



## Re-UNITA project *Research for UNITA*

### D.6.5 - An open platform of relevant publications

*Université Savoie Mont Blanc*



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 101035810.

<b>Project Acronym</b>	Re-UNITA
<b>Project Title</b>	Re-UNITA - Research for UNITA
<b>Document Author</b>	Maria-Grazia SCRIMIERI
<b>Project Coordinator</b>	Frédéric Marias
<b>Project Duration</b>	36 Months
<b>Deliverable No.</b>	6.5
<b>Dissemination level *</b>	PU
<b>Work Package</b>	6
<b>Task</b>	6.4 To promote Citizen Science in UNITA ecosystems
<b>Lead beneficiary</b>	USMB
<b>Due date of deliverable</b>	08/2024
<b>Actual submission date</b>	31.08.2024
<b>Document version</b>	1.0

\* PU = Public; PP = Restricted to other programme participants (including the Commission Services); RE = Restricted to a group specified by the consortium (including the Commission Services); CO = Confidential, only for members of the consortium (including the Agency Services)

## Abstract

The creation of the platform for relevant publications was conceived as an instrument that gathers the most recent and interesting research in the three areas of UNITA alliance, Cultural Heritage, Renewable Energies, Circular Economy.

The platform offers the users the possibility to access the publications by title, abstract, key-word or journal to facilitate not only their availability and use by public authorities and civil society but also the transfer and sharing of results between the researchers.

## Table of contents

1. Parties .....	5
2. Online platform construction and description .....	6
3. Sustainability of the action.....	8

## 1. Parties

This online platform is created by the input of the following parties:

1. UNIVERSITÉ DE PAU ET DES PAYS DE L'ADOUR (UPPA), established in AVENUE DE L'UNIVER-

SITÉ, BP 576, 64012 PAU Cedex (France).

2. UNIVERSITÀ DEGLI STUDI DI TORINO (UNITO), established in VIA GIUSEPPE VERDI 8, TORINO

10124, Italy.

3. UNIVERSIDADE DA BEIRA INTERIOR (UBI), established in CONVENTO DE SANTO ANTÓNIO, CO-

VILHÃ 6201 001, Portugal.

4. UNIVERSIDAD DE ZARAGOZA (UNIZAR), established in CALLE PEDRO CERBUNA 12, ZARAGOZA

50009, Spain.

5. UNIVERSITÉ SAVOIE MONT BLANC (USMB), established in RUE MARCOZ 27, CHAMBERY 73011,

France.

6. UNIVERSITATEA DE VEST DIN TIMIȘOARA (UVT), established in BD VASILE PÂRVAN 4, TIMIȘOARA

300223, Romania.

## 2. Online platform construction and description

### 2.1 Methodology

The conception and the implementation required several steps.

1) The first one was a feasibility study, to weigh the different options and compare pros and cons

in order to find the infrastructure that best satisfied our needs.

Between late 2022 and early 2023, we have reviewed 3 different: *HAL*, a French national open archive, *OpenAIRE* and *Zenodo*. We contacted the support center of each infrastructure to have more information on technical aspects (possible software, support team, available storage space) and possible costs and make the better choice for the alliance.

2) The second step was dedicated to define together the most suitable criteria to select the articles to add in our platform. The members of the WP6 decided that:

- Different kind of publication can be selected: articles, preprints, book sections and PhD dissertations
- The publications have to be published between 2020 and 2023 (so from the creation of UNITA)
- Only publications that are relevant for the 3 themes of the hubs

3) The last step was to select a platform and start to add our articles on it. We selected Zenodo because it's a free platform, and did not require each university to sign any specific agreements. The platform, named *Research for UNITA - Scientific publications*, was set up very quickly, and technicians of Zenodo were able to respond very quickly to technical questions.

To date, we started to upload some publications on it, and we will continue in order to have all the articles of our universities regarding the area of the 3 hubs. The

uploads are done manually by a designated person from each university. in the future, an automatic upload may be implemented.

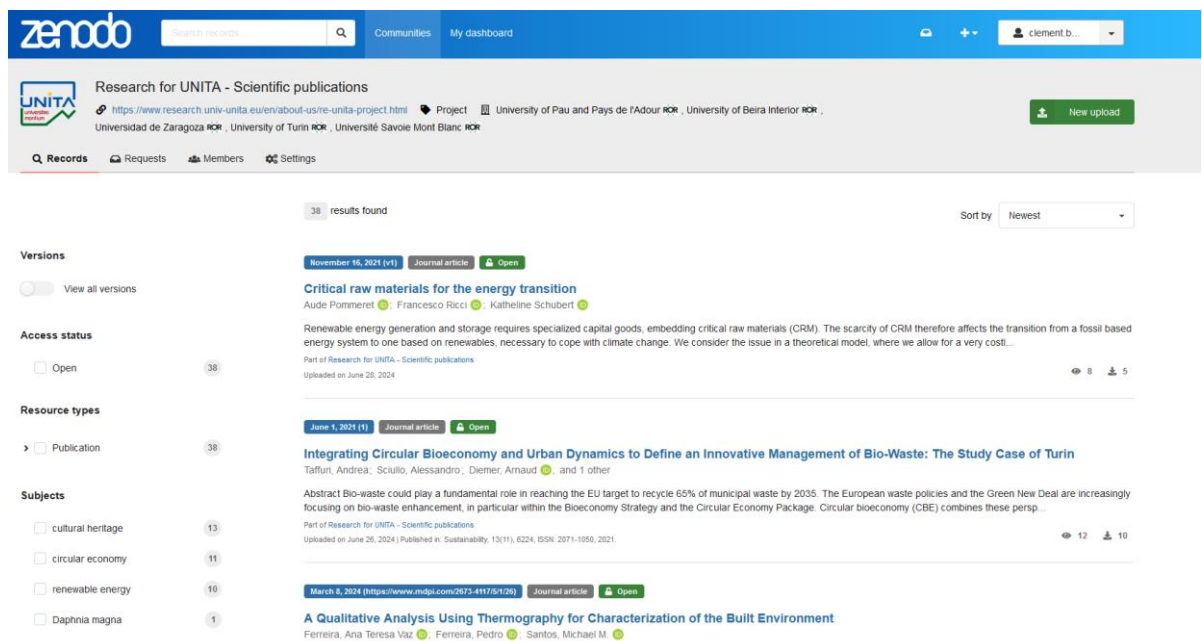
## 2.2 The structure of the online platform

The platform is structured as a community on Zenodo, accessible here :

[https://zenodo.org/communities/unita\\_research/records?q=&l=list&p=1&s=10&sort=newest](https://zenodo.org/communities/unita_research/records?q=&l=list&p=1&s=10&sort=newest)

Communities are shared areas on Zenodo where projects, institutions, domains, and conferences can curate and manage their research outputs. Communities provides features for managing members, reviewing submissions and curating content in the community.

This choice also ensures us that the scientific results are stored safely, citeables and trackables as every upload is assigned a Digital Object Identifier (DOI). In addition, the upload is very fast and the community on Zenodo allows us to have display standards compliant usage statistics.



The screenshot displays the Zenodo interface for the 'Research for UNITA - Scientific publications' community. The top navigation bar includes the Zenodo logo, a search bar, and links to 'Communities' and 'My dashboard'. The community header shows the UNITA logo and a list of member institutions: Universidad de Zaragoza, University of Turin, Université Savoie Mont Blanc, University of Pau and Pays de l'Adour, and University of Beira Interior. A 'New upload' button is visible in the top right.

The main content area shows search results for '38 results found', sorted by 'Newest'. The results list includes:

- November 16, 2024 (v1)** | Journal article | Open  
**Critical raw materials for the energy transition**  
 Aude Pommeret, Francesco Ricci, Katheline Schubert  
 Renewable energy generation and storage requires specialized capital goods, embedding critical raw materials (CRM). The scarcity of CRM therefore affects the transition from a fossil based energy system to one based on renewables, necessary to cope with climate change. We consider the issue in a theoretical model, where we allow for a very cost...  
 Part of Research for UNITA - Scientific publications  
 Uploaded on June 28, 2024
- June 1, 2024 (1)** | Journal article | Open  
**Integrating Circular Bioeconomy and Urban Dynamics to Define an Innovative Management of Bio-Waste: The Study Case of Turin**  
 Taffuri, Andrea, Scullo, Alessandro, Diemer, Arnaud, and 1 other  
 Abstract Bio-waste could play a fundamental role in reaching the EU target to recycle 65% of municipal waste by 2035. The European waste policies and the Green New Deal are increasingly focusing on bio-waste enhancement, in particular within the Bioeconomy Strategy and the Circular Economy Package. Circular bioeconomy (CBE) combines these persp...  
 Part of Research for UNITA - Scientific publications  
 Uploaded on June 26, 2024 | Published in: Sustainability, 13(11), 6224, ISSN: 2071-1050, 2021
- March 8, 2024 (https://www.mdpi.com/2673-4117/5/1/26)** | Journal article | Open  
**A Qualitative Analysis Using Thermography for Characterization of the Built Environment**  
 Ferreira, Ana Teresa Vaz, Ferreira, Pedro, Santos, Michael M

On the left side, there are filters for 'Versions', 'Access status', 'Resource types', and 'Subjects'. The 'Subjects' filter is expanded, showing categories like 'cultural heritage', 'circular economy', 'renewable energy', and 'Daphnia magna'.

Figure 1 - Zenodo Re-UNITA Community - Screenshot - 28/08/2024

## 3. Sustainability of the action

### 3.1 Promoting UNITA R&I hubs results

The starting date of the action is late 2022 and this online platform will be completed all along the project with information related to supplementary members and will be valid and updated till the end of the Re-UNITA project at October 2024. The platform should remain after this date, involving more hubs and more publications to support the promotion of scientific publications.

In 2024, the UNITA Alliance has enlarged its scientific priorities to 3 new thematic. From now on, the UNITA scientific identity is declined into the following 6 areas, covering most of our research expertise:

- Cultural heritage
- Green energies
- Circular economy and environment
- Inclusive societies
- Global health
- Digital transition

UNITA's Ambition is to build out-of-wall research institutes around these themes, building a large and intensive research community, able to tackle challenges and projects in further projects.

As such, we expect UNITA researchers to develop many common research activities, supported by UNITA institutions, and a wide range of fundings.

The platform created in Re-UNITA will be a key opportunity to promote the research results achieved in these 6 R&I Hubs, highlighting the common publications of UNITA researchers, and a unique entry to discover these shared publications.



### 3.2 Supported by UNITA library's network

In 2021, the UNITA universities build the “UNITA library's network”.

The Libraries of UNITA Alliance Members have grouped together since 2021, constituting a network which purpose is to work collaboratively to serve the objectives and actions of the UNITA Alliance, in their professional field :

- Experience sharing and Librarians upskilling, Librarians mobility
- Digital collections policy and management, in the matter of subscriptions and access to Libraries digital resources for Research and Education activities inside UNITA.
- Pooling of services for UNITA students and staff in virtual or physical mobility.
- Support to UNITA 2 workpackages and actions (mainly WP 2.4, 4.3, 4.4, 5.5), especially in the fields of open science, knowledge sharing, students and staff training concerning open science and information literacy, pooling of services for UNITA community.
- Cooperation and networking with other European Universities Alliances and contribution to the visibility of UNITA, thanks to their active participation in the FOR EU LIB group of European Universities Libraries, and through their individual membership in LIBER (Association of European Research Libraries).

Involved in Re-UNITA project since its beginning, the UNITA library network has supported, by its expertise and mutual knowledge, the creation of the UNITA publications platform.

As such, the UNITA libraries will be a key player to promote this platform towards the whole UNITA research community, ensuring its updates and its diffusion.