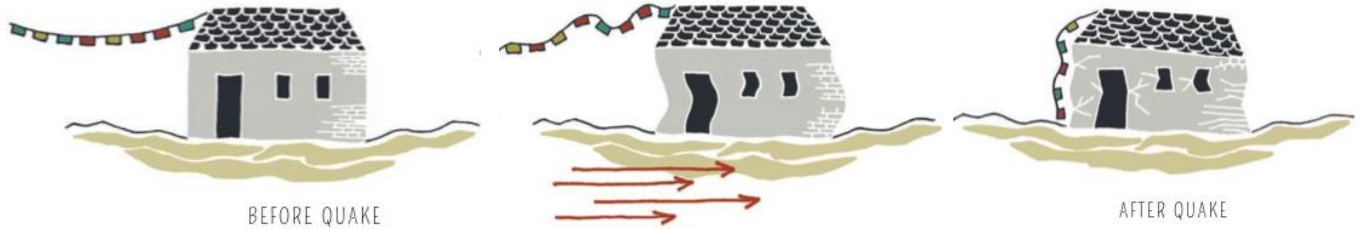


## BUILDINGS & EARTHQUAKES

- What happens to a building in case of an earthquake ?



Due to the seismic waves produced by the earthquake, **the ground will shake in all directions**, causing the buildings to shake in different directions. There are **3 main directions of shaking**, from the bottom, in buildings during an earthquake :



- How to make an earthquake resistant building ?

In order to make an earthquake resistant building, we have to **understand where are the weak points of the building**, and **reinforce the building at these specific points**. To do so, we use bands made of wood or concrete steel (concrete with steel sticks inside), fixed together all around the building in order to prevent the building from collapsing due to the shaking of the ground.

