

# Build Back Smarter Checklist



House damaged in the earthquakes? Take the opportunity to upgrade your home while repairs are underway.

## Do you have ...

- Ceiling or roof damage
- Guttering damage
  
- Internal or external wall damage
  
- Damaged floors and foundations
- Cracked concrete slabs
- Un-level floors
- Ground level changes
  
- Broken or poorly fitting windows and joinery
  
- Fallen or damaged chimney or fireplace
  
- Broken or damaged hot water system
  
- Plumbing damage
  
- Damaged light fittings

## Then consider ...

- Adding or upgrading ceiling insulation
- Removing recessed downlights
- Installing bathroom and kitchen extract ventilation
- Installing a heat transfer system if you heat with a wood or pellet burner
- Installing a rainwater tank for outdoor and emergency use
  
- Installing building wrap
- Adding or upgrading wall insulation
- Upgrading old wiring
  
- Adding or upgrading under-floor insulation
- Adding a ground moisture barrier under suspended floors
- Strengthening the foundations
- Potentially raising the floor level for increased flood protection
- Improving drainage around and under the house
  
- Replacing damaged windows with more efficient double-glazing, using low-e and argon-filled glass
- Installing draught excluders on doors, and draught-stopping windows
- Reducing window size on the south and west of the house
  
- Blocking or removing open fireplaces.
- Installing a more efficient heater such as a heat pump or low emission wood or pellet burner
- Installing a heat transfer system to take warmth through to bedrooms
  
- Installing seismic restraints (straps) around the hot water cylinder
- Upgrading older cylinders to modern efficient cylinders
- Replacing with more efficient solar or heat pump hot water system
- Installing water-efficient shower heads
- Upgrading piping and eliminating redundant pipe runs
- Lagging (insulating) around pipes
  
- Installing water efficient taps or tap aerators
- Installing dual flush toilets and water efficient shower heads
  
- Replacing recessed downlights with surface mounted or pendant fittings
- Installing energy efficient light bulbs

See <http://resources.ccc.govt.nz/files/HouseholdRepairGuide.pdf> for more information

Creating homes and neighbourhoods that work well into the future and don't cost the Earth

