



NRS International

Ensuring Shelter Assistance and Post Disaster Settlement Planning

*Private sector as a key actor
in humanitarian response*

Martina Aureli

Business Development and Sales Manager,
Asia & Oceania



- Video will play



- Family of 5 people
- 23m²: 16m² main floor area plus 3.5 m² vestibule
- 55 kg approx.
- Minimum 1 year lifespan



UNHCR
The UN Refugee Agency



Fast shelter construction from locally available materials

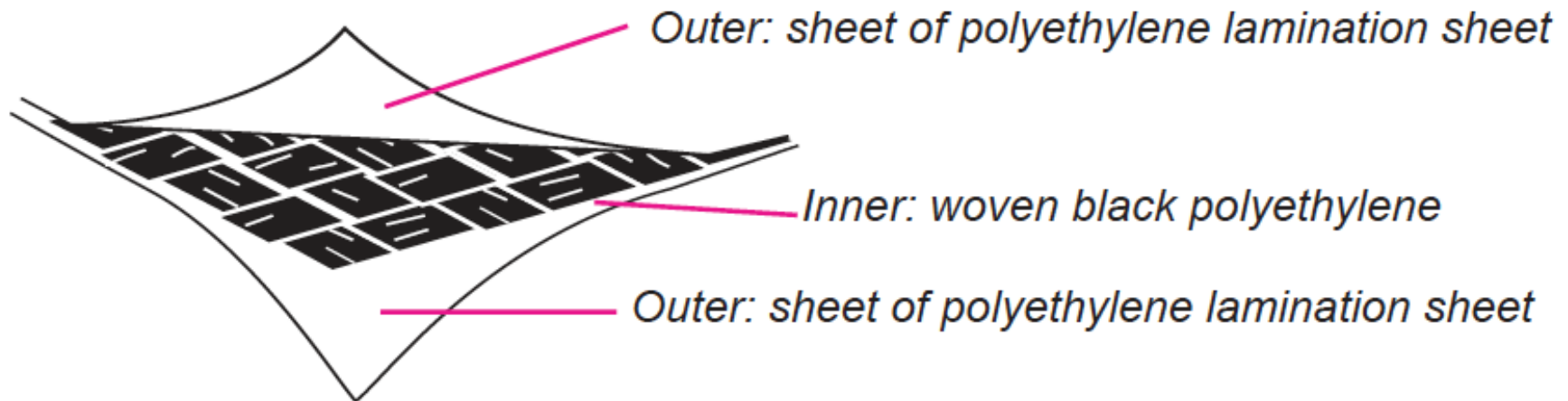
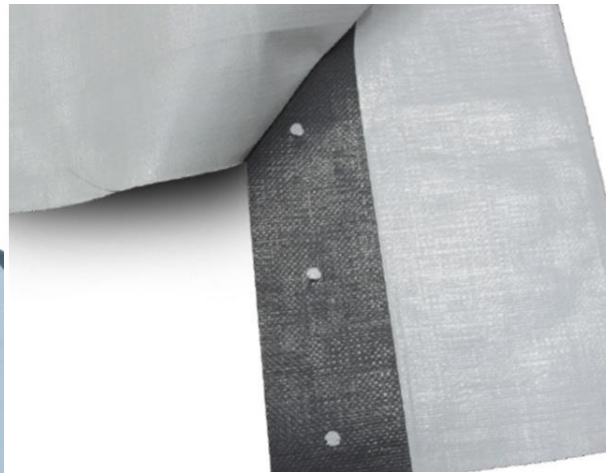




Approved Standard Tarpaulin



Approved Standard Tarpaulin





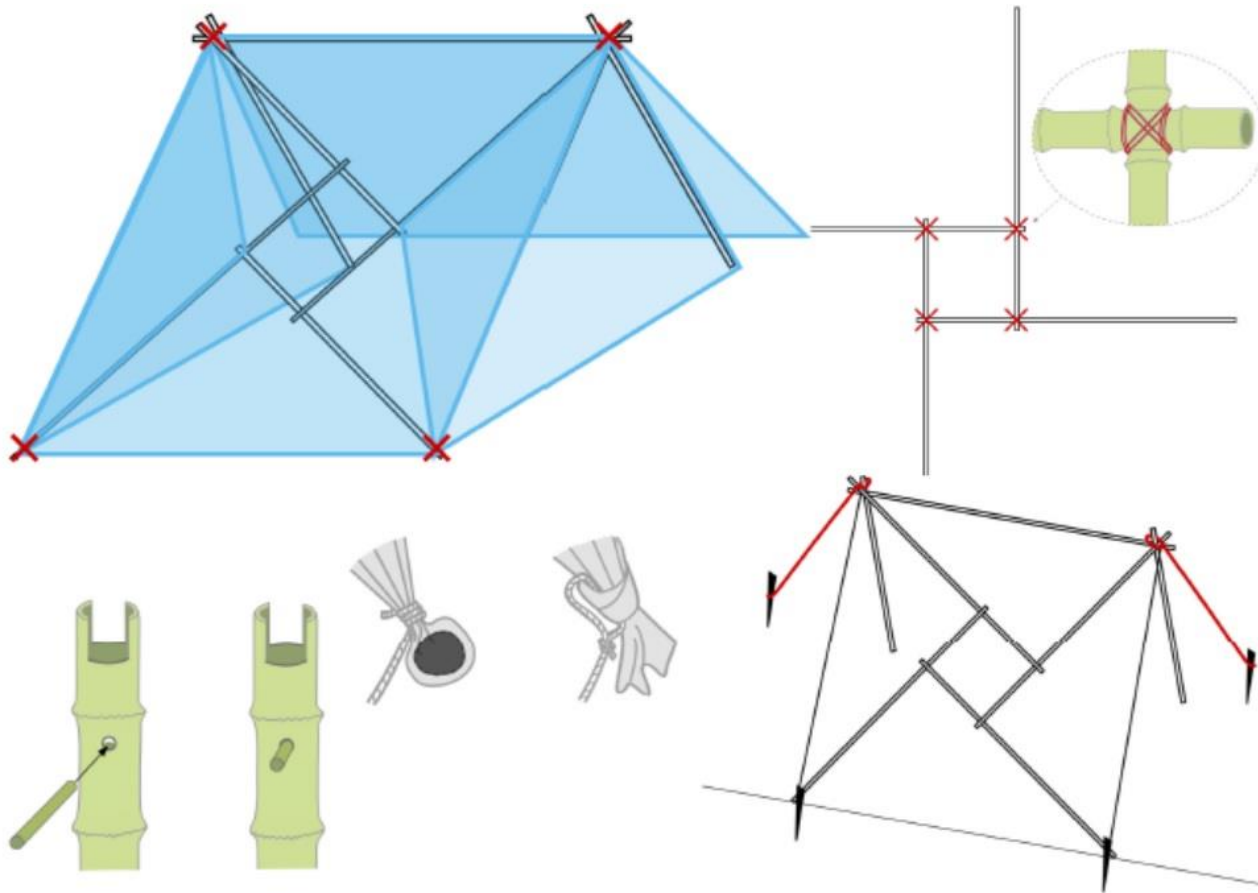
Innovation in action:

**Bamboo tarp shelter kit for
emergency shelters and
emergency roofs**

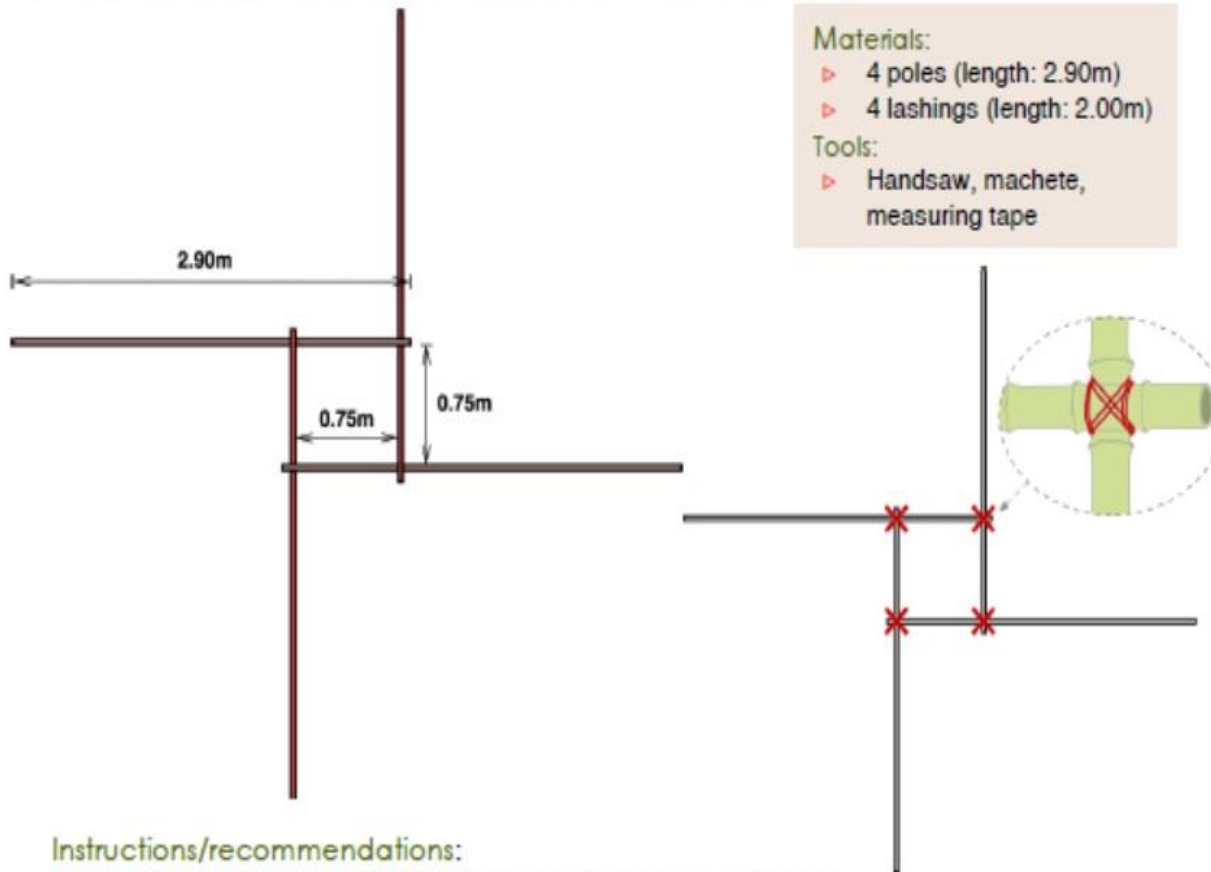
Simple yet effective shelter can
be quickly constructed:

- At very low cost
- Adaptable to any terrain or emergency situation
- Easily built with minimal training





Step 1: assembling the bamboo poles to create the roof frame



Instructions/recommendations:

- ▶ Overlap the four 2.90m bamboo poles in turn to make a roof frame with a central square of 0.75 x 0.75m
- ▶ The central square measures approximately 0.80m on centre
- ▶ Cross lash the poles together
- ▶ Pole overlap is approximately 50mm

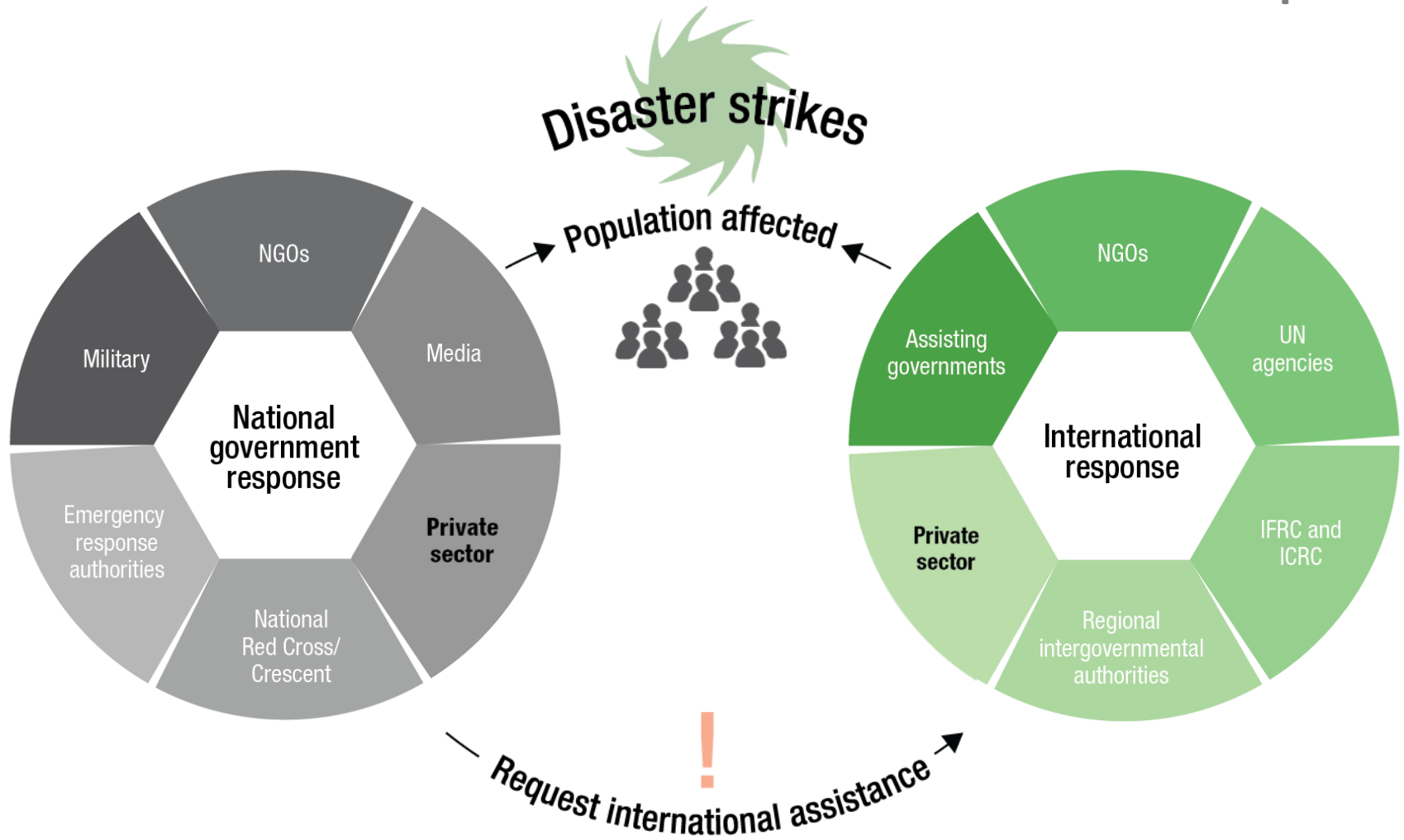
RECIPROCAL FRAME:

Structure made up of mutually supporting poles placed in a closed circuit. 4 poles are overlapped to create a self-supporting reciprocal frame roof.

As each pole support the next in a reciprocal manner no internal support structure is required

- Economic efficiency
- Strength and security
- Health benefits
- Rapid assembly using rapid skills
- Dignified shelters

Private sector: Domestic and international response



Dubai
Headquarters

Pakistan
Manufacturing
Warehouses

Local strategic partners





Thank you