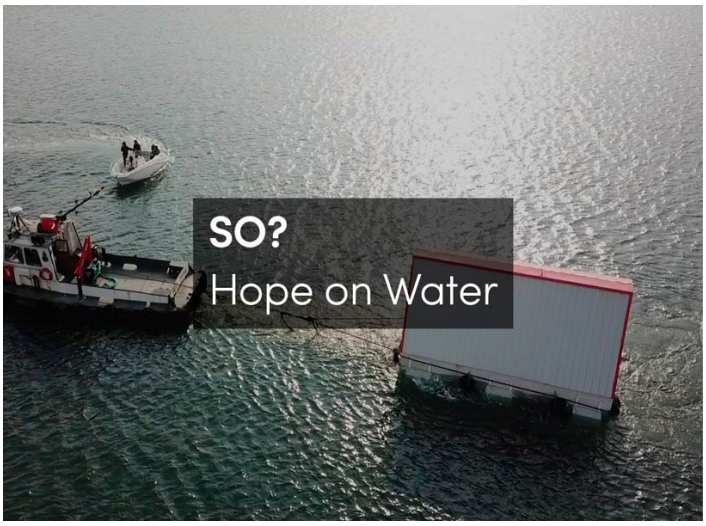


HOPE ON WATER: FLOATING EMERGENCY HOUSE

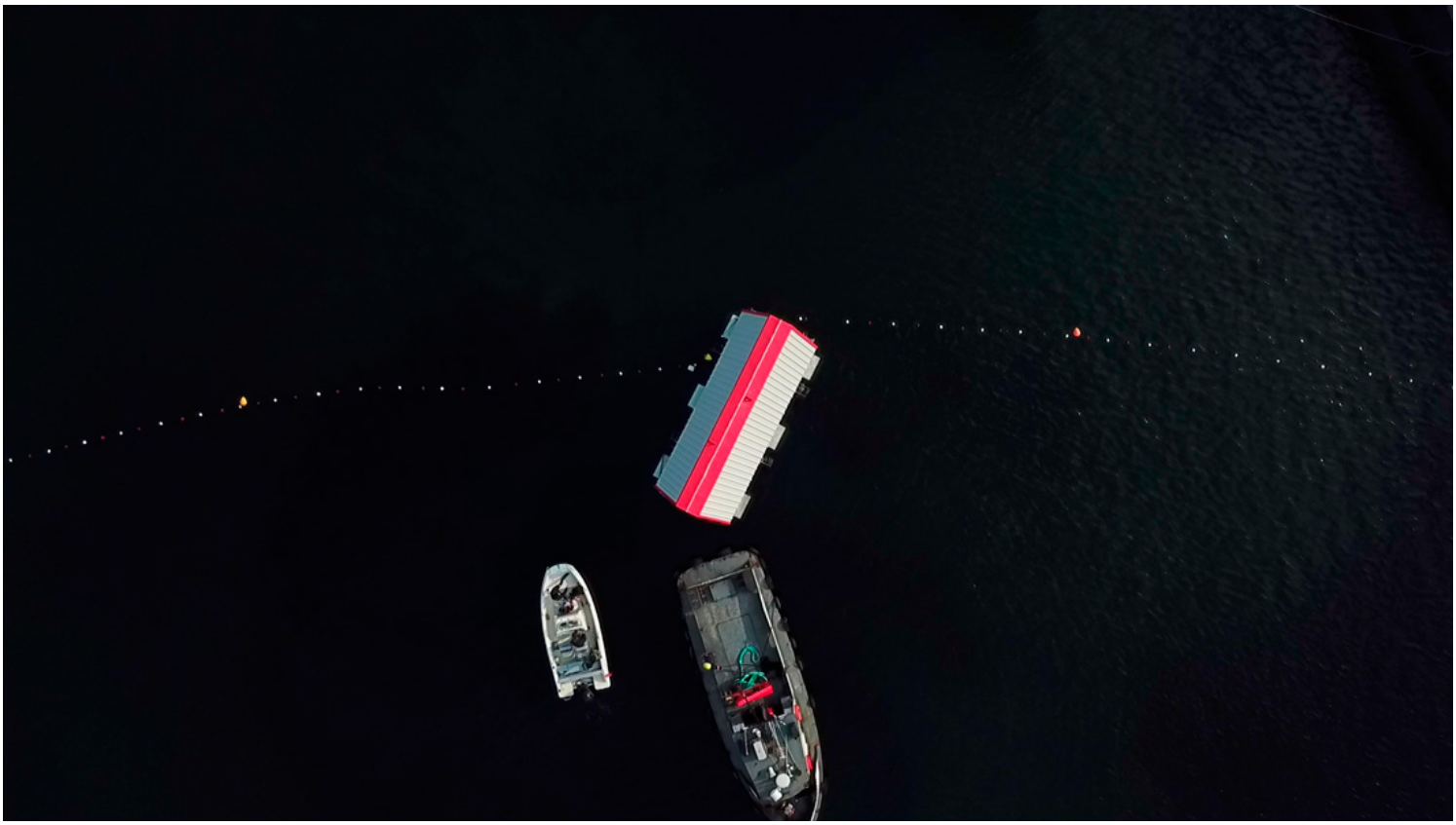
Posted on February 19, 2020 by martabuges

Categories: expanding design practices, No Density, Politics and economics, Project, SO?, Territory and mobility

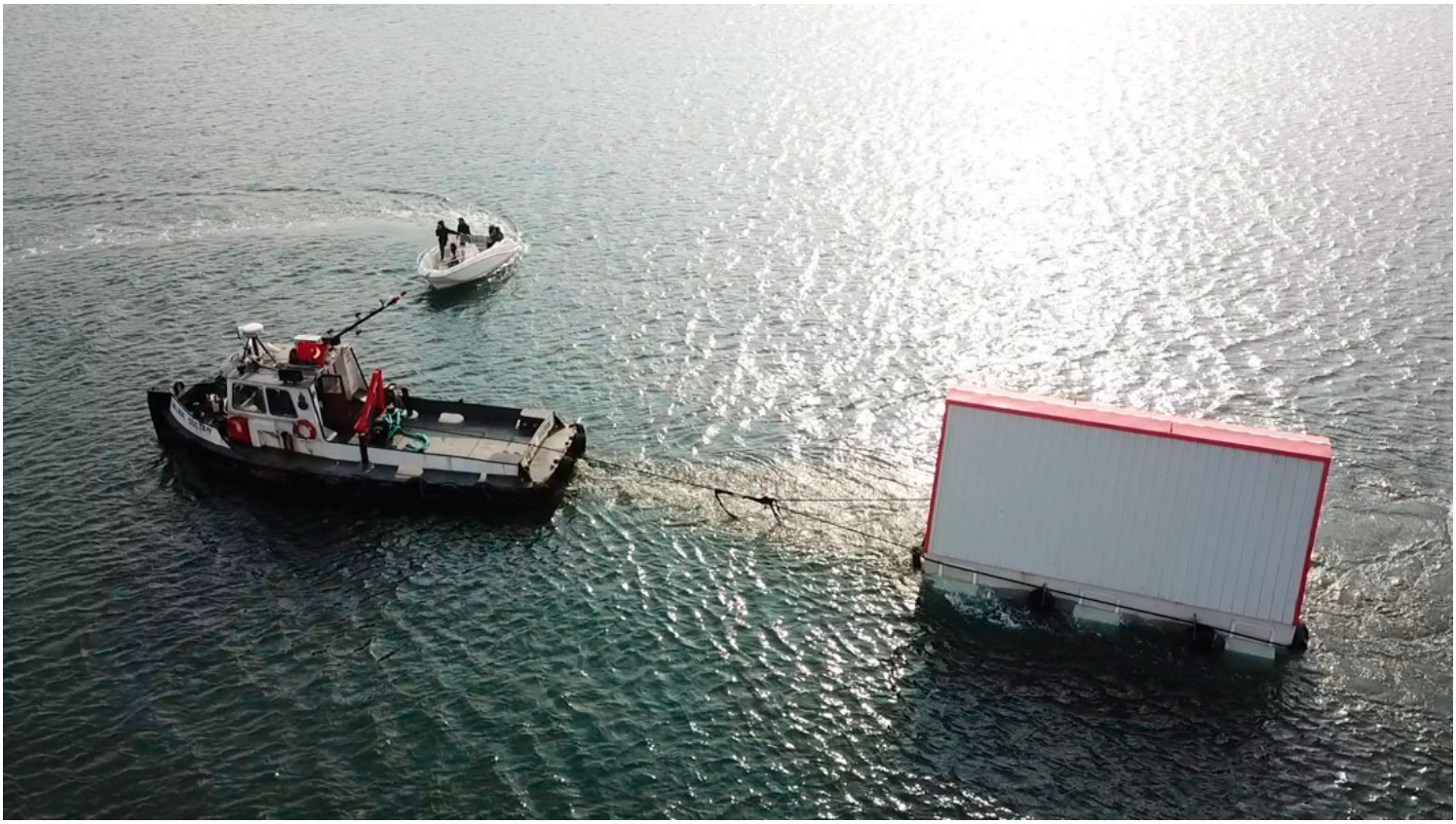
Tags: Design strategies, Earthquake, Emergency architecture, Emergency Housing, Ephemeral, Functional unit, Installation, Istanbul, Project, Prototype, Structure, Temporary housing, Turkey, Watery Territory

ISSN : 2575-5374

Designated emergency assembly points in the case of an earthquake in Istanbul were announced in 2001. Since then, most of these public spaces have been built up, which raises the question of where everyone will be housed in the case of an emergency.

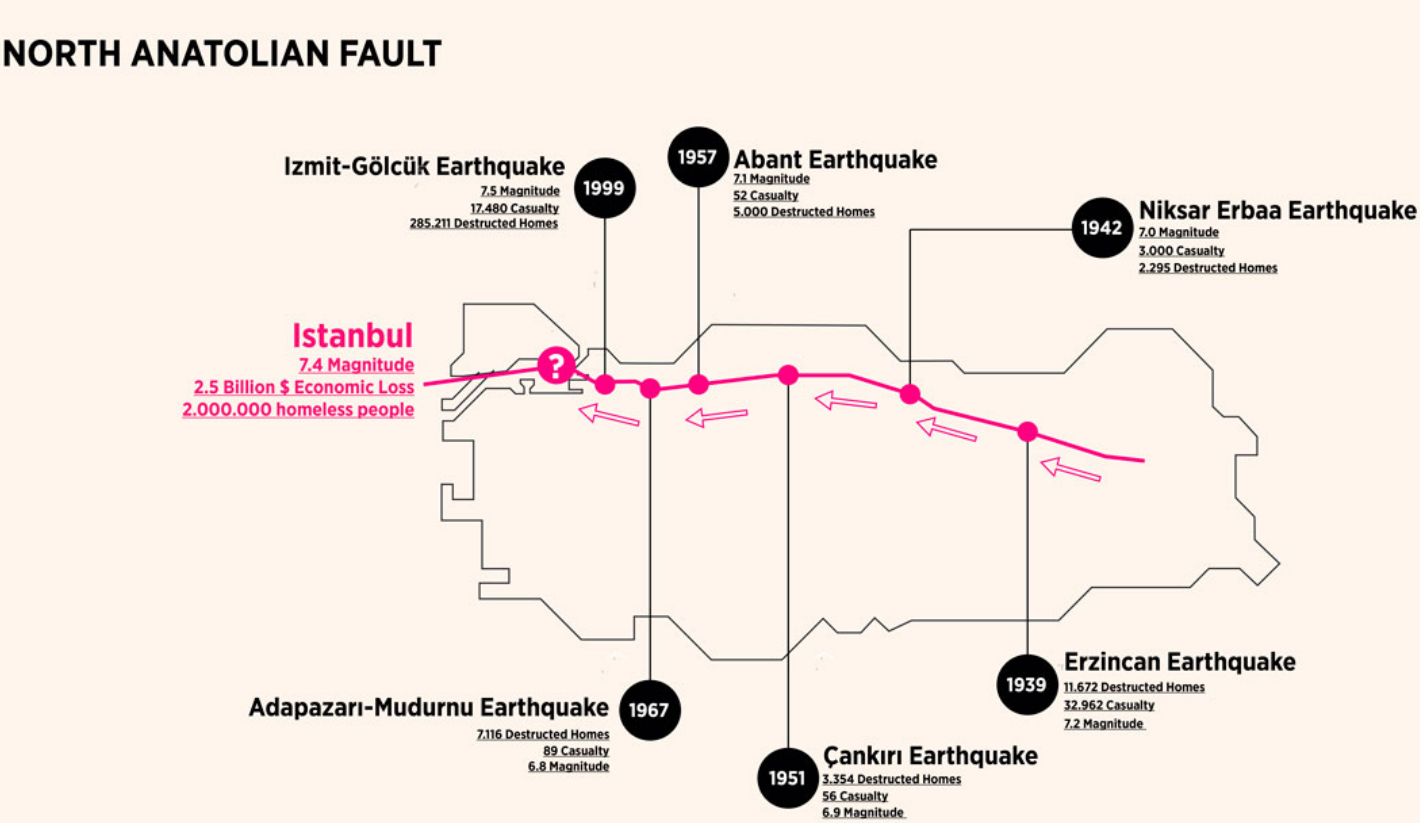


ISSN : 2575-5374

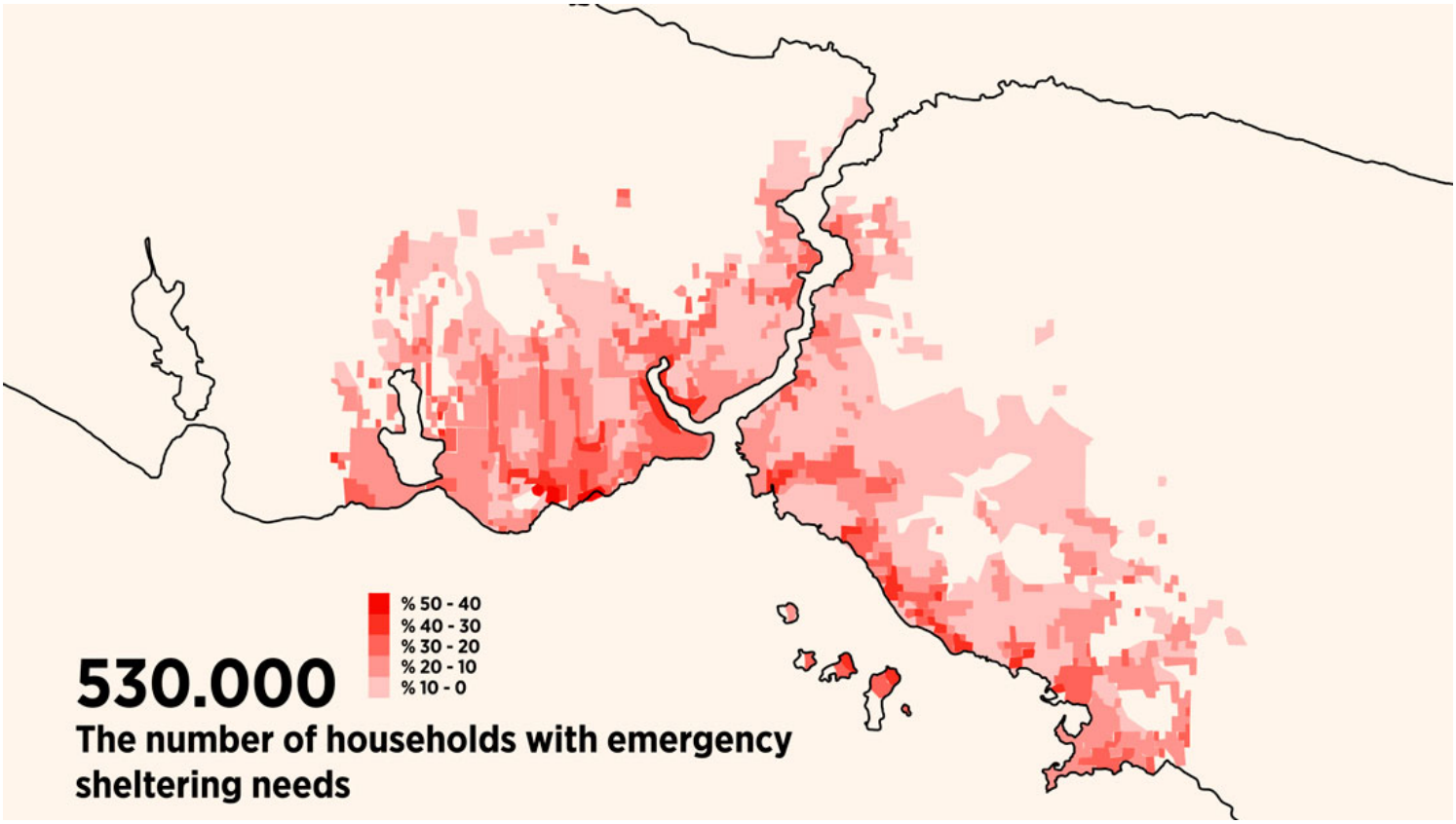


The idea of designing a speculative prototype for a floating emergency house came out of this fact: what if the response is not about stable land, but manageable water? Fold&Float is now floating on the Golden Horn, the area that will not be impacted by an earthquake's tsunami. The prototype can be seen floating at the Earth School satellite at Rahmi M. Koç Museum.

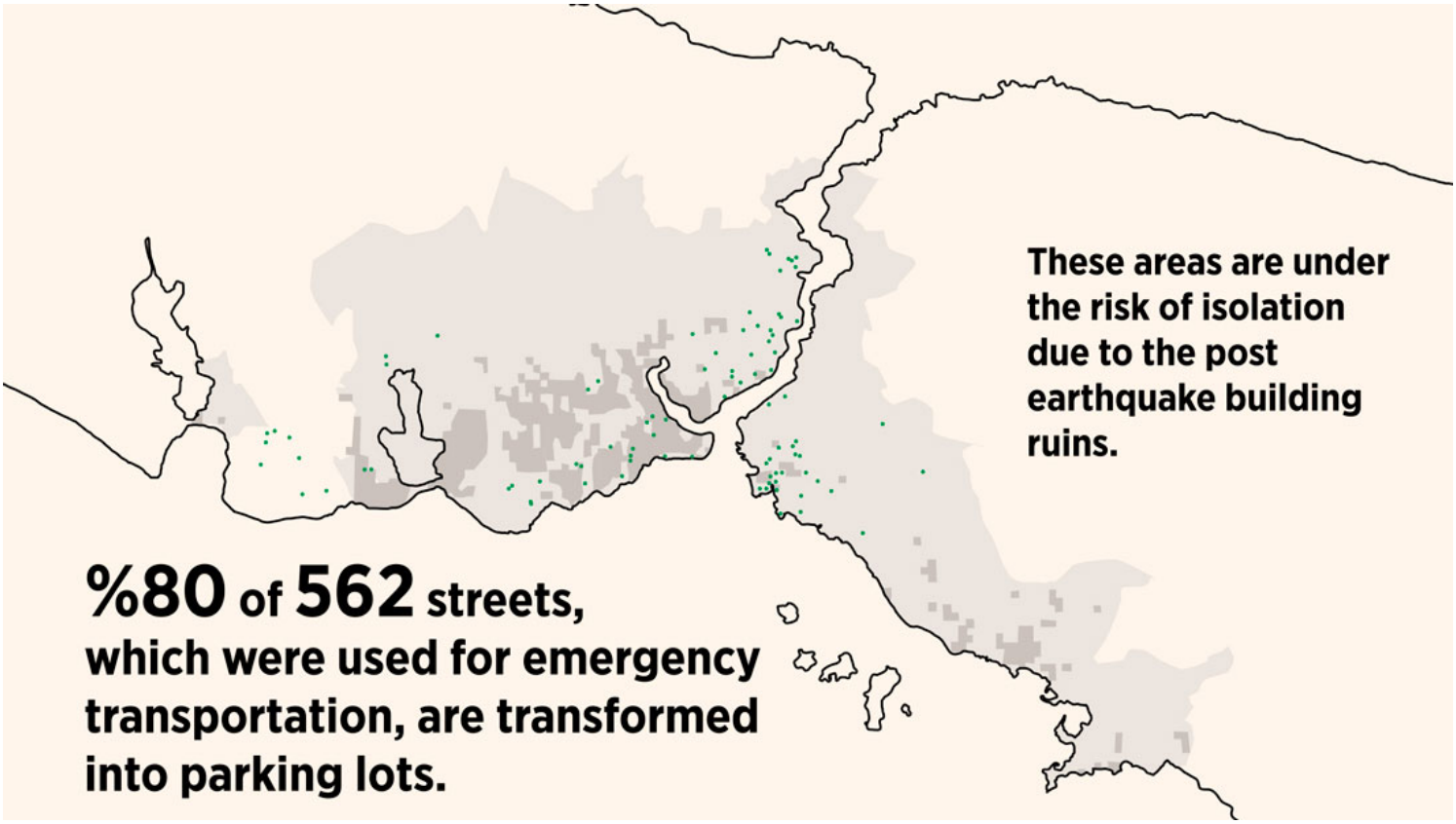
ISSN : 2575-5374



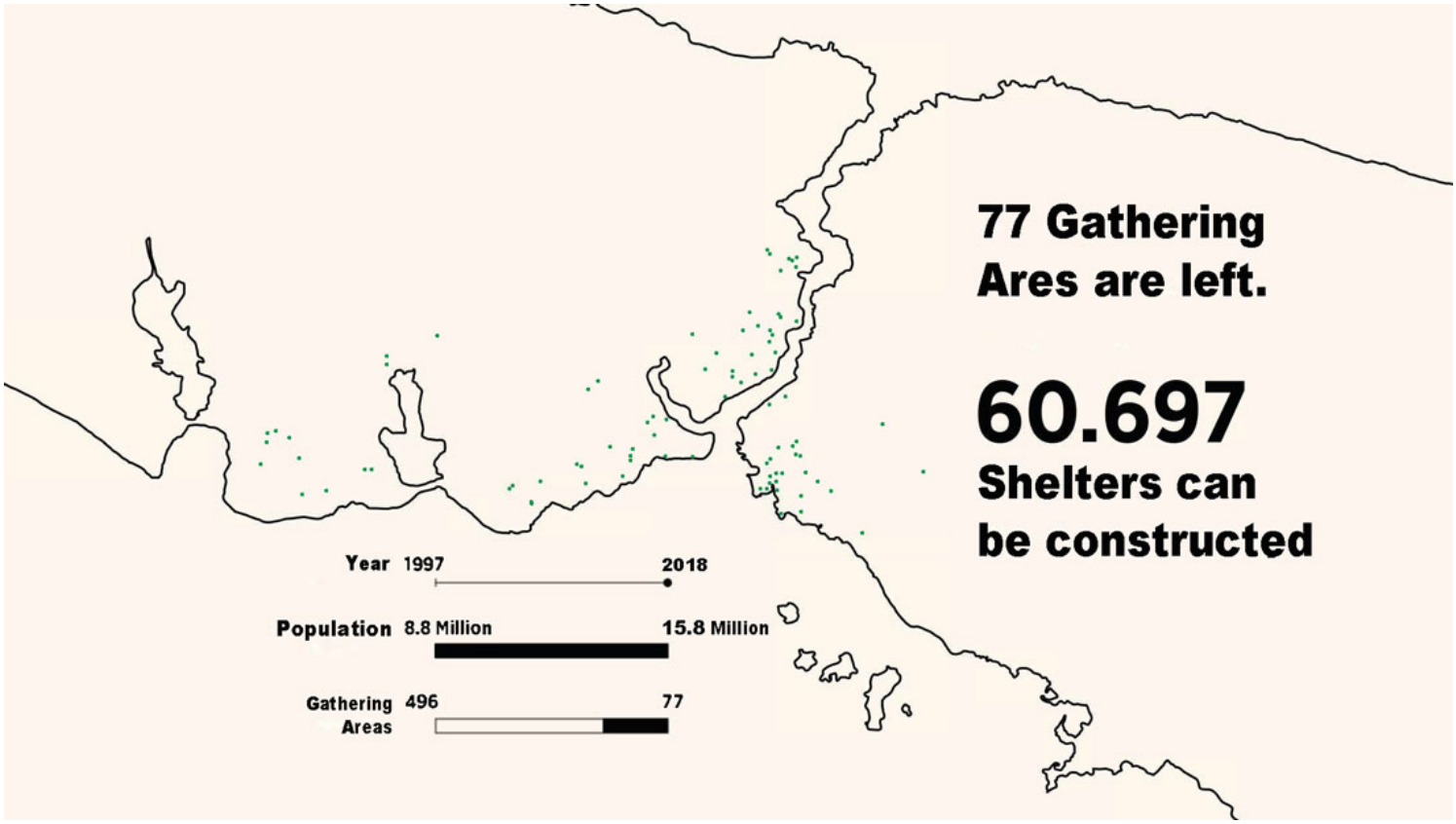
ISSN : 2575-5374



ISSN : 2575-5374



ISSN : 2575-5374



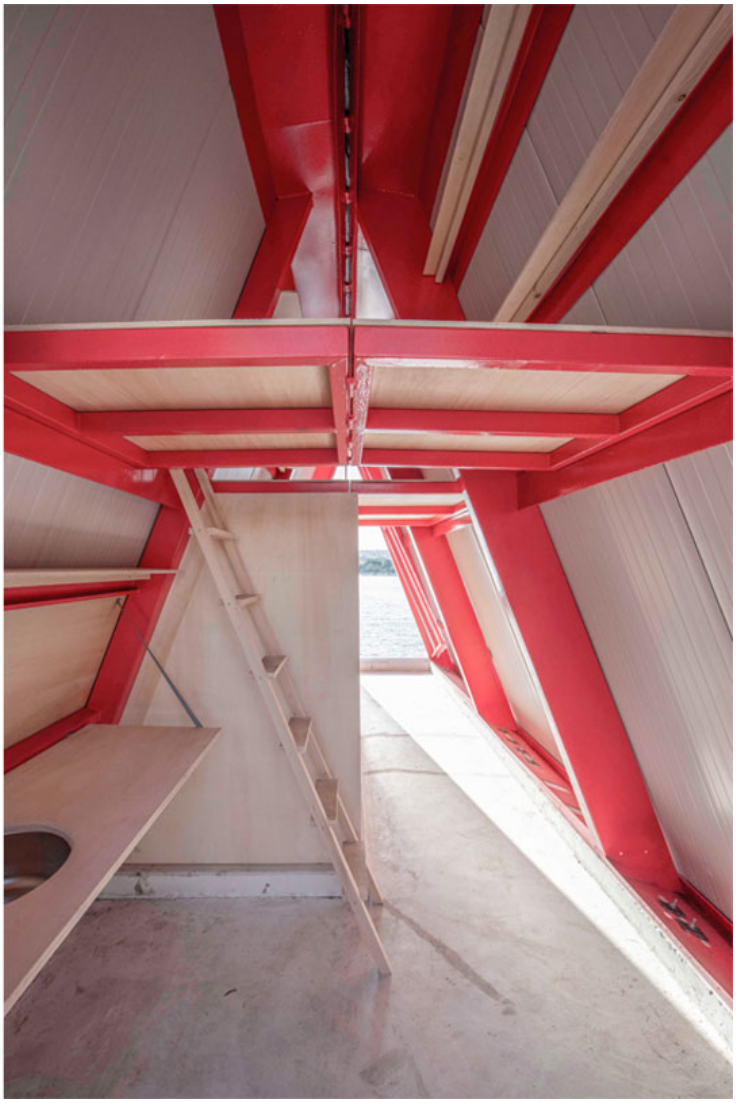
ISSN : 2575-5374

Fold&Float is a foldable structure made of light steel construction, specially developed for emergency situations. Its light and foldable structure provides rapid and easy installation in the case of an emergency.

ISSN : 2575-5374

ISSN : 2575-5374

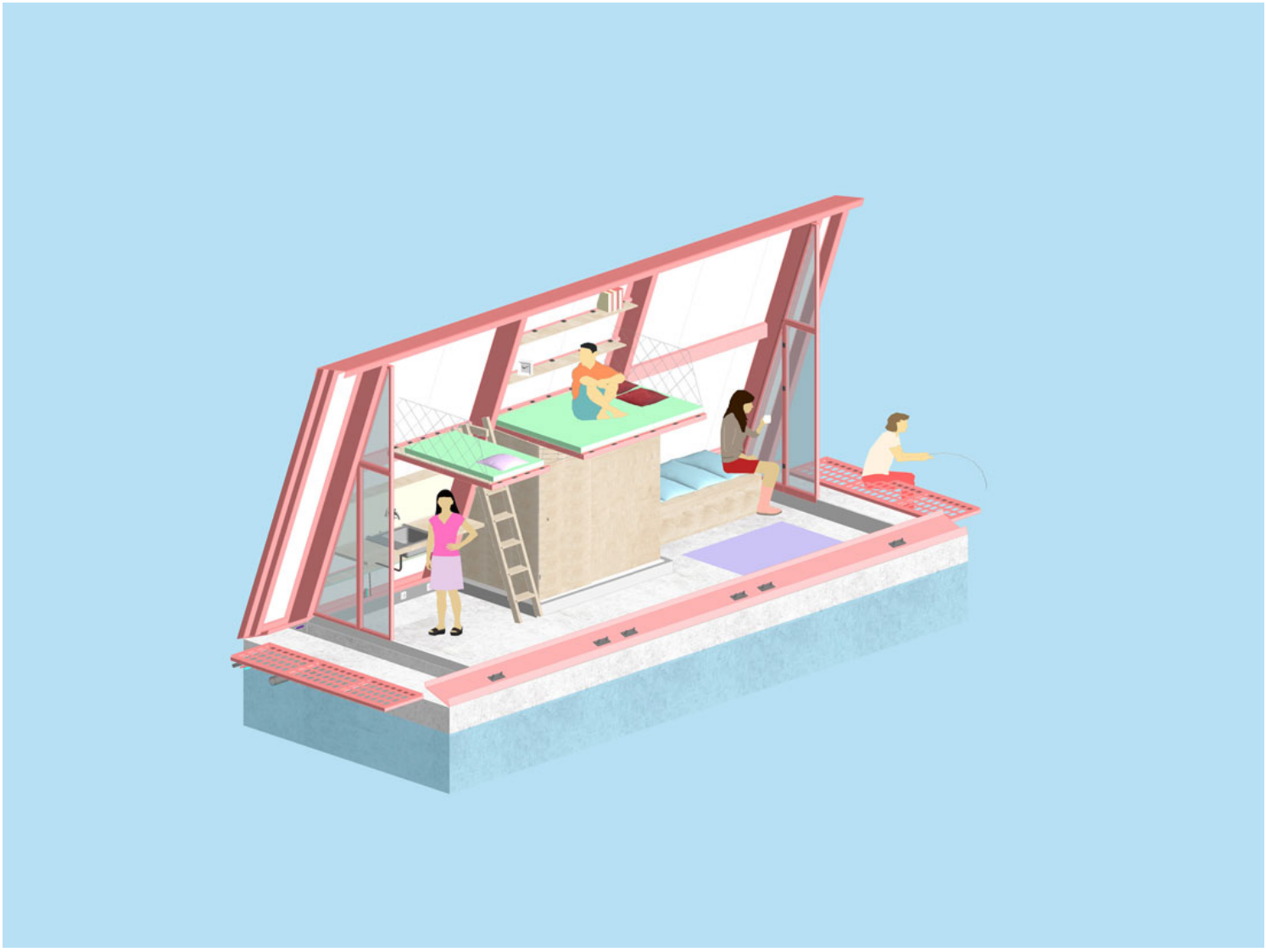
ISSN : 2575-5374



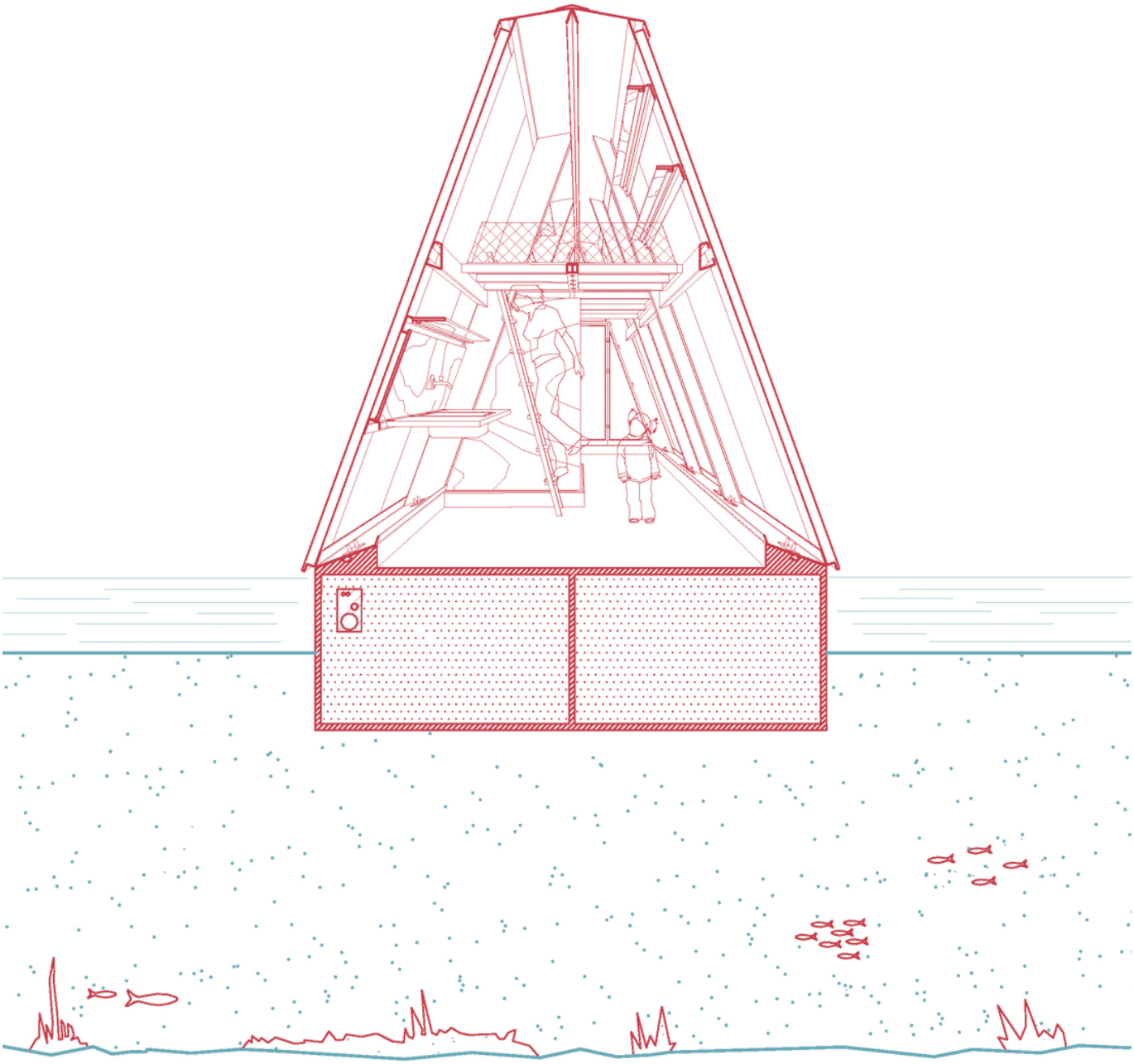
The unit is composed of two main parts: the upper structure that includes all the fixed furniture folded and implemented, and a floating pontoon made of concrete. The idea of a foldable unit which comes fully equipped is the result of research displaying that earthquake victims generally spend at least one year in temporary housing after the disaster.

ISSN : 2575-5374

ISSN : 2575-5374



ISSN : 2575-5374



ISSN : 2575-5374

ISSN : 2575-5374

ISSN : 2575-5374