

MICEBS is a community based solution for Humanitarian Response and Transitional Housing

We worked with Australian Red Cross and the IFRC to develop MICEBS. Requirements included:

- Any component could be moved on a bicycle or a canoe.
- A high degree of flexibility and adaptability.
- Involving the local community in a complete transitional shelter solution.

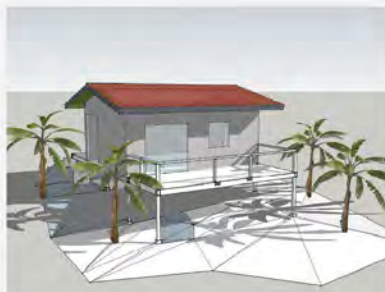
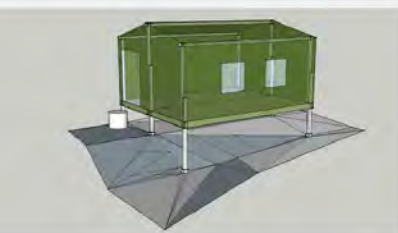
Existing Disaster Response solutions range from extremely short term, a plastic sheet which can be blown or washed away, to fully finished kit-homes which are expensive and hard to move.

MICEBS provides a range of flexible response options which can be tailored to the requirements of the user at the disaster site. From providing immediate disaster shelter, MICEBS can transition to permanent housing and sustainable communities without the need to rebuild or relocate. MICEBS communities can be designed, constructed and maintained by the inhabitants themselves providing culturally appropriate and affordable solutions. MICEBS units get survivors

from a disaster immediately off the ground and away from polluted ground waters and onto a clean, level and secure living space. MICEBS will reduce the risk of secondary disaster effects and supports the dignity of the human spirit.



Unique modular design, ease of assembly and flexibility of outcomes are key benefits



MICEBS is ideally and uniquely suited to both Disaster Preparedness and Disaster Response. A lean logistical system, units are simple and man-portable, no materials handling equipment is required for assembly and they can be erected on unprepared sloping ground (up to 1m cross-fall) by two people in two hours.

MICEBS can be stockpiled and assembled by trained teams or locals with minimal training. They are earthquake and cyclone (hurricane) resistant and have the ability to immediately provide disaster survivors and their responders with a level space above the ground, away from contaminated ground water, vermin and water-borne diseases.

Our range of kits can provide everything from a simple one-off unit to a complete operating medical or disaster response facility.



MICEBS Benefits

Unique Modular Design

Components can be sourced from multiple pre-positioned inventories.

Ease of Transportation

Up to 170m² of assembled structure can be shipped in a single 20' ISO shipping container. Componentry can be moved by bicycle or canoe if required.

Flexible Outcomes

Flexible sizing and ability to handle rough terrain handles any situation, from medical response, community housing, sanitation programs etc.

Ease of Assembly

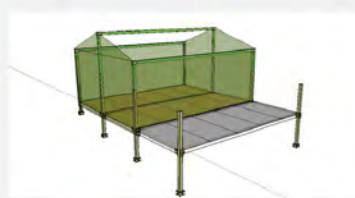
Can be assembled without MHE if required, simple tools for assembly.

Extremely Cost Effective

Provides a level platform, above the elements in most terrains at a fraction of the cost of alternative solutions.

Transitional Shelter

MICEBS provides an earthquake and hurricane resistant structural framework which can form the basis for a culturally appropriate rebuilding program, embedding resilience into the community.





MICEBS Pty. Limited

Southport Qld. 4215 Australia
admin@micebs.com
www.micebs.com

AUSTRALIAN LANDING PADS



Australian Government

