



User-centric and data-driven retrofitting solutions for a resilient, energy-efficient, low emission and inclusive cultural heritage



@herit4ages-project

www.herit4ages.eu

## Goal

The main goal of the **HERIT4AGES** project is to develop and validate a set of technical and socially innovative sustainable energy and resource-efficient solutions, for the cost-effective improvement and preservation of the cultural heritage buildings.






## Demonstrations

The **HERIT4AGES** project showcases various demonstration sites that represent diverse geographical areas with unique local conditions like climate, social dynamics, and economic status. The solutions will be verified first in a **Heritage Testing lab** located in the Romanesque hermitage of Canduela in Spain **(1)**.

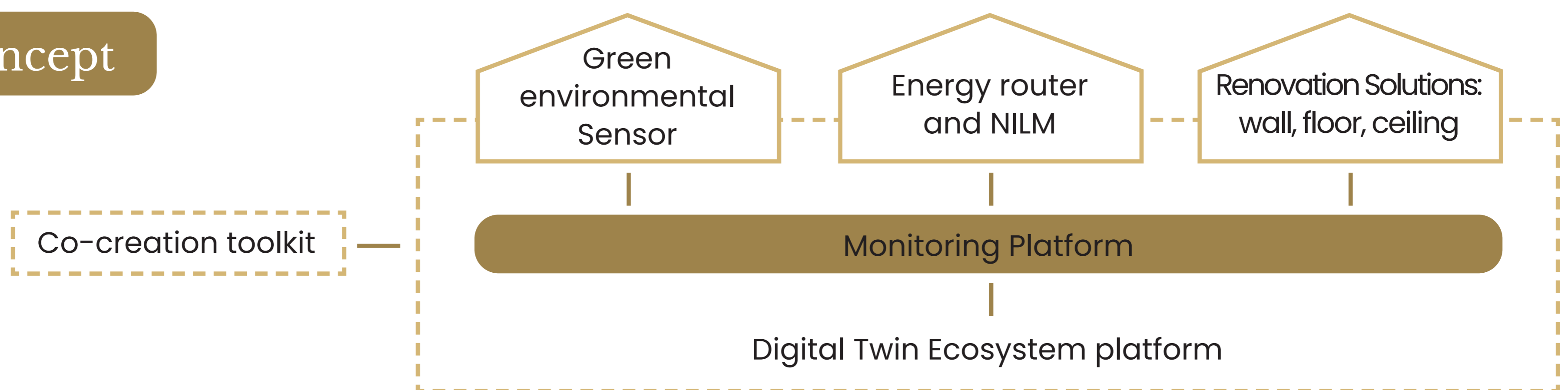
Solutions will be then implemented in **Heritage Living labs** located at Posada Santa María la Real in Spain **(2)**, Korporatsioon Vironia in Estonia **(3)**, Engineering Building at the University of Bologna in Italy **(4)**, and social housing in Funchal (Madeira), Portugal **(5)**.



## Technologies developed

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**Co-creation Toolkit**
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**Digital Twin Ecosystem Platform**
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**Green Environmental Sensor**
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**Smart Energy Router and Non-Intrusive Load Monitoring**
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**Renovation Solutions**

## Concept



## Partners



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