

## Deliverable D1.6

# Identification of cultural buildings and completion of feasibility studies as object or real and virtual cases in WP6 historical buildings WP1

<b>Grant Agreement number</b>	657982
<b>Project acronym</b>	Cheap-GSHPs
<b>Project full title</b>	<b>C</b> heap and <b>E</b> fficient <b>A</b> pplication of reliable <b>G</b> round <b>S</b> ource <b>H</b> eat <b>E</b> xchangers and <b>P</b> umps
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<b>Other authors</b>	Davide Poletto, M. Rosati, A. Ajoux, A. Bernardi, M. Di Tuccio, L. Pockele, G. Mezzasalma, A. Castelruiz, G. Emmi, M.Cultrera, A. Galgaro, A. Castelruiz

### Dissemination Level

PU	Public	
CO	Confidential, only for members of the consortium (including the Commission Services)	X
CI	Classified, as referred to in Commission Decision 2001/844/EC	

## Publishable summary

The Narrative of the “identification of cultural buildings and completion of feasibility studies as object or real and virtual cases in WP6 historical buildings is a confidential document, delivered in the context of WP1, Task **1.6 - Identification and feasibility of cultural buildings as demonstrators** with regard to the choice of monumental buildings (mostly museums), located in South-East Europe, main geographic area of mandate of the UNESCO Regional Bureau for Science and Culture in Europe (Venice), performing as virtual and real demonstrators of Cheap-GSHPs project.

This document provides the EU Commission with a detailed narrative of the efforts put in place by UNESCO and its tasks’ partners, on the assessments, consultations and field visits with stakeholders and further analysis undertaken to identify suitable and exemplary destination to apply the innovative solutions proposed by Cheap-GSHPs project. The groups targeted were the users’ committees composed of the managing authorities of the selected sites, both their museums directors and religious community (in the case of the monastery of Bodani), along with the local technical personnel identified by the beneficiaries for counselling and expertise services. The driving purpose of all this operation was to find the most suitable hydrogeological and structural features to host Cheap-GSHPs solutions along with the primary requirement to preserve the architectural integrity of the selected buildings, maximising the potential benefits both in CO<sub>2</sub> emission and in avoidance of invasive traditional heating/cooling systems.

The selected sites are: **the technical Museum of Zagreb (Croatia) as a real case, the orthodox monastery of Bodani in Vojvodina (Serbia) and the Historical Museum of Sarajevo (Bosnia and Herzegovina).**