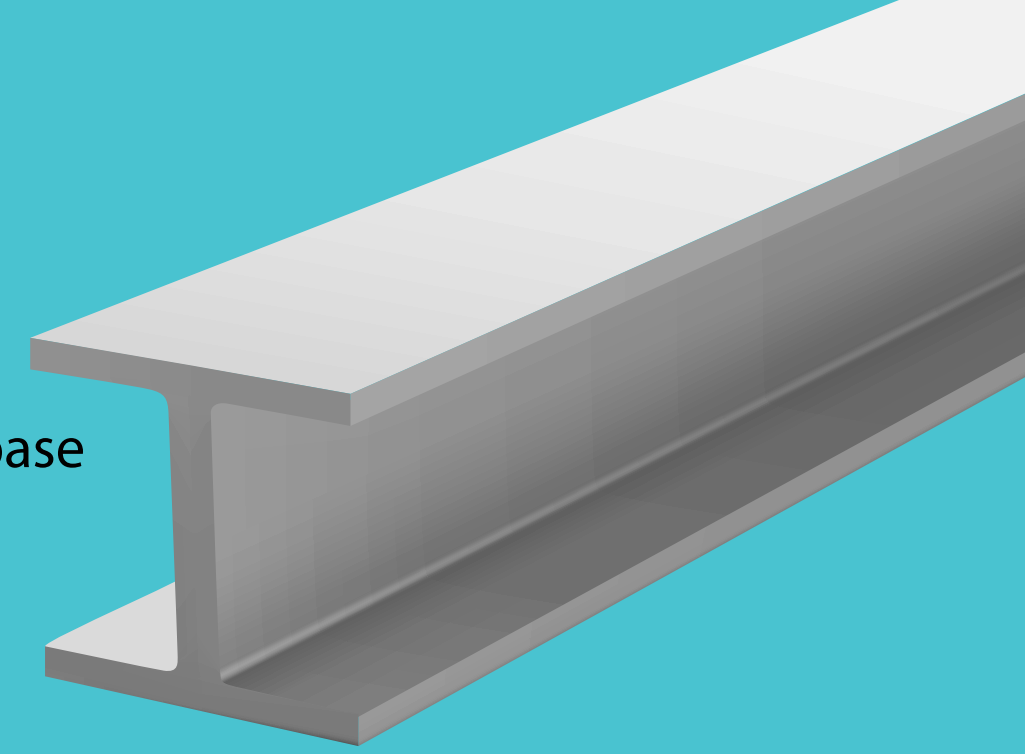




# WHAT IS THE USE OF STRUCTURAL STEEL MATERIAL IN THE CONSTRUCTION INDUSTRY?

Structural Steel is the vital components used in building construction and modern structures. Steel that is widely used as the base for many construction elements of the building or infrastructure is an environmentally friendly product that can be recycled and reused in the construction industry. Steel holds strength for building, brick walls and wooden frames. It is flexible, easy to install, increase quality and ease of maintenance as common building components. It is resistible to damage by natural disasters.



## AFFORDABILITY

### STEP 1



Steel can be brought in any format, such as raw alloy, pre-made components or fabricated parts of beams and frames, and can be purchased directly.

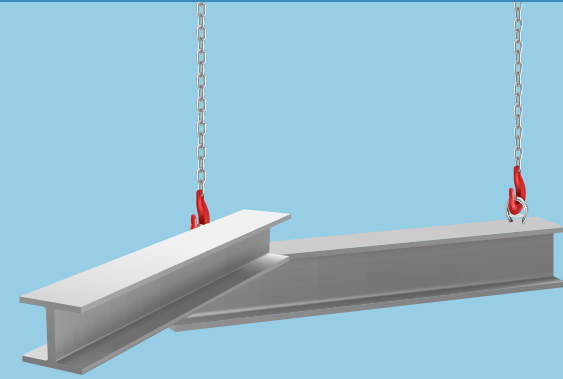
### STEP 2



Less expensive material helps reduce project costs. It has low maintenance requirements that minimise the time of the workers

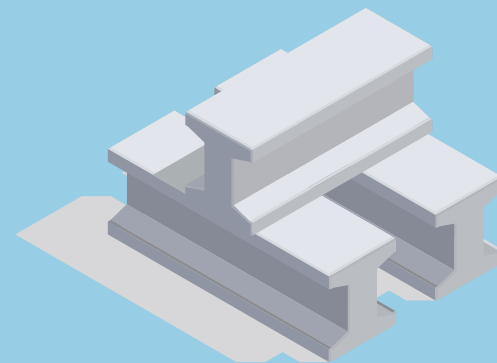
## WEIGHT

### STEP 1



Steel, as a material, is very light and can be easily lifted and transported anywhere.

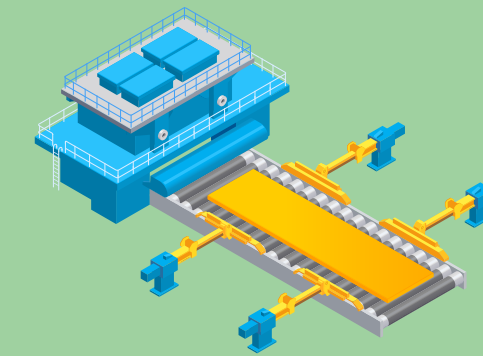
### STEP 2



Steel's proportion use to its lightweight properties makes it less wasting resource. It can be reused and easily decomposed.

## SUSTAINABILITY

### STEP 1



The use of steel is emerging in construction projects worldwide as demand for environmentally friendly structures grows.

### STEP 2

It saves overhead costs as steel can be easily melted down to make new components, out of it used for construction purposes.

### STEP 3

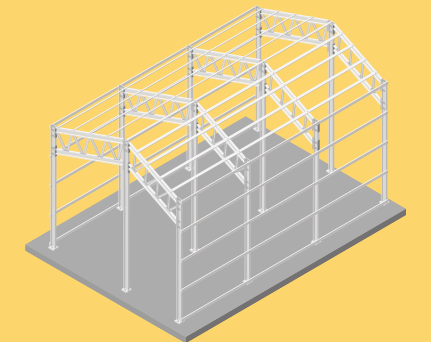
Steel, compared to other metals, is cheaper and more energy-efficient.

### STEP 4

Existing buildings and structures can be easily recycled and reused for new or modified construction projects

## STRENGTH

### STEP 1



Using less steel in beams or single support, it helps to reduce costs and improves the positive impact on the environment.

### STEP 2



Steel is widely used in **modular construction** due to its lightweight strength and lower waste generation.