

“Build Back Better Bohol”



Shelter Cluster Philippines
ShelterCluster.org
Coordinating Humanitarian Shelter

TIPS ON HOW TO MANAGE DEBRIS SAFELY

1. Has the shelter been assessed by the relevant engineers at municipal level? Municipality engineers will come and check your house!



2. Look out for high risk building elements: Awareness of collapsing parts of the house (e.g. columns, beams, roof, walls, windows)

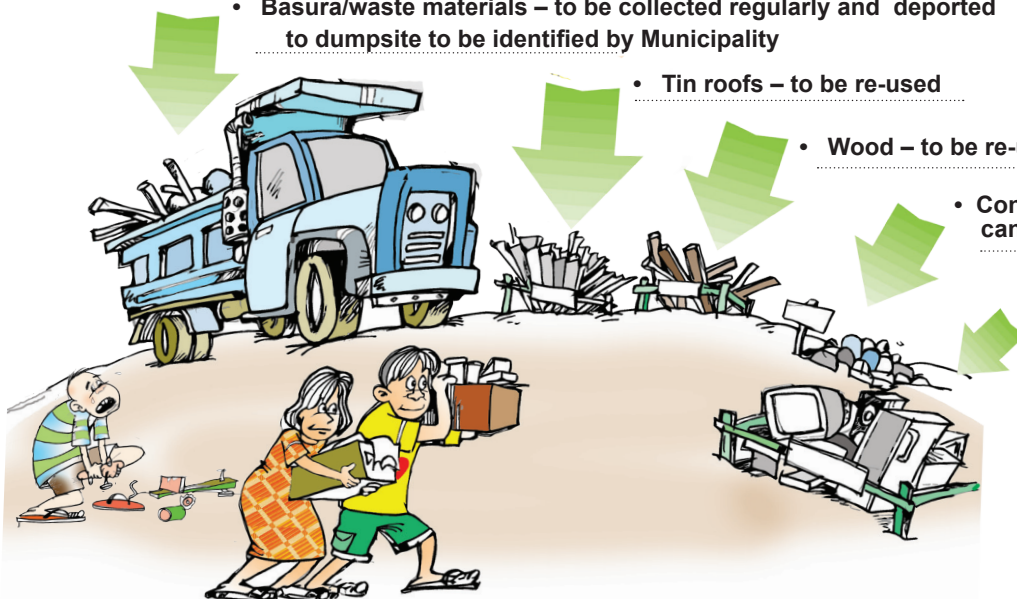


3. Look out for possible threats from and to other houses? Are there other houses nearby or other leaning objects like posts, trees, fences, electricity posts.



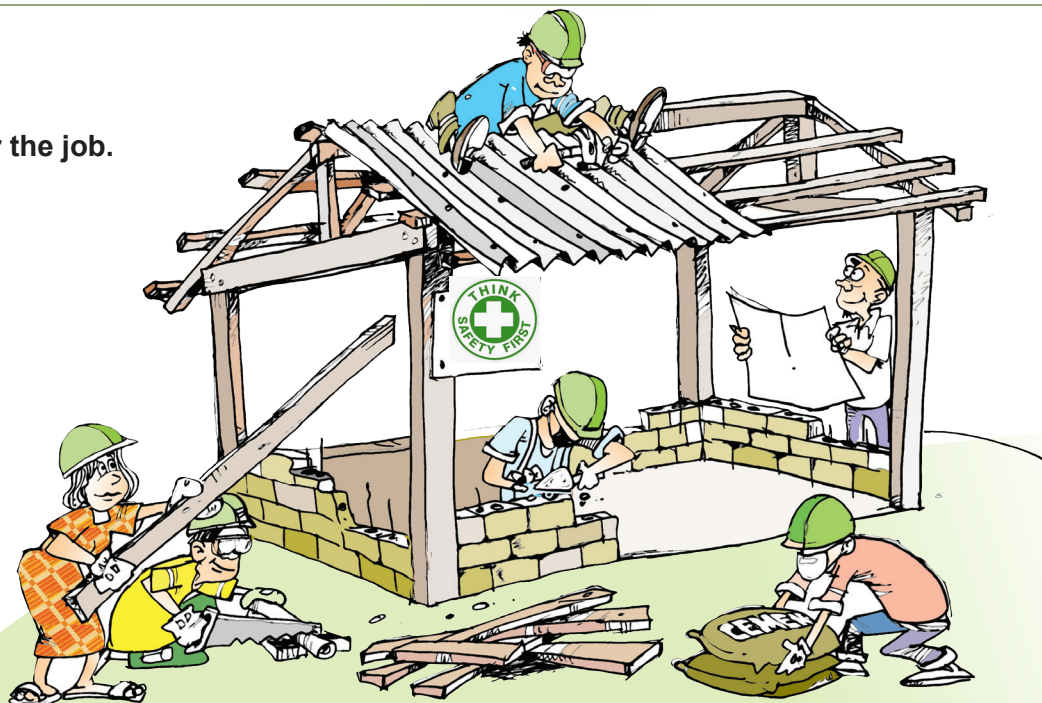
4. Identify and clear place for temporary storage of demolished and salvaged materials.

- Basura/waste materials – to be collected regularly and deposited to dumpsite to be identified by Municipality
- Tin roofs – to be re-used
- Wood – to be re-used
- Concrete and cement blocks – can be used as filling materials
- Furniture/personal belongings can still be used as is.



5. Use the right tools for the job.

6. Always bear in mind “SAFETY FIRST” while doing the job. Wear Personal Protection Equipment.



Tool Kit: Recovery & Rubble Removal



claw hammer
martilyo



sledge hammer
maso



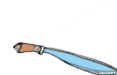
timber saw
gabás



crow bar
bara de kabra



shovel
pála



bolo
sundang

Tool Type	Specification
General (per household)	
Claw Hammer	-Local specification
Timber saw	-SAW, for timber, 400mm blade/ SAW, bow type, for wood, 450mm blade
Nails	-Common wood nails, umbrella nails, (roofing with rubber washers) 40mm/75mm
Wire - Tie wire	- diam. 1.5 mm (gauge 18) , 25m, roll
Rope	-Polipropilene, 12 mm
Personnel protection (per 5 households)	
Gloves	-Protection, heavy duty soft leather, size 11, pair
Goggles	-Plastic, with rubber string, eyes protection
Mask	-Vapour and dust protection, FPP2 disposable half mask (1 box)
Boots	-Heavy duty plastic rubber, pair, size various

Tool Type	Specification
Clean up and rubble removal (per 5 households)	
Empty rice bags	-Local specification
Wheelbarrow	-Approx. 90l dry solids, strong solid wheel
Hack saw	-Steel bar frame, wood handle, wing nut, L. 300mm/ 24"
Bolo	-(Philippine knife) Local specification
Barra	-Twisted Steel Bar with a chisel on the end
Crow bar	- angled beak, 300 mm length/ with angled beak, 500 mm length
Cold Chisel	-Flat 20mm, for masonry, 300mm length/1"
Sledge hammer	-Hardened steel, wood handle, 4800g,900mm/ hardened steel, wood handle, 200g,250mm
Shovel /Spade	-Square faced shovel total length approx. 1m

