

TRANSFORMABLE INSTANT
COMMUNITY SHELTER (TICS)

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In the last decade, the ramifications of climate change have already left a scar on some of the urban and rural regions around the world. Malaysia in 2014 was hit by an unprecedented wave of floods in the eastern states, with the worst devastation occurring in Terengganu and Kelantan. The ability to cope with disaster is compromised when it strikes the community unexpectedly. In such situation saving lives, health and safety of the community are of vital importance.

A study was conducted to explore the idea of having a transitional shelter for those who have to leave their usual abode for safety. Using the latest technology, Transformable Instant Community Shelter (TICS) is to be deployed within the shortest time while accommodating the physical and psychological needs of the

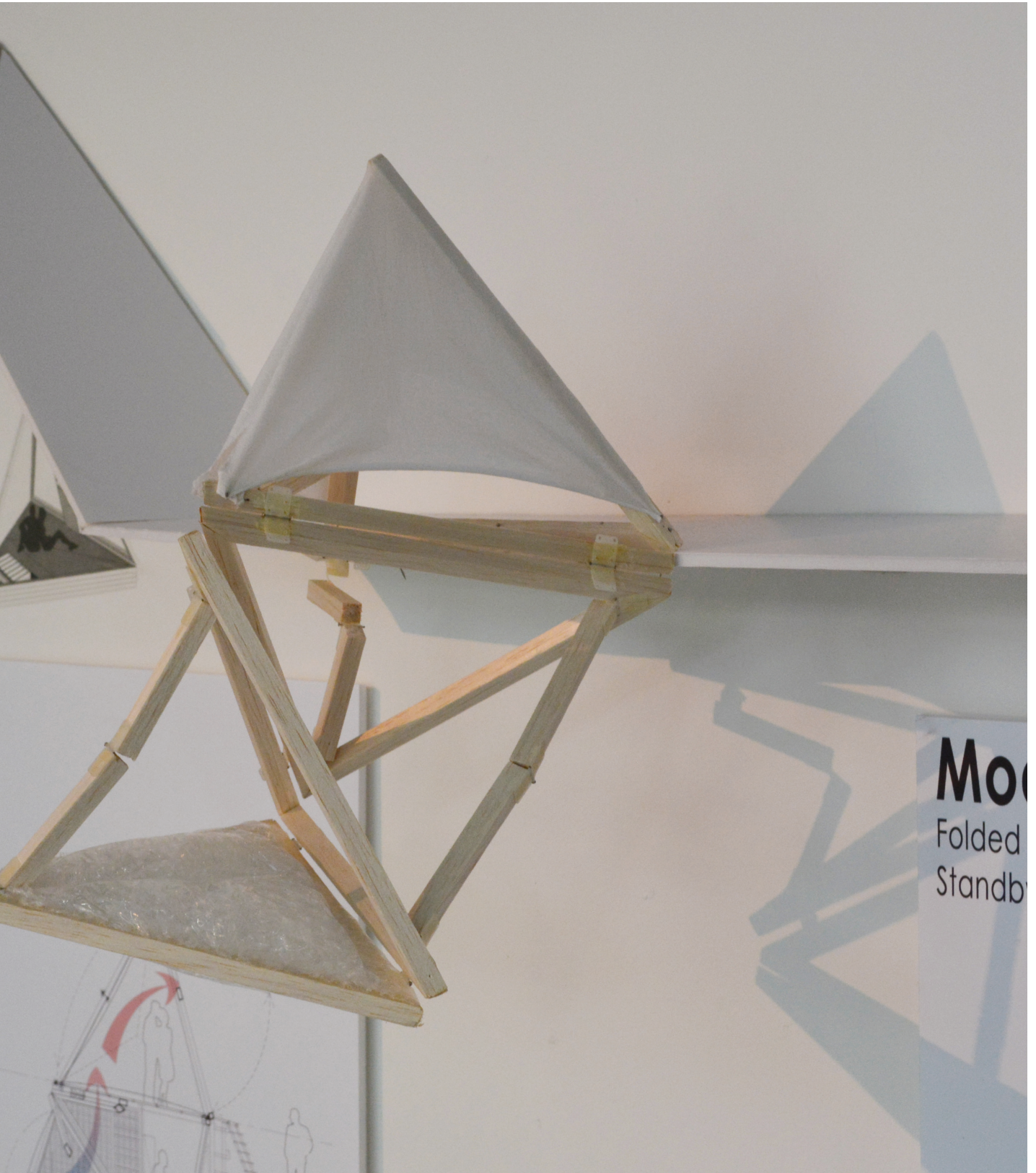
affected community. It has to be located in a relatively compact space. In addition, TICS is also self-sustaining with innate infrastructure such as communication, energy source, water supply and waste management. This is achieved by exploring the possibilities of recycling waste and harvesting other energy for immediate use. In between flood seasons, TICS are able to be transformed to fit other functions for the immediate community.

The artefacts are examples representing the possibilities of TICS gathered from ideas of young design based university students. The selected proposals validate the idea that TICS may be the much needed solution for flood prone areas to complement the task of the national rescue teams.

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