



## PR1A7: Synthesis of publication “Practices in the revival of European cultural heritage organisations through university-driven open innovation”

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## Deliverable Factsheet

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## Consortium

The consortium governing the project is adequately representing a wide range of expertise, as 4 Higher Education Institutions and 1 university library (NTNU, Scuola Superiore Sant’Anna, Sofia University ST Kliment Ohridski, University of Tartu) join hands with a digital education company (Web2Learn) and an NGO of 16 cultural associations: OSYGY. This mix of knowledge, skills, experiences and networks guarantees a layered approach toward a diverse range of stakeholders.

|   | Name   | Short Name | Country  |
|---|--|------------|----------|
| 1 | <b>Norwegian University of Sciences and Technology</b>     | NTNU       | Norway   |
| 2 | <b>Sant’Anna, School of Advanced Studies, Pisa</b>         | SA         | Italy    |
| 3 | <b>Web2Learn</b>   | W2L        | Greece   |
| 4 | <b>Sofia University St Kliment Ohridski</b>                | SU         | Bulgaria |
| 5 | <b>University of Tartu</b>                                 | UT         | Estonia  |
| 6 | <b>Federation of Women Association “Kores of Cyclades”</b> | OSYGY      | Greece   |



## Revision History

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| VO.1    | August 3  | Alexandra Angeletaki, Anna Mavroudi | Edits, improvements       |
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This deliverable contains original unpublished work except where clearly indicated otherwise. Acknowledgement of previously published material and of the work of others has been made through appropriate citation, quotation or both.

### Disclaimer:



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## List of Abbreviations

The following table presents the acronyms used in the deliverable in alphabetical order.

| Abbreviations | Description                            |
|---------------|--|
| HEIs          | <b>Higher Education Institutes</b>     |
| CHOs          | <b>Cultural Heritage Organisations</b> |
| OI            | <b>Open Innovation</b>                 |

## Executive Summary

This document provides an overview of the publication showcasing HE engagement practices in the revival of European cultural organisations through open innovation. The latter is the final outcome of project result 1 of the eCHOing project <https://echoing.eu/results/>. Its aim is to present in a short yet inclusive way the process of the selection of 10 best practices in the field of Cultural Heritage revival through university-driven open innovation. The 10 best practices are also presented along with Opportunities and Obstacles for synergies in the field.

The “Recovery of cultural heritage through higher education driven open innovation-eCHOing” project aspires to contribute in the recovery of the higher education sector as a pillar of diversity, social inclusion, democracy and social responsibility in modern societies, which have been affected by the covid-19 pandemic. The overall aim of this project is to help HEIs re-consider their academia-society relationship in the post-pandemic era and become more agile in order to tackle the crisis of important sectors of socio-economic activity severely hit by the pandemic, such as the cultural sector and more specifically the small and medium-sized Cultural Heritage Organisations (CHOs). By the completion of this project, HEIs will understand the importance of providing innovative forms of digitally enhanced knowledge to CHOs through OIP collaborations.



# 1. Introduction

## 1.1. Introduction and Scope of Study

We can all agree that COVID-19 had drastic negative effects on education and culture. This is the reason why something innovative had to be done in order to change this situation. eCHOing is an Erasmus+ project organised to connect Higher Education Institutes (HEIs) and Cultural Heritage Organisations (CHOs) through open innovation methods between staff and students. The belief is that through successful synergies between CHOs and HEIs, the CH sector can be revived. This will evidently promote diversity and social inclusion in our post pandemic society, while allowing medium and/or smaller CHOs to flourish. Besides, it will improve the relationship between academia and society. The project started in January 2022 and will end in June 2024, with its 6 partners being: NTNU (Norway), Santa Anna University (Italy), Web2Learn (Greece), Sofia University (Bulgaria), University of TARTU (Estonia), and OSYGY (Greece).

The present document is a synthesis of the first outcome of the eCHOing project (Project Result-PR1), the open access publication showcasing practices in the revival of European cultural organisations through HEI-driven open innovation<sup>1</sup>.

## 1.2. What is Open Innovation?

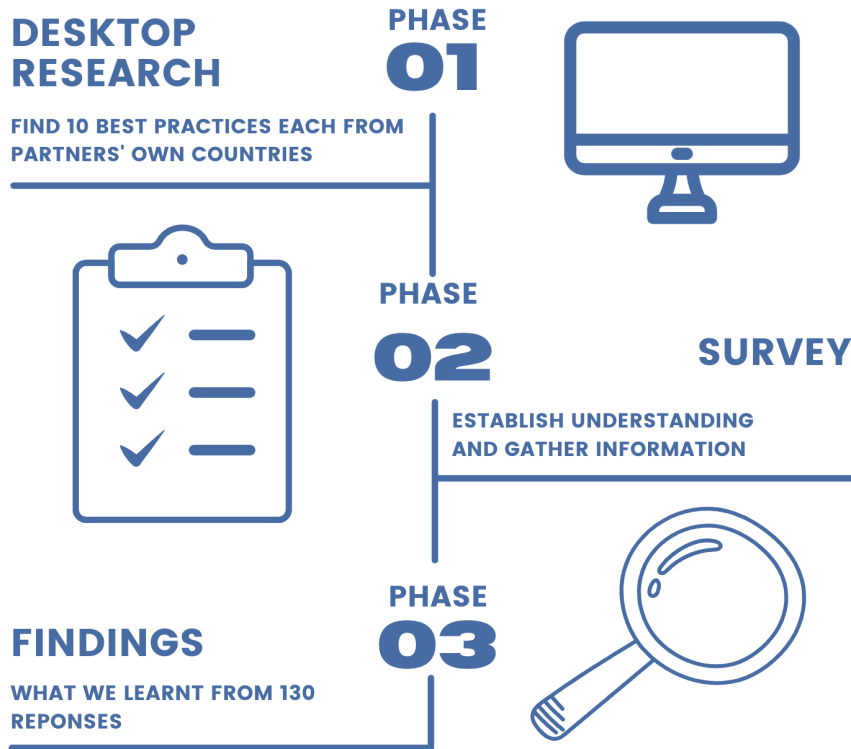
The concept of OI is often confused with being solely related to the usage of the latest technology. However, this is not a necessity. OI is about combining own knowledge and external inputs (from different types of communities, users or institutions) to create something new, e.g. introduce a new service or enlarge a collection. Through OI, eCHOing provides CHOs and HEIs with a space and an opportunity for collaboration, where new ideas on CH and education arise. These collaborations can only be successful if OI is in play, and if a safe space is created where all thoughts and suggestions are being equally weighted into the final result.

## 1.3. Methodology

In order to understand the methodology in a simple way, it is advisable to divide it into three different practices: Phase 1 → Desktop Research, Phase 2 → Survey, and Phase 3 → Findings.

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<sup>1</sup> The documents produced (Synthesis, Infographics, etc) are available in EL, NR, ES, IT at the project website: <https://echoing.eu/results/>



## 1.4. Phase 1: Desktop Research

The first step was implemented by asking the partners to find 10 best practices each from their own countries, and report back to the eCHOing team. A broad collection of practices was gathered into a shared document for further reviewing. In that way, the eCHOing team could narrow it down to the ones that served both HEIs and CHOs the most, so that they can be used as a starting point and a guide for the following steps.

However, more documents were created throughout the process of elimination, to validate in a better way the relevance of the results. Those documents are:

- ❖ a Qualitative Criteria List (with possible operational, social, and economic impacts),
- ❖ a Glossary with the key concepts and terms used throughout the project, and
- ❖ an OI Mapping and Matching Guide was produced so as to clarify OI content and potential as well as to facilitate next steps of the project.

## 1.5. Phase 2: Survey

### Main aims



## 1.6. Phase 3: Findings

- **The respondents hold dear the idea of cultural heritage** as a safeguard of the past and desire to experiment with innovative forms, despite their different backgrounds.
- **Most respondents are familiar with various types of OI**, but their application in institutional practice still remains an unexplored field.
- **New inequalities emerged regarding access to the internet** (lack of skills and limited or obsolete infrastructure) further expanding the digital divide among different socio-economic strata, due to the disruption of interaction with cultural activities
- **Motivation for embracing OI relies heavily firstly on financial support and investment on human resources**, and secondly on **understanding its relevance** to cultural heritage practitioners/participants, its usefulness, and its potential impact.
- **Respondents in all project countries support HEIs-CHOs synergies**. Collaborations attract unanimous popularity and there is indeed an untapped potential, as written in the project proposal

## 1.7. The untapped potential

eCHOing proposes a solution to unravel the potential of such collaborations between HEIs and CHOs → **HE teaching and learning practices and academic curricula embracing new forms of open and citizen-driven innovation.**

## 2. Future analysis

A few important things that will be taken in further consideration are listed below:

A. **The diverse backgrounds of CHOs** (*Size of the institute, Funding opportunities and available financial resources, Number of volunteers etc*), in order to determine the Methodology of HEIs-CHOs collaboration and the Action Plans for the OIPs

A. **Country-specific and region-specific data.** By focusing on these the adaptation of relevant methodologies and strategies for HEIs and CHOs cooperation for OI projects will be enabled

B. **Identification of the factors holding back CHOs as well as the definition of ways CHOs can use and leverage OI more effectively with local businesses and small government departments/NGOs.** For example, specifying new funding avenues and industry partners for smaller CHOs can untap their potential.

The table below synthesizes on the one hand, the solutions and opportunities, and on the other hand, the challenges and barriers identified.

| SOLUTIONS & OPPORTUNITIES   |
|---|
| Prior Experience of collaboration between HEIs and CHOs → excellent launchpad for HEI Open Innovation-driven synergies. |
| Highlighting best practices and inspiring, real- life examples → explaining the importance of OI                        |
| Invest in lifelong learning   |
| Cross-European exchange of best practices and experience  |
| Develop dissemination events targeting specialized audiences as well as the general public                              |

| CHALLENGES & BARRIERS   |
|---|
| Funding   |
| Access to resources   |
| Difficulty to comprehend the usefulness and impact of open innovation   |
| Incomprehensible language-Novelty of concepts   |
| Conflicts & fear of the unknown<br><i>(Attitudes on the verge of technophobia or techno-distrust are still present among some grassroots organizations)</i> |

Table 1: Solutions, opportunities, challenges and barriers identified

### 3. Selection of 10 best practices

Ten initiatives of university collaboration with cultural organisations in open innovation projects results from our analysis. They are showcased hereafter.

| C: Category   | Best Practices |   |
|---|----------------|---|
| <b>C1. Hacktivism</b><br>(possible collaboration between universities and cultural organisations) | 1              | <u>Hack yourself into Danish culture</u> , 2014 |
|   | 2              | <u>“Guide your guide”</u> , 2020                |
| <b>C2. Maker culture</b><br>(Digital and/or physical)   | 3              |   |

|   |           |   |
|---|-----------|---|
| (possible for collaboration between universities, NGOs and cultural organisations)  |           | <b><u>TYPA Printing and Paper Museum,</u></b><br>2010-ongoing   |
| <b>C3. Innovation Labs<br/>(digital and/or physical)</b><br><br>For small CHOs, NGOs in collaboration with students from HEIS                                 | <b>4</b>  | <u>DISTILL project,</u> 2021  |
| <b>C4. Crowdsourcing</b>  | <b>5</b>  | <u>Art Pluriverse II – Biennale of Western Balkans,</u><br>2020   |
| <b>C5. Citizen science<br/>(Digital and/or physical)</b><br><br>(possible collaboration between libraries, cultural organisations, universities and citizens) | <b>6</b>  | <u>Who is a Citizen Scientist? – Parthenos training,</u><br>2016  |
| <b>C6. Citizen-driven innovation<br/>(Digital and/or physical)</b>  | <b>7</b>  | <u>Examples of Digital Action inside and beyond universities during the pandemic, Heidi Project,</u> 2021-ongoing |
|   | <b>8</b>  | <u>Knitters' Replica Club,</u> ongoing  |
|   | <b>9</b>  | <u>HERitage Management E Society ,</u> 2015-ongoing   |
|   | <b>10</b> | <u>Memory in the present-The covid-19 File,</u> 2021  |

Table 2: Synthesis of ten best practices