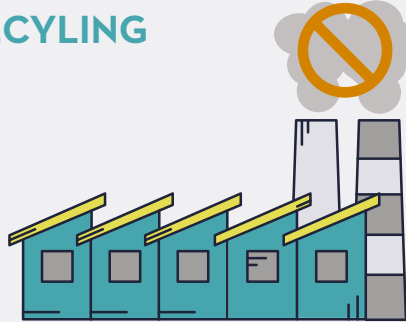


ALUMINIUM RECYCLING

By The International Aluminium Institute (IAI)

FROM RECYCLABLE TO RECYLING

Aluminium can be recycled again and again, almost infinitely, making it an incredibly sustainable material. With comprehensive global data and pioneering material flow analysis, the IAI can track scrap annually from source to consumer by product, quality, form and region.



95%

Recycling aluminium requires up to 95% less energy than production from ore, avoiding emissions, including greenhouse gases.

A WORLD VIEW

75%

Around 75% of the almost 1.5 billion tonnes of aluminium ever produced is still in productive use today.



76%

The global Recycling Efficiency Rate (RER) of aluminium is currently 76%. The RER defines how efficiently aluminium is recycled throughout the value chain. It is an indicator used to estimate the amount of recycled aluminium produced annually from new scrap² and old scrap³, as a percentage of the total amount of available scrap sources. This rate includes collection, processing and melting losses, but internal scrap¹ is not included.

¹Runaround scrap, ²pre-consumer scrap, ³post-consumer scrap

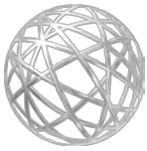
ON THE MOVE

The transportation industry is responsible for recycling the most aluminium products, both in tonnage (9 million tonnes) and efficiency (86%).

40,000 miles

On average, recycling one tonne of aluminium saves over 16 tonnes of greenhouse gas emissions, globally. This is equivalent to driving over 40,000 miles in an average vehicle in the USA - or three-and-a-half years of journeys!





NOTABLE REGIONS

57%

57% of all the metal produced in **North America** originates from scrap, meaning the region has the highest Recycling Input Rate (RIR) in the world.

81%

Europe has the highest Recycling Efficiency Rate (RER) of any region in the world, recycling 81% of the aluminium scrap potentially available in the region.

Every year, aluminium recycling saves enough electricity - from cans and buildings to cars and planes - to power the whole of **France**.

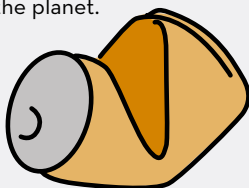
10 million tonnes

China is the largest producer and consumer of recycled aluminium in the world, producing more than 10 million tonnes of metal from scrap, approximately 1/3 of annual global volumes.

A 'CAN' DO ATTITUDE

70%

Almost 70% of all aluminium beverage cans globally are recycled, which makes the aluminium can the most recycled drinks container on the planet.



20 smartphones

Recycling one aluminium can saves enough energy to recharge almost 20 smartphones.

