

Wood

- Wood is a renewable raw material
- It is a highly energy efficient raw material with an insulating rating (R-rating) of 413 times of that of steel



Steel

- It requires 9 times more energy to produce one steel stud compared to one wood stud
- Mining and producing steel consumes 4000 times more coal than wood
- Making steel releases 15 times more sulphur dioxide and 27 times more nitrous dioxide as wood
- Steel needs 25 times more water than wood to manufacture

Plastic

- Plastic is made from non-renewable petroleum products
- It is not biodegradable
- It's recycling is chemical intensive and costly