

# ALUMINIUM

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Making the future possible

Produced by the Minerals Council of Australia

Australian Mining



## Australia's resource

**22%**

Share of world bauxite resources in 2016



**2nd**

Largest share of world bauxite resources in 2016

**28%**

Share of world bauxite production in 2017

(2016-17)

## Production

Bauxite	<b>85 Mt</b>
Alumina	<b>20.6 Mt</b>
Aluminium	<b>1.5 Mt</b>

## Economic contribution



**1st**

Largest global alumina exporter in 2016

**\$10.9b**

Value of bauxite, alumina & aluminium exports in 2016-17

**13,500+**

Australian jobs in bauxite, alumina & aluminium industry

(2016-17)

## Export volume

Bauxite	<b>24.9 Mt</b>
Alumina	<b>18.2 Mt</b>
Aluminium	<b>1.3 Mt</b>

## Aluminium at work



Aircraft



Canned food



Transport



Housing



Cookware



Bicycles

## DID YOU KNOW?

Life Savers and Toblerone chocolate bars were among the first commercial uses of aluminium foil. Swiss chocolatier Tobler began wrapping bars in rolled foil in 1911. In the United States, aluminium replaced tin foil Life Saver wrappers in 1925.

## Properties

Discovered	1825
Melting point	660.3°C
Density	2.70 g/cm <sup>3</sup>
Conductivity	High
Malleability	High

