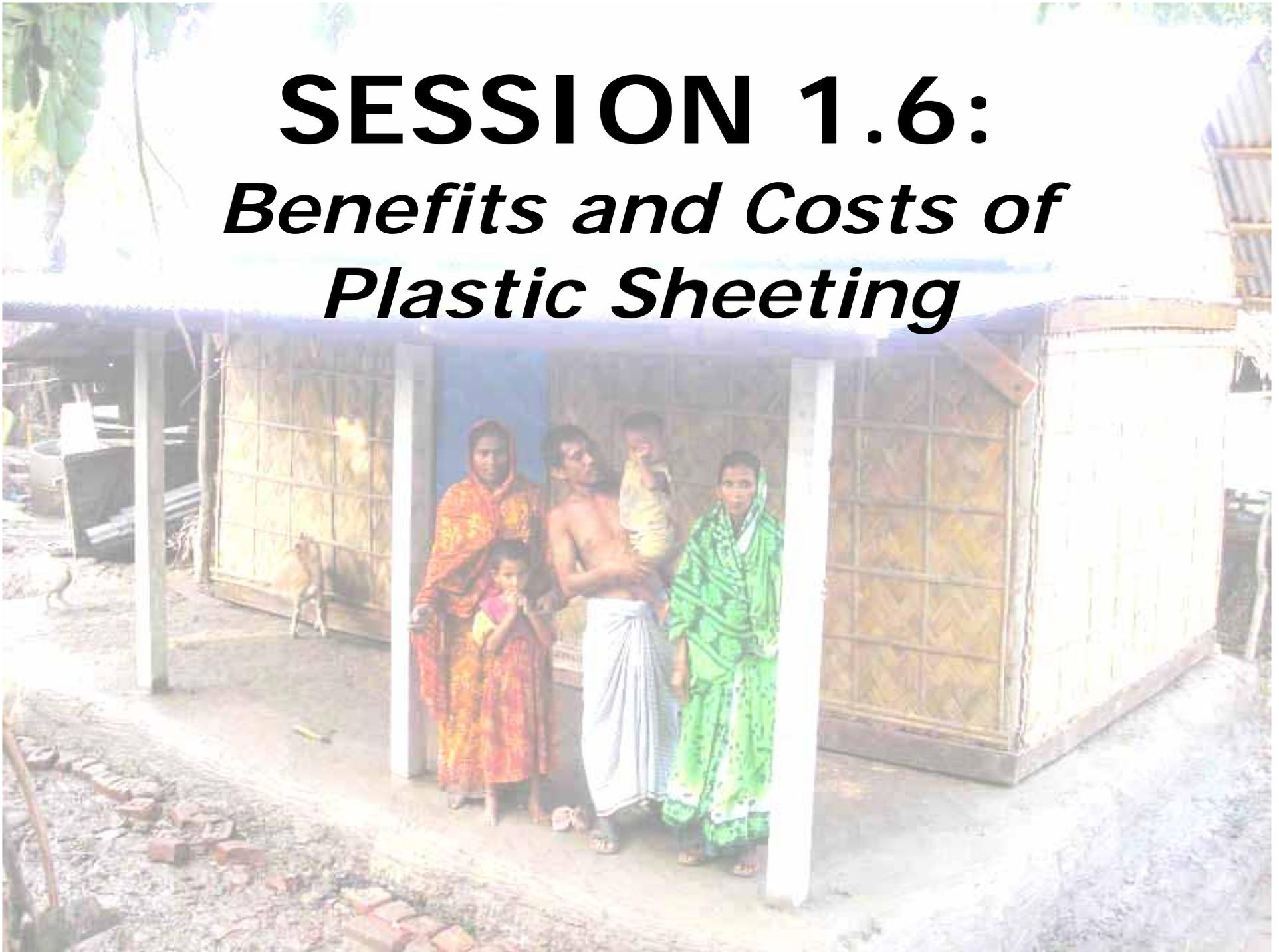


SESSION 1.6:

Benefits and Costs of Plastic Sheeting



Some Upsides of Plastic

FLEXIBLE: Can be used in a variety of ways (e.g., roofs, walls, floors, doors, group facilities, etc.)

DURABLE: Continuous use for up to two years, in most conditions

COST-EFFECTIVE: When used judiciously, less than \$30-40/HH

USER-FRIENDLY: Well-received in most locations; does not require special skills to use.

Some Downsides of Plastic

FRAMING: By itself, not very useful

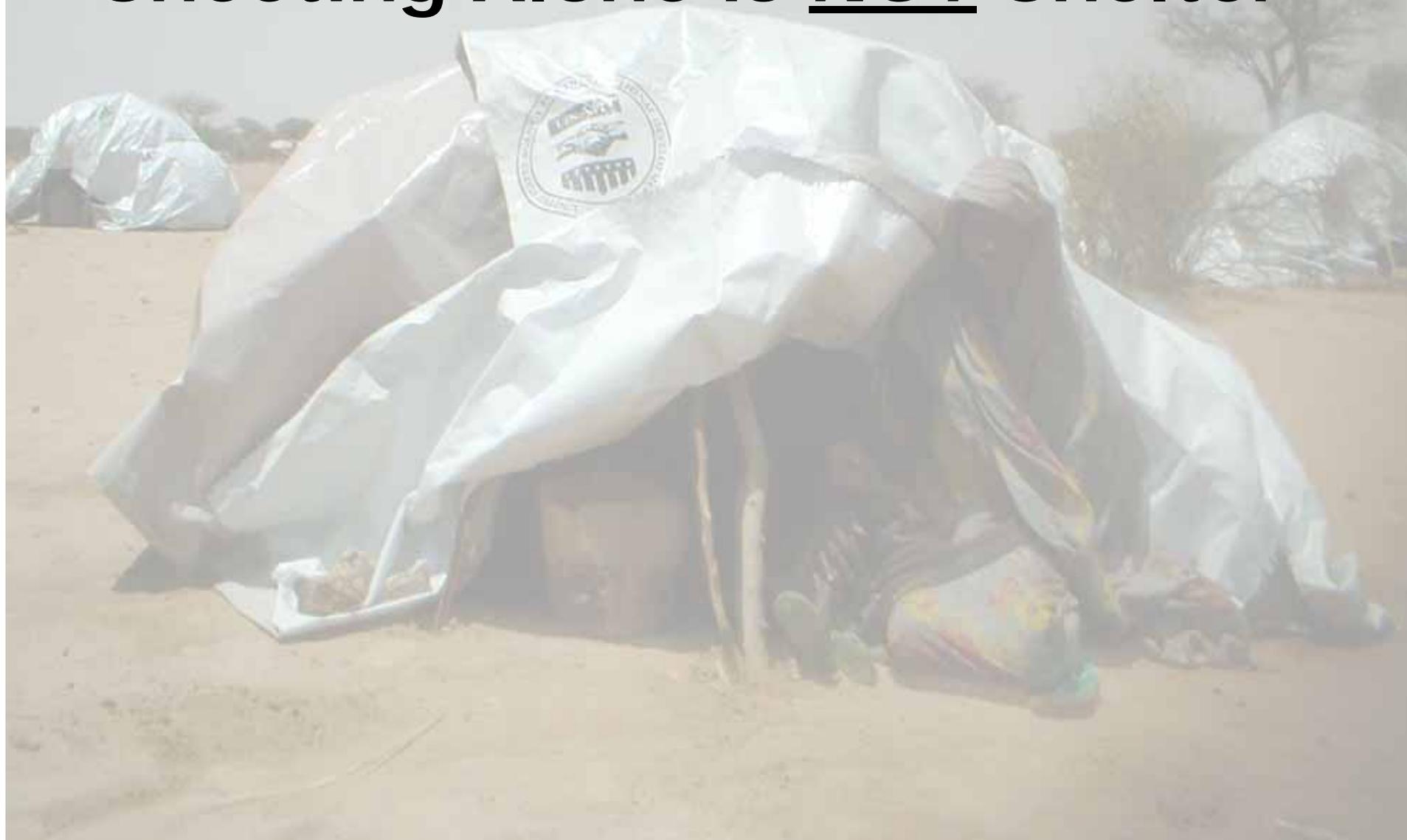
DURABLE: Once provided, no further need of assistance??

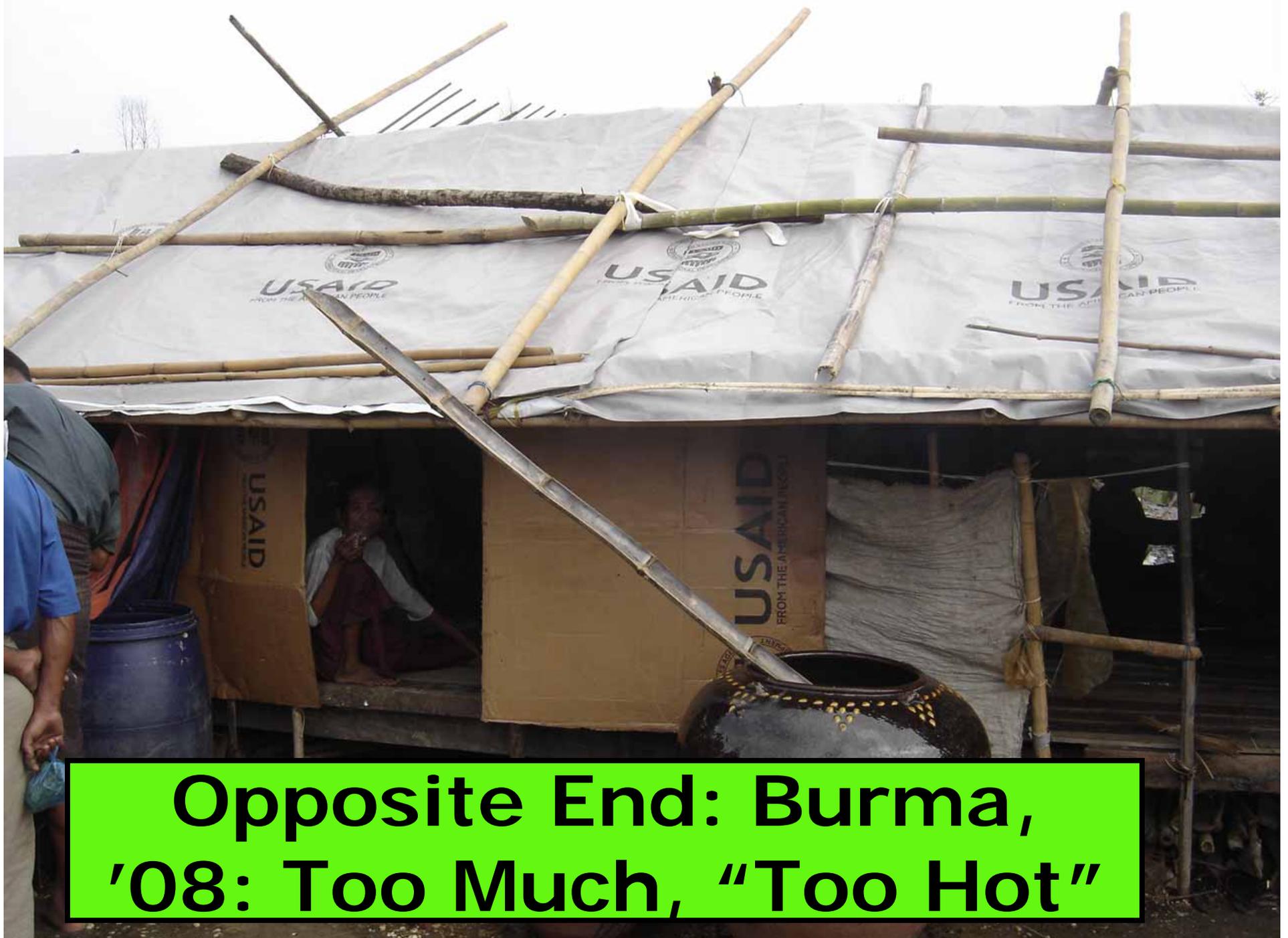
FREE GOOD: Viewed by many IPs and others as cost-free, thus no incentive to use efficiently

NOT USER-FRIENDLY: Poor insulator; lets heat and cold in. Performs poorly in cold weather

METRIC: Only OFDA Sheeting is non-metric; difficult for logistics/handling/use in metric world. (But we're changing!)

Again,
Sheeting Alone is NOT Shelter

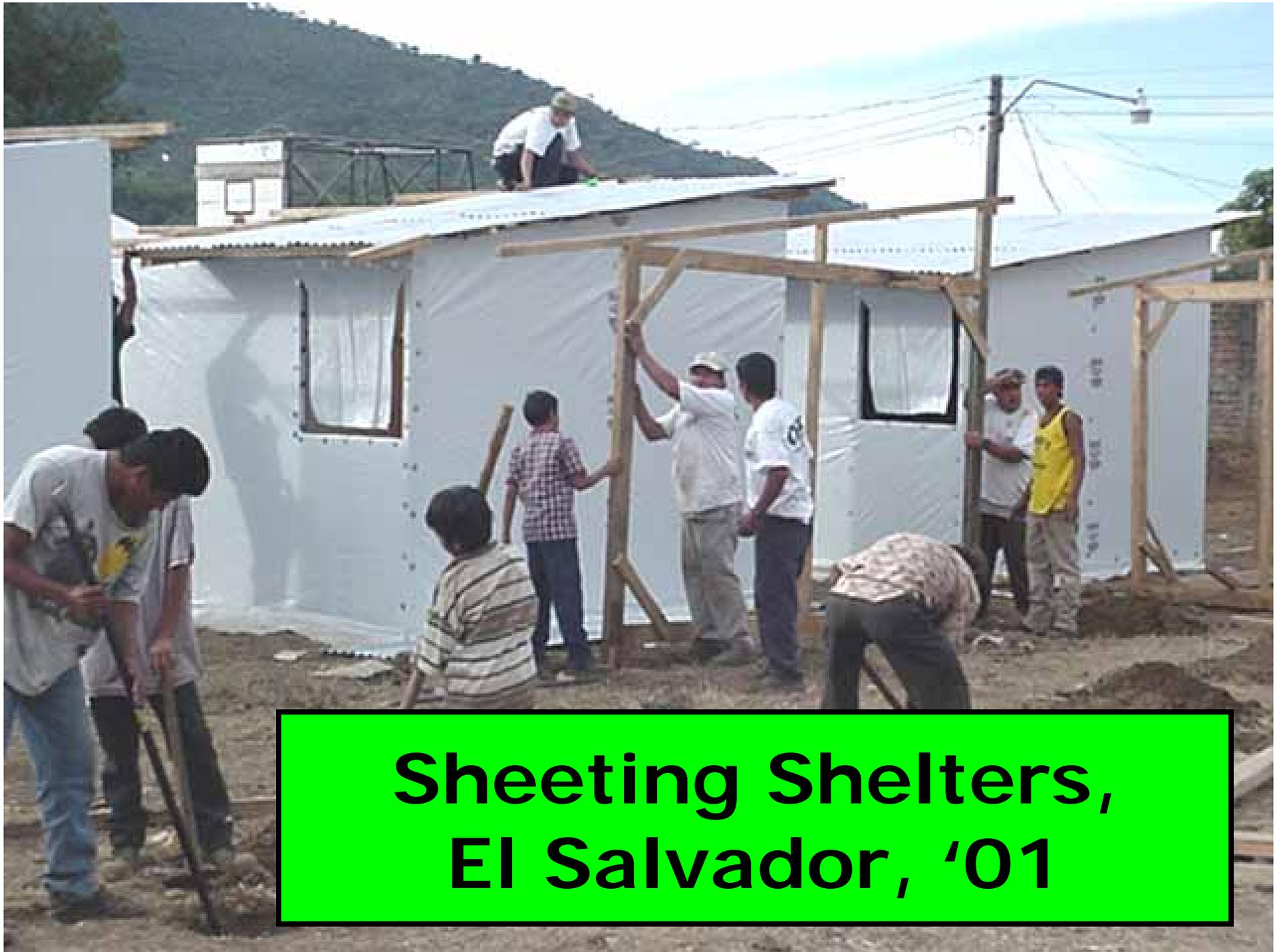




**Opposite End: Burma,
'08: Too Much, "Too Hot"**



**Sheeting Shelters:
Typically Inappropriate**



**Sheeting Shelters,
El Salvador, '01**

Sheeting Shelter Considerations

Sheeting shelters are typically quite small. One model was approx. 92 sq. ft. (8.6 sq. m.), good for 2.5 persons, based on SPHERE PROJECT guidelines. We guarantee overcrowding, lack of privacy, with these types of interventions

Providing SPHERE-compliant sheeting shelters with living area for 5-6 persons all but guarantees \$100-\$150 sheeting cost per shelter, *before any other cost is included*

All-plastic shelters perform very poorly in warm weather; hard to insulate in cold weather

OPTIONS?



**Sheeting as *Supplement* in
Transitional Shelter, Java**



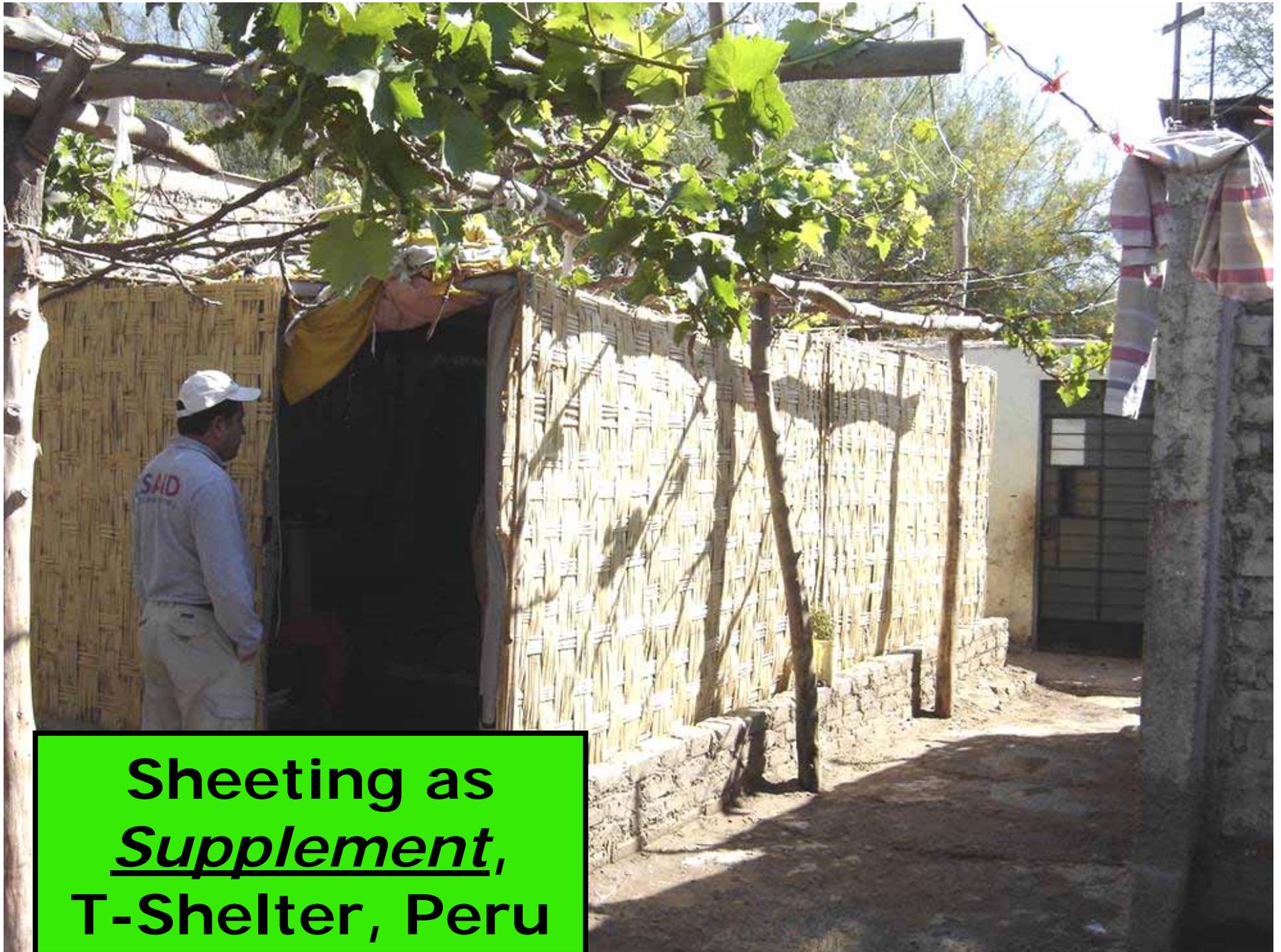
**Sheeting as Supplement,
Pre-Tile, T-Shelter, Java**

Sheeting as Supplement, T- Shelter, Sri Lanka



Sheeting as Supplement, T- Shelter, Peru





**Sheeting as
Supplement,
T-Shelter, Peru**

Shelter is Not Spelled

**P-L-A-S-T-I-C
S-H-E-E-T-I-N-G**