

# Shelter

## Seferihisar

On the Aegean Coast of Turkey, battling earthquakes, wildfires, heatwaves and storms with a vernacular citadel town built with adobe



SCAN ME

## Explanation

Seferihisar Municipality has faced a major earthquake (2020) and a wildfire within the time span of SHELTER. Additionally, the first tsunami in the area's history happened after the earthquake, causing damage on the citadel walls.

The vernacular architecture is mainly mixed techniques using adobe and has seen waves of restoration. Improvements in the structural integrity of the building stock always added to the popularity of the area, which is highly touristic, however there is more work to do for resilience.

Stakeholder meetings



## Result

Throughout SHELTER project, Seferihisar has had its own challenges and opportunities. Project activities and outputs have opened discussions and brought ideas.

The organigraph study was carried through multiple stakeholder meetings and not only addressed existing gaps, but also became ground for conversations among stakeholders.

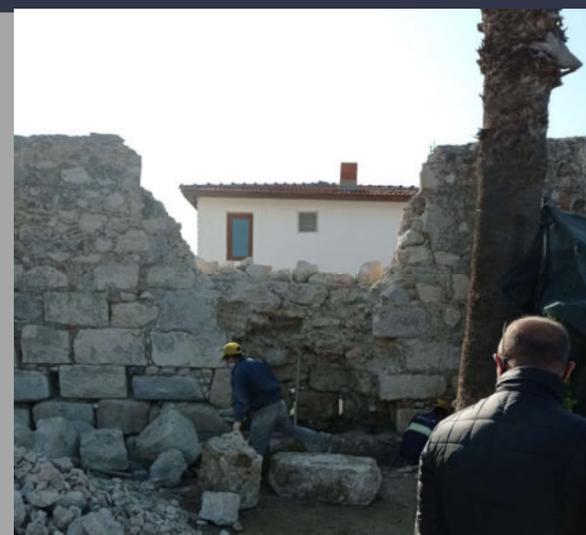
Stakeholders have been presented project results throughout their development and the chatbot has been found to be particularly useful for managing emergency response in the citadel area, where narrow streets can delay intervention. A scheme where business owners could network for response was discussed.

The chatbot was also discussed in the case of the devastating earthquake in eastern Turkey, to which Seferihisar also sent aid. In such conditions where local mobilization and coordination is critical, these tools have practical value.

Significant data gaps were addressed. Open street map data was used for risk assessment.

A report on vernacular architecture was delivered to municipality staff. Also, organisational analyses through work package 4 were provided and opened to discussion.

Seferihisar Municipality is currently working on their climate action plan under "Co-design for Sustainable, Resilient and Inclusive Public Spaces and Services (CIPSS) 2021" project.



Shelter team in Seferihisar