Long Term Recovery from Disasters
UN-Habitat’s experience in Asia Pacific

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Outline of the Presentation

• The People’s Process
• Experience from Myanmar
• What does this mean for resilience?
The People’s Process

Confidence

Technical Advice

Build back better. Cross the psychological threshold. For empowerment.

To get started.

A place to live.

Security

Financial Assistance

Mobilization

UN-Habitat

For a better urban future
The People’s Process

- Respect
- Recognise
- Ensure
- Responsibility
- Cultivate
- Devolve
- Support
- Generate
- Design
The People’s Process

- Formation of Primary Groups and a Community Development Council
- Beneficiary Identification
- Primary Issue identification
## The People’s Process

<table>
<thead>
<tr>
<th>Process</th>
<th>Conventional Contract</th>
<th>Community Contract</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning</td>
<td>Outside professionals</td>
<td>Community</td>
</tr>
<tr>
<td>Design</td>
<td>Outside professionals</td>
<td>Community assisted by professionals</td>
</tr>
<tr>
<td>Physical works</td>
<td>Outside contractor</td>
<td>Community</td>
</tr>
<tr>
<td>Labour</td>
<td>Machine intensive</td>
<td>Labour intensive</td>
</tr>
<tr>
<td>Experience</td>
<td>Goes out of community</td>
<td>Stays with community</td>
</tr>
<tr>
<td>Quality of work</td>
<td>Chances of being inferior</td>
<td>Good, it is their own</td>
</tr>
<tr>
<td>Profit margin</td>
<td>High</td>
<td>Low</td>
</tr>
<tr>
<td>Feeling of ownership</td>
<td>None</td>
<td>Very high</td>
</tr>
</tbody>
</table>
Background In Myanmar

- 140,000 killed or missing
- 2.4 million people affected
- 37 Townships affected
Some data, post Nargis

- **It’s affordability - compared to your last residence.**
- **How well it meets the needs of your family - compared to your last residence.**
- **It’s construction quality - compared to your last residence.**
- **It’s aesthetic quality - compared to your last residence.**
- Short face of the house to windward direction: 40%
- Provide bracings: 38%
- Posts firmly anchored to the ground: 83%
- Rafters, purlins, the beams and post plates have to be securely fixed to posts: 50%
- Roof cover firmly fixed to rafter and purlin: 53%
- Roof projection not more than 18° from all sides: 73%
- Roof pitch - minimum 30 degrees: 50%
The finishes

The structural condition - that is the foundation, floors, walls or roof

The plumbing system.

The electrical system.
Towards Resilience

• The min cost of a post-disaster shelter is $650
• However, there is a need to recognise that shelter construction should be a source of livelihood promotion
• 62% still living in shelters that are not disaster resilient – retro-fitting is needed
• Resource centres for developing local capacity are needed
• Legal frameworks can support building back resilient
UN-Habitat response to disasters in Asia-Pacific using the People’s Process (2002-2013)

Indian Ocean Tsunami
- Indonesia
  - Housing 12,500
- Maldives
  - Housing 5,300
- Sri Lanka
  - Housing 30,000
  - Infrastructure, market, community centers (250,000 communities)

Pakistan Earthquake
- Housing 850,000

Myanmar
- Housing 22,000
- Water (550,000 communities)

Nepal Koshi Flood
- Housing & infrastructure (2500 communities)

Samoa Cyclone
- Shelter Cluster Support

Post Conflict Projects
- Afghanistan
  - Housing 25,000
  - Community Infrastructure (2.6 mil)
- Iraq
  - Housing 4,000
  - Schools 200
  - Universities 30
  - Infrastructure (in 6 cities)
- Sri Lanka
  - Housing 12,000
  - Community Infrastructure