

# Aluminium - the metal of the future

Did you know that aluminium makes modern life possible? Aluminium is in everything from the smartphone in your hand, to the plane you fly in, and the buildings where you live and work.



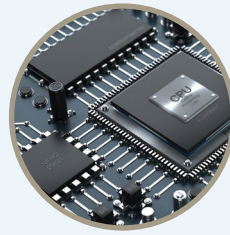
Construction



Transport



Automotive



Electronics



Packaging



## Lightweight

Aluminium can weigh as much as up to 35-60% less than steel, which means that cars and aircraft can travel farther with less fuel



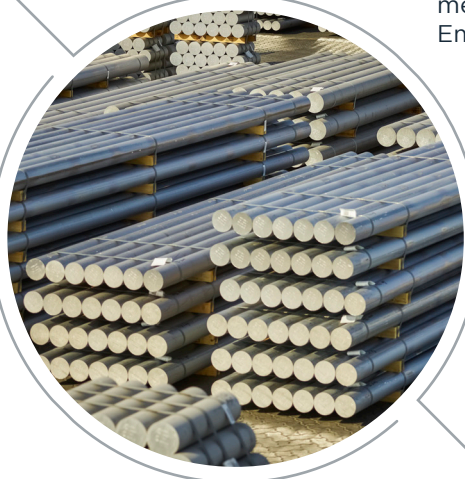
## Impermeable

Aluminium can be rolled to less than the thickness of a human hair, and still be naturally impermeable to light, odours and contamination, which makes it the perfect material to package foods, medical supplies and medicines  
Emirates Global Aluminium



## Strong

Aluminium has one of the best strength to weight ratios of any metal, allowing buildings, bridges and planes built using aluminium to be lighter, while bearing more weight



## Recyclable

Roughly three-quarters of all the aluminium humans have ever made remains in use today. That is because it is 100% recyclable



## Corrosion resistant

Aluminium allows us to build enduring structures because of a natural oxide layer. This corrosion resistance means that aluminium is weather-proof and holds its finish for longer than other metals



## Malleable

There are hundreds of aluminium alloys that are easy to weld, work and shape for any application

## Facts about EGA



### Production

2.6 million tonnes of cast metal shipped to 60+ countries worldwide in 2017



### UAE industrial champion

EGA makes the UAE the 5th biggest aluminium producing nation



Major contributor to economic diversification - the largest made-in-the-UAE export after oil and gas



The first UAE industrial company to license its technology internationally