The H2020 ReInHerit Project and its Digital Hub. Redefining the future of cultural heritage, through a disruptive model of sustainability

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The H2020 ReInHerit Project

The H2020 ReInHerit project is a 3-years project (2021-2024), funded under the EU Horizon programme (grant agreement no 101004545). It is led by the Bank of Cyprus Cultural Foundation and it includes 11 other partners (Arte Sostenible, Spain; MICC, University of Florence, Italy; European Cultural Tourism Network; School of Law, University of Nicosia, Cyprus; Materahub, Italy; Museum of Cycladic Art, Greece; ZIM and Institute of Geography, University of Graz, Austria; CYENS, Cyprus; Blue Shield, Greece; Arcada, Finland; Graz Museum, Austria).

ReInHerit aims to innovate the possibilities for communication, collaboration, and innovation exchange between museums and cultural heritage sites. It addresses both heritage stakeholders (museums, cultural tourism, policy makers) and their audiences, with the aim of developing a sustainable model for cultural heritage management. This model is based on primary research, on the development of a digital ecosystem with resources and possibilities of sharing experiences and experiment.

The project consists of 8 Work Packages, of which Work Package 2 (including a state-of-the-art review, surveys and focus groups), Work Package 3 (including the development of digital tools and webinars), Work Package 4 (including the Digital Hub and immersive performances), and Work Package 6 (including travelling and digital exhibitions) are of particular interest in regards of their contribution to digital heritage research. The results of WP2 research, the resources for professionals developed in WP3, and the exhibitions in WP6, will all be hosted on the ReInHerit Digital Hub, which has been developed by researchers at the University of Graz.

The ReInHerit Digital Hub

The Digital Hub, which has been launched in 2022 and will be enriched with content by all project partners during late 2022 and 2023, has been developed at the Centre for Information Modelling of the University of Graz. Chiara Zuanni is responsible for Work Package 4 and has coordinated the analysis of the requirements and the development process, while Sebastian Stoff has been the lead developer preparing the Digital Hub. Sina Krottmaier, Jörn Harfst, Jasmin Sandriester, and (since October 2022) Clemens Kröll have further contributed to the development of the Digital Hub.

The Hub includes a section targeted at heritage professionals, in which all the resources developed in the project will be presented with step-by-step guidance on their adoption and implementation. These resources will include mobile applications, using computer vision to foster engagement with museum collections (and a presentation of the key components of these apps and their use); a digital game (with guidance on the design process, the development of the story and its technical development); documentation of the two immersive performances produced within the project; recordings of the webinars and a presentation of the "best practices" emerging from the research. In parallel, the digital exhibitions, an online participatory collection, and an eShop will address a broader public. An open forum – with a flexible and adaptable structure – will foster communication and exchanges between the users of the ReInHerit resources, who will be able to receive support and present the results of their experiments with the ReInHerit Toolkit; and stakeholders addressed by the project.

This presentation will introduce the ReInHerit project and the Digital Hub, discussing the first results of the project and the possibilities for collaboration and participation in the ReInHerit Hub.

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Conflict of Interests Disclosure

No Conflict of Interests to disclose.

References

(n.d.), 'H2020. Redefining the future of cultural heritage, through a disruptive model of sustainability', CORDIS Portal. Available at: https://cordis.europa.eu/project/id/101004545/de (Accessed: 07 October 2022).

ReInHerit.eu (2021), ReInHerit website. Available at: https://www.reinherit.eu/ (Accessed: 07 October 2022).

Zuanni, C. (2022). 'The H2020 ReInHerit Project and its Digital Hub', in CHNT Editorial board. Proceedings of the 27th International Conference on Cultural Heritage and New Technologies, November 2022. Heidelberg: Propylaeum.