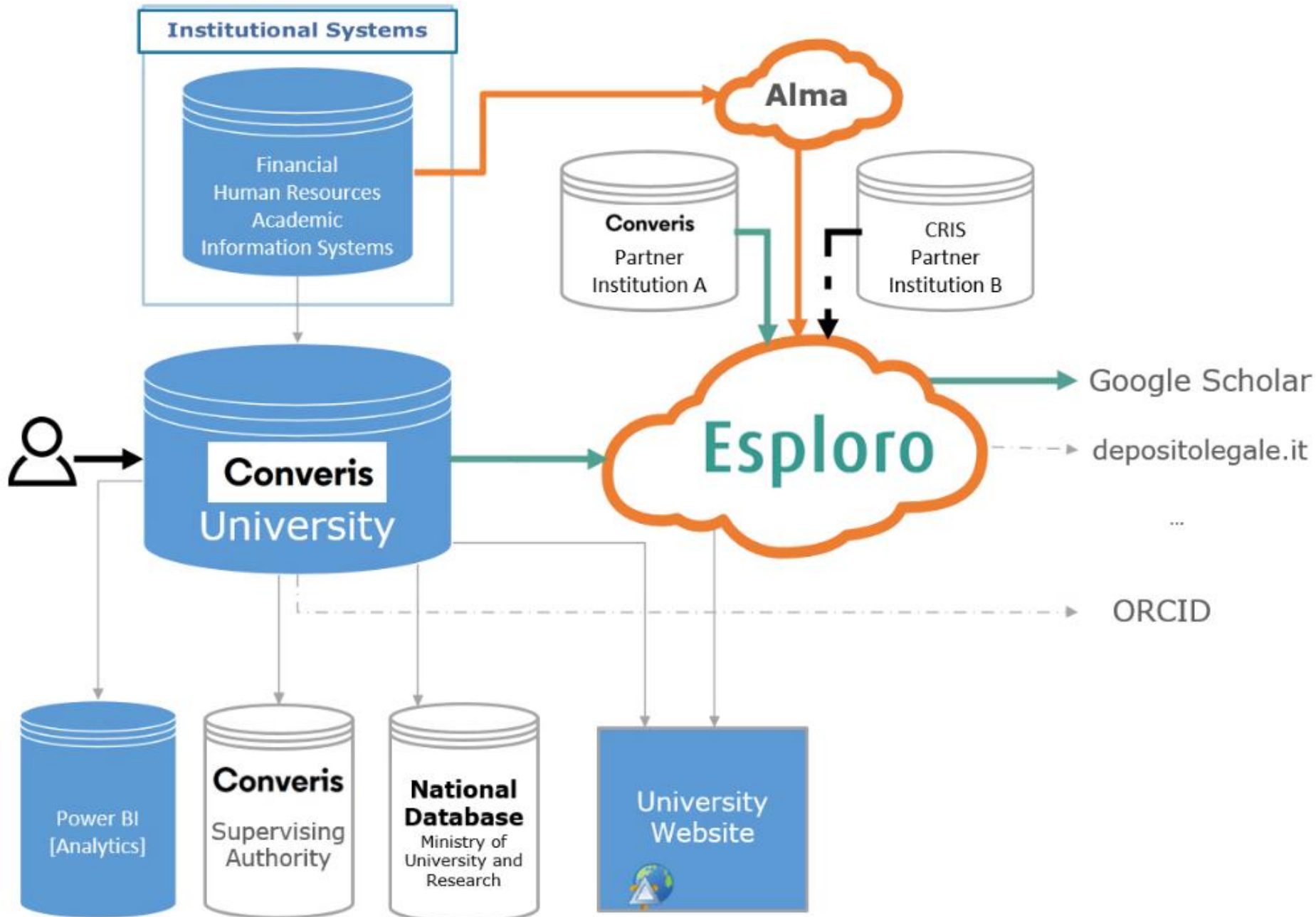
# Why Esploro /continued

- Increased efficiency in the management of research outputs with better reporting capabilities
- Enhanced workflow for publication management and better metadata relying on automatic data capture processes
- Enhanced support for OA workflows



# Why Esploro /continued

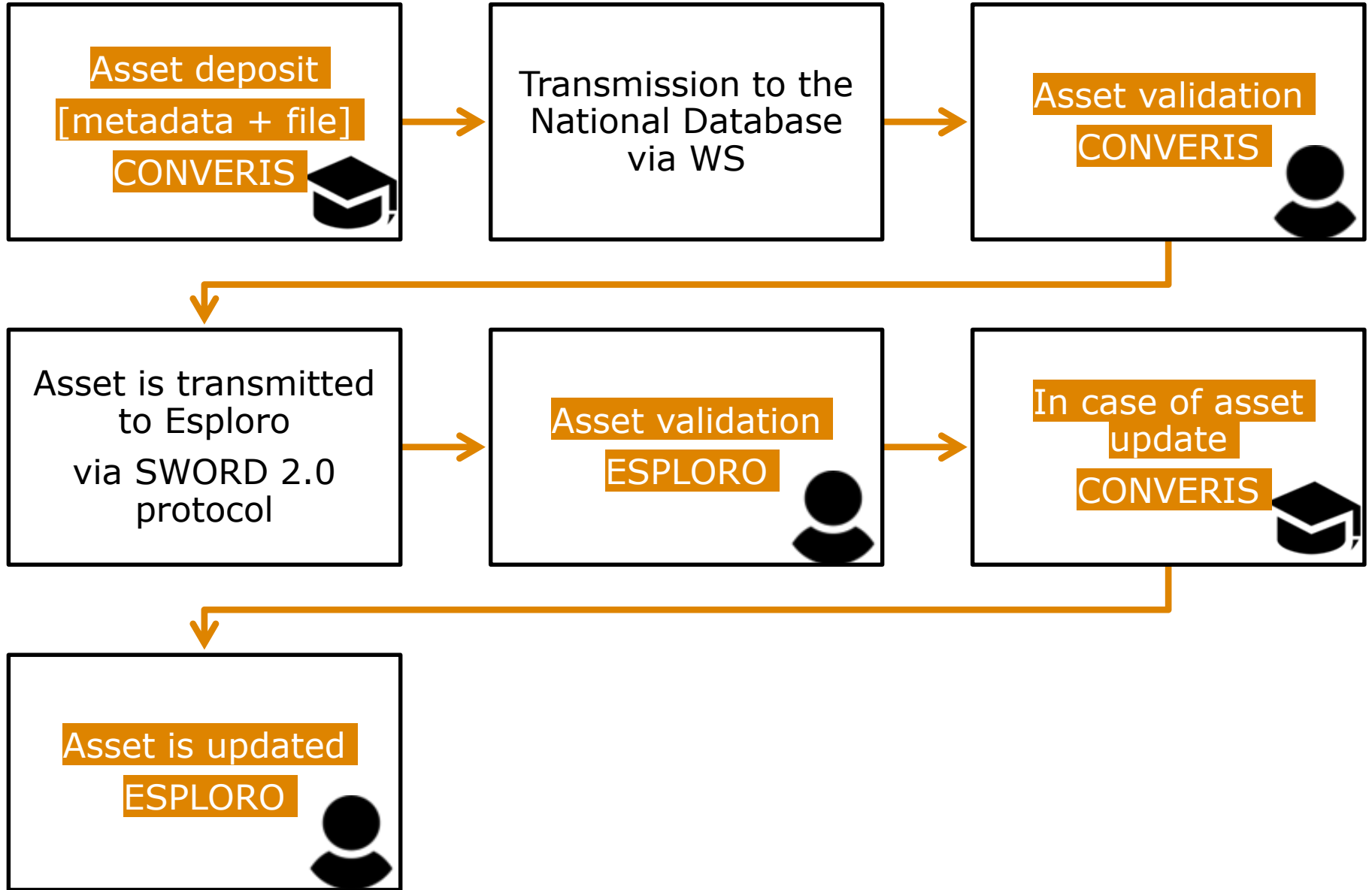
- Familiarity with the vendor and the user's community, expertise on Alma
- The good and the bad of being early adopter: opportunity to influence the development, direct contact with the developers, flexibility, risk
- A "lockdown project"



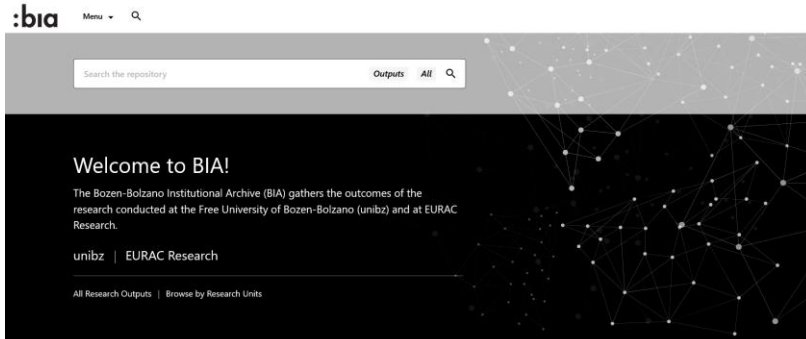
# Publication Workflow

- Asset deposit is managed by researchers mediated by the library for validation
- OA articles funded by the University are deposited directly by the library
- No explicit mandate for depositing assets, but evaluation initiatives use data deposited in Converis, especially for non-bibliometric disciplines

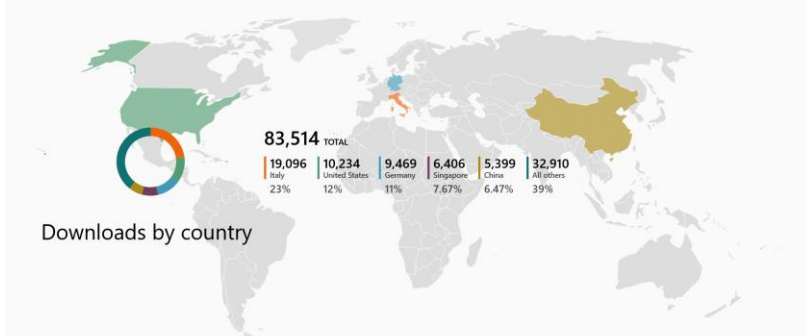
# Publication Workflow



# Achievements



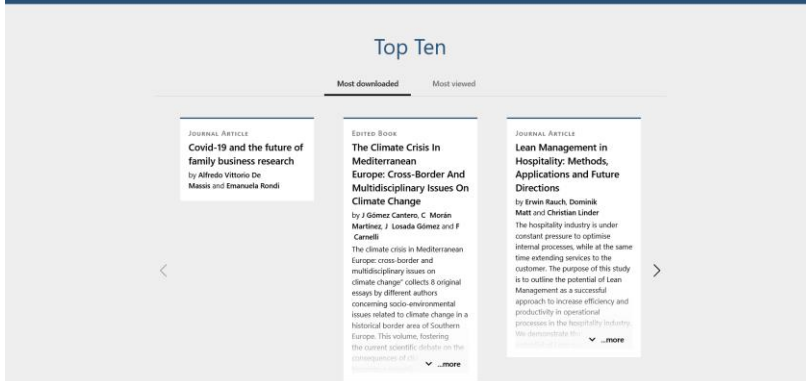
- New IR
- Showcase for research
- Easier analytics tool



~26000  
Converis  
records

52%  
Validated

## Repository metrics since October 2020



63%  
to National  
Database

~2600 Annual  
increase

~20000  
Esploro  
records

65%  
University  
records

# Overload



- Too many systems
- Tasks duplication
- Two different systems

[+] Welcome to dblp  
[-]

ACADEMIA

Download  
40 million PDFs  
for free

Sign Up

Registered Users 192m+  
Uploaded Papers 40m+  
Daily Recommendations 20m+

## Publications

My publication list is available

History of Education, General Pedagogy and Comparative Studies – Between and Beyond. Interview with Edwin Keiner  
Vogt M, Augschöll Blasbichler A (2021)  
In the Footsteps of the Masters  
Contribution in book  
Edit | Clone | Delete

2 History of Education, General Pedagogy and Comparative Studies – Between and Beyond. Interview with Edwin Keiner Edit Delete ...  
ID: 991006401995901241 Affiliation: Faculty of Education Creator: Vogt, Michaela Date: Publication 2021  
Book chapter Asset last updated: 07/09/2022 Published in: In the Footsteps of the Masters  
SWORD2  
Files Asset Details Related Assets Deposit policy

Tasks

- 6 Purchase Requests
- 104 Other Requests
- 16 DARA Recommendations
- 2079 Order Lines
- 9 Invoices
- 33 Electronic Resources
- 384 Research Deposits
- 14 Smart Harvesting – Author Matching
- 1 Trials
- 3710 Reading Lists
- 8824 Citations



# Connectivity via SWORD

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<irconfig>
  <ir name="dspace">
    <mapping>
      <!-- Publication -->
      <infoobjecttype name="Publication" relation="">
        <attribute name="AcademicDegree" type="choicegroup" lang="false">
          <element>AcademicDegree</element>
          <qualifier>none</qualifier>
        </attribute>
        <attribute name="accessRights" type="choicegroup" lang="false">
          <element>accessRights</element>
          <qualifier>none</qualifier>
        </attribute>
        <attribute name="affiliation" type="plaintext" lang="true">
          <element>affiliation</element>
          <qualifier>none</qualifier>
        </attribute>
        <attribute name="articleNumber" type="integer" lang="false">
          <element>articleNumber</element>
          <qualifier>none</qualifier>
        </attribute>
        <attribute name="authoredBookType" type="choicegroup"
lang="false">
          <element>authoredBookType</element>
          <qualifier>none</qualifier>
        </attribute>
        <attribute name="bookDOI" type="plaintext" lang="false">
          <element>bookDOI</element>
          <qualifier>none</qualifier>
        </attribute>
        <attribute name="cfAbstr" type="html" lang="true">
          <element>cfAbstr</element>
          <qualifier>none</qualifier>
```

- Current issues
- Lack of automatic updates in Esploro in case of corrections in Converis (planned)
- Record in Converis doesn't receive the Esploro enrichments

# APC Workflows in Esploro?

Application for unibz Open Access Publishing Fund

Use this form only for article processing charges and not for submission fees!

paolo.buoso@unibz.it [Cambia account](#)

\*Campo obbligatorio

**Email \***  
Il tuo indirizzo email

**First Name \***  
La tua risposta

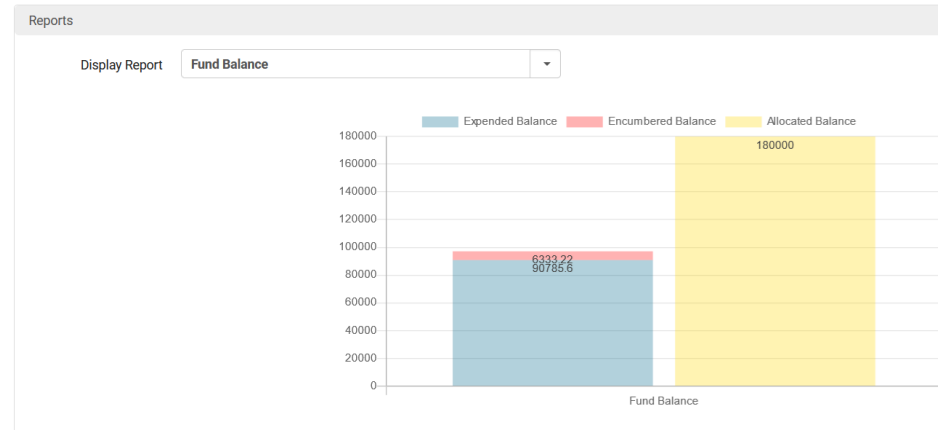
**Last Name \***  
La tua risposta

MIUR Academic Discipline (Settore Scientifico Disciplinare)  
La tua risposta

**Article Title \***  
La tua risposta

**Journal Title \***  
La tua risposta

**Publisher \***  
La tua risposta



Open access publication fee - Federico Corni 1/2019, Article title: Primary Physical Science for Student Teachers at Kindergarten and Primary School Levels. Part I: Foundations of an Imaginative Approach to Physical Science, Journal title: Interchange

Assigned to: -

Type: Other Service - One Time

PO line owner: Bozen-Bolzano University Library

Standard number: -

PO: UBZ-PO-384066 / (Closed)

PO line: UBZ-POL-194563 / (Closed)

Total price: 2488.80 EUR

Funds: 05-OA Fund EDU (100.0%) (FY-2019)

Vendor/Account: Springer Nature Customer Service Center GmbH / Springer Nature Customer Service Center GmbH SPRINGER

Vendor reference ID: -

Sent date: 27/01/2020

At least one of the reporting codes is missing

JOURNAL ARTICLE | OPEN ACCESS | PEER REVIEWED



**Primary Physical Science for Student Teachers at Kindergarten and Primary School Levels: Part II—Implementation and Evaluation of a Course**

by Federico Corni and Hans Ulrich Fuchs

Interchange, Vol.52, pp.203-236

52

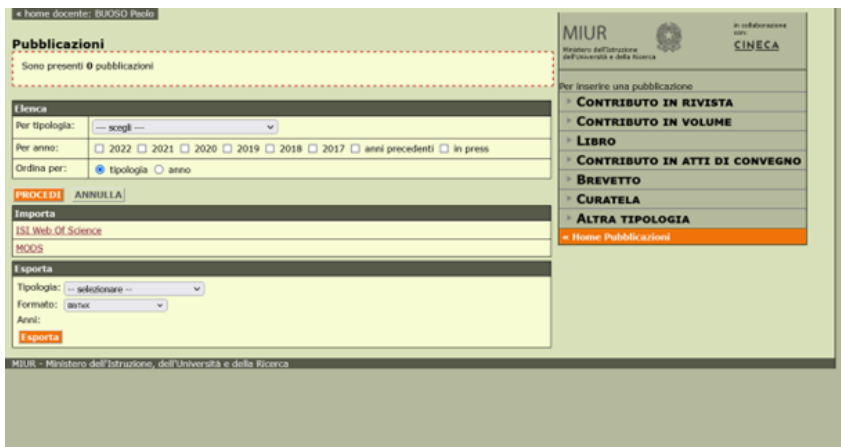
25/02/2021

DOI <https://doi.org/10.1007/s10780-021-09424-6>

This is the second of two papers on a novel physical science course for student teachers that develops and uses an imaginative approach to Primary Physical Science Education. General philosophical, cognitive, developmental, and scientific issues have been presented in the first paper; here, we briefly recapitulate the most important aspects. In the main part of the cur... [...more](#)

# National Requirements

- 1 Converis, 2 Esploro academic customers in Italy
- Lack of OOTB solutions for integration with national systems and features for generating compliant bibliometric analysis based on information related to specific entities (e.g. journals).



ASN 2018-2020		
Valore	INDICATORE	S
7	Numero articoli ultimi 5 anni	
680	Numero citazioni ultimi 10 anni	
12	H index ultimi 10 anni	
La simulazione ASN per il ruolo di docente di Seconda Fascia ha esito positivo?		

# Customisations in Esploro portal

- More customisation features needed

The screenshot shows the Esploro portal interface. At the top left is the logo ':bia' with a 'Menu' dropdown and a search icon. Below it, the text 'Research Units / Free University of Bozen-Bolzano' is displayed. A search bar contains the text 'Page 1 of 12,692 results'. On the left side, there are filters for 'Refine the results', 'Sort by Date-newest', 'Institution' (with a dropdown arrow), and 'Research unit' (with a dropdown arrow). The 'Institution' filter shows 'Free University Of Bozen Bolzano Unibz' with 12.7k results. The 'Research unit' filter shows several options: 'Faculty of Science and Technology' (4k), 'Faculty of Education' (3.5k), 'Faculty of Economics and Management' (2.3k), 'Faculty of Computer Science' (2k), and 'Faculty of Design and Art' (715). The main content area displays a search result for a 'JOURNAL ARTICLE' titled 'Contribution to the knowledge of aquatic vegetation of montane and submontane areas of Northern Apennines (Italy)'. The article is by D Viciani, C Angiolini, Gianmaria Bonari, A Bottacci, L Dell'Olmo, V Gonnelli, A Zoccola and L Lastrucci. It is published in 'Plant Sociology, Vol.59(1), pp.25-35' and is dated '06/08/2023'. The article is marked as 'OPEN ACCESS' and 'PEER REVIEWED'. Below the article title, there is a snippet of text: 'The importance of wetlands for biodiversity conservation is widely recognized. Their relevance is crucial in the identification of habitat types included in the Habitats Directive 92/43/EEC and in the application of the following conservation measures. Yet, several montane and submontane areas are poorly investigated from the phytosociological point of view. More on checked aquatic communities of the Tirolo-Bozener Apennine...'. There is a '...more' link next to the snippet. Below the article, there is another search result for a 'MAGAZINE ARTICLE' titled 'Le opzioni del 1939' by Andrea Di Michele.

- Dedicated Academic Units Homepages (planned)
- Citations (not only WOS)

# Clarivate Successfully Completes Acquisition of ProQuest

Share this article



*Empowering research-focused organizations around the globe to discover, research and innovate*

*Reaffirms 2021 Clarivate standalone and 2022 combined company financial outlook*

# Expectations and concerns

- Reorganisation phase
- Two different companies, products and community of users.
- Will both products continue to be developed?
- Have we to expect a new solution for both products?



# And now?

- Workflow revision
- Take advantage of the advanced Esploro functions such as Smart Harvesting / Enrichment
- Exclusive use of Esploro for publications?
- Inverted workflow?

**Thank you  
for your attention!**

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