

## B.22 Peru - 2007 - Earthquake

### Case study: Prefabricated transitional shelters

See Shelter Projects 2008 for more

#### Project type:

Transitional shelter construction  
Shelter components prefabricated by contractors  
Shelters assembled by homeowners.

#### Disaster:

Earthquake.  
August 15th 2007

#### Number of houses damaged:

Over 48,000 houses destroyed. 45,000 made uninhabitable.

#### Project target population:

1,900 families in five selected communities.  
An additional 120 shelters were requested by the government to help house those left landless by the earthquake.

#### Occupancy rate on handover:

Very high

#### Shelter size

Materials distributed to create 18m<sup>2</sup> covered space per family.

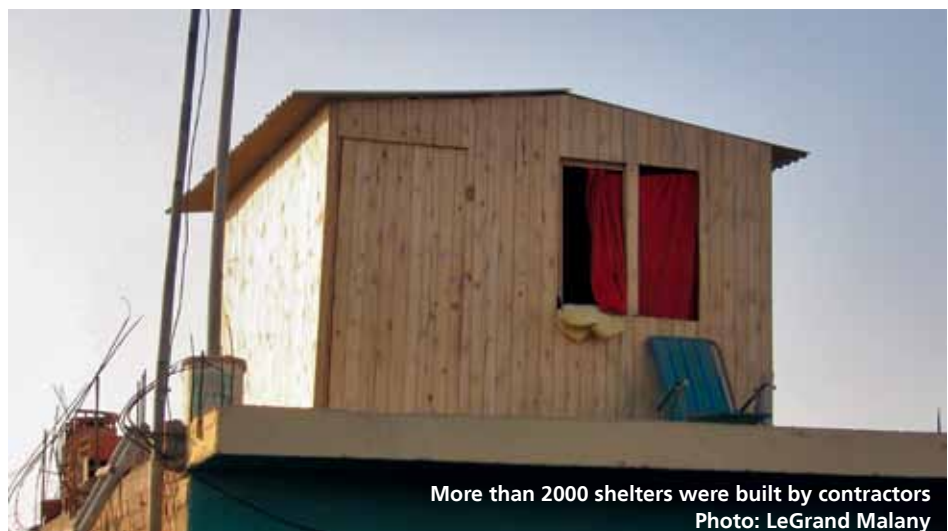


#### Project timeline



#### Summary

As part of a larger post-earthquake programme, an international organisation hired a contractor to provide materials, equipment, tools, and skilled tradesmen for the prefabrication of 1900 shelters. The contractor was also responsible for training all volunteer labour as needed, but was not responsible for providing land. By prefabricating wall panels and window frames, and by cutting timber on site, the supplier was able to cut costs. Homeowners themselves assembled the shelters.



More than 2000 shelters were built by contractors  
Photo: LeGrand Malany