



# COBALT

makingthefuturepossible.info

Making the future possible

Australian Mining

Produced by the Minerals Council of Australia



## Australia's resource

14%

Share of world cobalt resources in 2016

5,000t

Australia's production of cobalt in 2017

2nd

Largest share of world cobalt resources in 2016

4.5%

Australia's share of world cobalt production in 2017

## Global production

110,000t

Global cobalt production in 2017

58%

Congo is the world's largest cobalt producer



Cobalt pigment is used to achieve the rich blue used by the Persians as early as 2000-3000 BC to colour glass beads.

## Cobalt at work



Batteries



Electric cars



Ceramics



Wind turbines



Medical tracer



Jet engines

## DID YOU KNOW?

Cobalt was named from the German word for goblin, *kobold*, by superstitious miners who believed it was responsible for mysterious deaths. They were right. Toxic vapors during smelting made this a dangerous ore for medieval miners.

## Properties

Discovered  
Melting point  
Density  
Conductivity  
Malleability

1739  
1495°C  
8.86 g/cm<sup>3</sup>  
Medium

