

## COAL MYTHBUSTING

MYTH	FACT
Australia controls the world coal market	Australia is the world's biggest coal exporter, as a consequence of passing just 4% of the world's coal production through its ports. Worldwide, coal is not traded extensively.
Halting Australian coal exports will reduce greenhouse gas emissions	Coal is mined in 70 other countries, meaning Australia's exports would be replaced by other countries leading to no net reduction in emissions. The world has an estimated 150 years of coal supplies. Australia lies fifth in coal reserve rankings behind the United States, China, the Russian Federation and India.  Global coal demand is forecast to rise 73% by 2030.
Australian coal makes a large contribution to global greenhouse gas emissions	Australian coal used overseas produces 1.3% of global greenhouse gas emissions, and is accounted for by the countries in which it is used.
Coal is the largest source of greenhouse gas emissions	The burning of coal for stationary electricity production accounts for 25% of global emissions and 33% in Australia, where coal-fired power stations produce 84% of the country's electricity.
Australia is a major greenhouse gas emitter	Australia's produces approximately 1.4% of the world's greenhouse gas emissions.
Most of Australia's coal is exported to China	China ranks fifth as an export market for Australian coal, well behind Japan (44%). Asian economies account for just over 80% of Australian coal exports with other customers Europe (12%) and South America (5%). Around 3% of Australia's coal is exported to China.
All Australia's coal is used for electricity production	Sixty per cent of Australia's coal exports are used for steelmaking (metallurgical) and the remainder (thermal) for electricity production and other industrial purposes (eg cement).
Clean coal technology is unproven	Commercial coal gasification power plants operate in the United States and Europe. Underground storage of CO <sub>2</sub> for enhanced oil recovery is established technology in the United States, Africa and Norway.  Australia is a world leader in developing, integrating and commercialising carbon capture and storage technology.