## **IMPACT STRATEGY ON A PAGE**

Mineral Resources				
GOAL	IMPACT AREAS			
Deliver science and technology	Growing Australia's resource base			
options for the discovery and efficient development of Australia's mineral resource endowment that	Increasing productivity			

**ROLE KEY** 

enable flow-on

benefits to the

wider national economy.

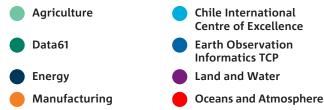


## **PROGRAMS**

- Discovering Australia's Mineral Resources
- Processing Australian Ores

## Resources, Communit and Environment

## **OTHER BUSINESS UNITS**



IMPACT AREAS	IMPACT STATEMENTS	RO INTERNAL PROGRAMS	OTHER BUSINESS UNITS
Growing Australia's resource base	<b>Exploration through cover:</b> Mineral discovery through cover: Exploration investors in Australia are more successful as new regions of Australia's bedrock, currently hidden under cover, are effectively explored.		
Increasing productivity	<b>Rapid resource characterisation:</b> In-situ resource characterisation to enable optimum extraction: Global resource companies characterise mineral resources in near real time using new sensor and data processing technologies to reliably predict downstream process optimisation and improve resource life.		
Driving environmental performance	<b>Intelligent mining and ore management:</b> Intelligent ore extraction technologies to exploit variability: Global mine operators exploit inherent orebody variability through new mining and ore management technologies that improve productivity and reduce input costs.		
Positioning resources in society	<b>Processing Australian ores:</b> Processing options for competitive Australian ores: Australian mineral producers are globally competitive and currently stranded Australian mineral resources are developed using new processing options.		
Intelligent Mining and Resource Management	<b>Responsible metal production and recycling:</b> Low water and energy metal production and recycling options: The global mineral industry increases the efficiency of metal production through the deployment of new technologies.		MA
Resources, Community and Environment	<b>Minesite environmental performance:</b> Environmental solutions for Australian mining: The Australian mining and services sector leads the world in the long term rehabilitation and utilisation of minesites leading to sustainable long term regional ecosystem outcomes and strong community support.		AG CIC D61 EN LW MA OA
Centre of Excellence Earth Observation Informatics TCP Land and Water Oceans and Atmosphere	Resources in society: Sustainable resource communities: Communities and the mining industry have a shared approach to maximise value and long term outcomes to underpin a vibrant national economy.		AG CIC D61 EN LW