

REBECCO FARM: A COMMUNITY-BASED APPROACH IN ENERGY RETROFITTING OF A RURAL HISTORIC COMPLEX

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REBECCO FARM

- Rebecco Farm **renovation project** is explored
- **rural historical complex** of the 16th century transformed into a hospitality complex
- public and private partners involved
- innovative **sustainable solutions** were implemented
- activities of education, and **community involvement**
- model for sustainable retrofitting in rural built heritage









PROJECT STAKEHOLDERS

PRIVATE FOUNDATION

fondazione c a r i p l o LOCAL COMMUNITIES







CHAMBER OF COMMERCE

INDUSTRIES

RESEARCH INSTITUTIONS AND UNIVERSITIES

CONSTI



















THE COMMUNITY-LED PROJECT









- Workshops and activities carried out with the local community and several stakeholders (e.g., institutions, universities, the Cariplo Foundation) for defining intervention actions
- The Rebecco Farm project also served as a practical learning experience in sustainable conservation methods
- Seminars to educate the broader community about the importance of heritage preservation and sustainable practices

SUSTAINABLE CONSERVATION PROCESS

- The conservation process aimed at preserving as much of the authentic material as possible, while making the buildings usable and sustainable
- **Natural local materials** of Valle Trompia were tested (hemp blocks, marsh reeds, also wooden fiber panel)
- Detailed **simulations**

- **Second internal windows** were implemented while preserving the existing historic openings
- As HVAC system: a **wood-burning heating system**, contributing to the clearing of woods and undergrowth in the area







