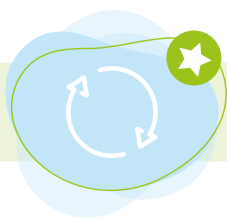


## 2



### BUILDINGS RENOVATED IN A SPIRIT OF CIRCULARITY

**Zero Waste House is a project** to transform a 130-year-old residence in Žalec, Slovenia. It will be home to one family and a centre for experimentation and education in energy efficiency and urban food production. Complete renovation would be too expensive so most of the existing building must be demolished. But its design, some of its structure and original materials will be preserved in the new house and auxiliary buildings. The aim is to reuse at least 80 % of the property's original material, diverting as little as possible to landfill. The Zero Waste House will combine architectural heritage and modern energy efficient building. The project also features a community garden, a "tool library", a passive aquaponic solar greenhouse and a dome to be used as temporary habitation. The project will live on once building is completed, with publications to share the renovation process, research to keep adapting to climate change and workshops and lectures for the community.



## Zero Waste House

SLOVENIA ŽALEC



### SUSTAINABLE

Reused materials  
Contingency planning

### AESTHETICS

Architectural heritage  
Natural materials

### INCLUSION

Community garden  
Tool library