



PUBLIC DISCLOSURE STATEMENT

AUSTRALIAN MINES

ORGANISATION
FY 2019-20

Australian Government
Climate Active
Public Disclosure Statement



NAME OF CERTIFIED ENTITY: Australian Mines Limited

REPORTING PERIOD: 1 July 2019 – 30 June 2020

Declaration

To the best of my knowledge, the information provided in this Public Disclosure Statement is true and correct and meets the requirements of the Climate Active Carbon Neutral Standard.

Signature:

A handwritten signature in black ink, appearing to read 'jbell'.

Date: 30 March 2021

Name of Signatory: Benjamin Bell

Position of Signatory: Managing Director



Australian Government
Department of Industry, Science,
Energy and Resources

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1. CARBON NEUTRAL INFORMATION

Description of certification

This inventory has been prepared for the financial year from 1 July 2019 to 30 June 2020. The certification covers the Australian operations for Australian Mines Limited, including Auzrnd Pty Ltd, Flemington Mining Operations Pty Ltd, Sconi Mining Operations Pty Ltd and Advanced Materials Limited, a wholly owned subsidiary of Australian Mines incorporated in UK on 13 December 2019. Australian Mines is not currently undertaking mining operations. At this point in time Australian Mines is currently in the exploration phase and is not engaged in the development phase during the reporting period. The mining operations of Australian Mines will be covered in the emission boundary when the development phase begins.

The operational boundary has been defined based on an operational control test, in accordance with the principles of the National Greenhouse and Energy Reporting Act 2007. This includes the following locations and facilities:

- Level 6, 66 St Georges Terrace, Perth, 6000 WA
- Level 34, 1 Eagle Street, Brisbane, 4000 QLD
- 6/344-348 Clarinda Street, Parkes, 2870 NSW

The methods used for collating data, performing calculations and presenting the carbon account are in accordance with the following standards:

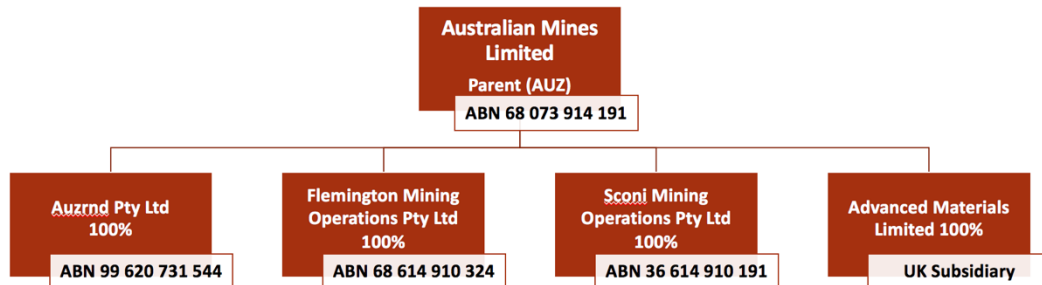
- Climate Active Standards
- The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
- National Greenhouse and Energy Reporting (Measurement) Determination 2008

Where possible, the calculation methodologies and emission factors used in this inventory are derived from the National Greenhouse Accounts (NGA) Factors in accordance with "Method 1" from the National Greenhouse and Energy Reporting (Measurement) Determination 2008.

The greenhouse gases considered within the inventory are those that are commonly reported under the Kyoto Protocol; carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O) and synthetic gases - hydrofluorocarbons (HFCs), perfluorocarbons (PFCs) sulphur hexafluoride (SF₆) and nitrogen trifluoride (NF₃). These have been expressed as carbon dioxide equivalents (CO₂-e) using relative global warming potentials (GWPs).



Corporate Structure



Note:
AML is a wholly owned subsidiary of Australian Mines Limited, incorporated in UK on December 13, 2019.

Organisation description

Australian Mines is an ASX-listed company with a portfolio of, 100% owned, Cobalt, Nickel and Scandium assets across Australia's east coast. The company's primary focus is the development of its flagship Sconi Project, in North Queensland, which is forecast to be one of the most cost competitive cobalt – producing nickel operations in the world.

The Sconi Project is ideally placed to meet surging demand for ethically sourced battery materials, which is being driven by the global shift to cleaner, more sustainable energy solutions. The Sconi Project will primarily supply the electric vehicle and advanced battery storage industries, which are both making an increasingly significant contribution to the reduction of greenhouse gas emissions.

Alongside Sconi, which has an estimated mine life of at least 30 years, Australian Mines has 100% ownership of a Cobalt, Nickel and Scandium project in Flemington and 100% ownership of Thackaringa, an early-stage pure cobalt exploration project, both of which are in New South Wales.

A key feature of the development plan for the Sconi project is Australian Mines' commitment to deliver social as well as economic benefits to Queensland. Australian Mines is working closely with the Queensland Government and the communities that are local to the project on its plans for investment to upgrade regional infrastructure and services to support the local economy. This infrastructure upgrade planning creates an ideal opportunity for Australian Mines to advance its carbon neutral ambitions and positively influence key stakeholder groups around emissions reduction.

Making the decision to become carbon neutral is a natural extension of Australian Mines ongoing commitment to building a sustainable business, that incorporates leading Environmental, Social and Governance (ESG) practices. It follows the approval of the Company's membership of the Initiative for Responsible Mining Assurance (IRMA) in March 2020. The IRMA is an independent third-party organisation that verifies and certifies socially and environmentally responsible mining.

2. EMISSION BOUNDARY

Diagram of the certification boundary

Australian Mines is currently in the exploration phase and the mining hasn't occurred yet. Once started, this will be included in the emission boundary.

<u>Quantified</u>	<u>Non-quantified</u>	<u>Excluded</u>
Electricity	Refrigerants	N/A
Base Building Electricity		
Telecommunications		
Water & Sewage		
IT Equipment		
Paper		
Newspapers		
Staff Clothing		
Office Furniture		
Employee Commute		
Business Flights		
Transport Fuels		
Cleaning Services		
Food & Catering		
Postage		
Couriers		
Printing & Stationery		
Accommodation – International & Domestic		
Advertising		
Taxis & Ride Sharing		
Car Hire		
Freight		
Waste – Landfill & Recycling		
Working from Home		

Non-quantified sources

Refrigerants are deemed to be immaterial as they account for less than 1% and have been non-quantified.

Data management plan

N/A

Excluded sources (outside of certification boundary)

N/A

3. EMISSIONS SUMMARY

Emissions reduction strategy

Australian Mines emissions reduction strategy involves improving operational efficiency, implementing staff training and engagement programs to target reductions in work related emissions, ongoing investment in technological innovation to minimise transport and logistics emissions and reducing waste and energy consumption across the business. The implementation of this strategy will include:

- ✓ setting annual KPI's to measure and report on Australian Mines energy consumption and emissions reduction targets
- ✓ increase energy efficiency through the installation of energy efficient lighting and appliances as part of the upgrade and replacement programs at our offices and facilities
- ✓ developing a roadmap for a transition to 100% green energy supply, including annual targets for increases in the use of energy from renewable sources
- ✓ encouraging our partners and stakeholders to implement emissions reduction strategies

The strategy will be developed and implemented in the next two years.

Emissions over time

Table 1

Emissions since base year		
	Base year: 2018-19	Current year Year 2: 2019-20
<i>Total tCO₂e</i>	459.0	338.3

Emissions reduction actions

- ✓ Significantly reduced travel-related emissions by utilising virtual communication technologies to replace face to face meetings.
- ✓ Implemented green office policies, that include, but are not limited to:
 - setting double-sided printing as a default on all computers and printers
 - successfully transitioned to 100% recycled paper
 - Implement off peak computer and office equipment shutdowns (where possible)
- ✓ Educated and engaged with our people to continue to reduce emissions generated at work

Emissions summary (inventory)

Table 2

Emission source category	tonnes CO ₂ -e
Accommodation and facilities	7.46
Business Flights	145.78
Car Hire	43.71
Cleaning and Chemicals	1.02
Electricity	47.90
Employee Commute	11.29
Food	1.36
Freight	19.93
ICT services and equipment	6.02
Transport Fuels	7.54
Office equipment & supplies	14.99
Postage, courier and freight	1.08
Products	0.82
Professional Services	23.91
Taxi and Ride Sharing	0.39
Waste	0.86
Water	0.52
Working from Home	0.39
Total Net Emissions	334.96

Uplift factors

Table 3

Reason for uplift factor	tonnes CO ₂ -e
Uplift for data missing from small offices – 1%	3.35
Total footprint to offset (uplift factors + net emissions)	338.31

Carbon neutral products

Carbon Neutral Paper (Reflex)

Electricity summary

Electricity was calculated using a location-based approach.

The Climate Active team are consulting on the use of a market vs location-based approach for electricity accounting with a view to finalising a policy decision for the carbon neutral certification.

Given a decision is still pending on the accounting way forward, a summary of emissions using both measures have been provided for full disclosure and to ensure year on year comparisons can be made.

Market-based approach electricity summary

Table 4

Electricity inventory items	kWh	Emissions (tonnes CO ₂ e)
Electricity Renewables	11,578	0.00
Electricity Carbon Neutral Power	0	0.00
Electricity Remaining	50,671	54.78
Renewable electricity percentage	19%	
<i>Net emissions (Market based approach)</i>		54.78

Location-based summary

Table 5

State/ Territory	Electricity Inventory items	kWh	Full Emission factor (Scope 2 +3)	Emissions (tonnes CO ₂ e)
ACT/NSW	Electricity Renewables	-	-0.90	0.00
ACT/NSW	Electricity Carbon Neutral Power	-	-0.90	0.00
ACT/NSW	Netted off (exported on-site generation)	-	-0.81	0.00
ACT/NSW	Electricity Total	5,255	0.90	4.73
Qld	Electricity Renewables	-	-0.93	0.00
Qld	Electricity Carbon Neutral Power	-	-0.93	0.00
Qld	Netted off (exported on-site generation)	-	-0.81	0.00
Qld	Electricity Total	5,255	0.93	4.89
WA	Electricity Renewables	-	-0.74	0.00
WA	Electricity Carbon Neutral Power	-	-0.74	0.00
WA	Netted off (exported on-site generation)	-	-0.69	0.00
WA	Electricity Total	51,740	0.74	38.29
<i>Total net electricity emissions (Location based)</i>				47.90

4. CARBON OFFSETS

Offset purchasing strategy: in arrears

Offsets summary

Table 7

1. Total offsets required for this report				339					
2. Offsets retired in previous reports and used in this report				0					
3. Net offsets required for this report				339					
Project description	Eligible offset units type	Registry unit retired in	Date retired	Serial number (including hyperlink to registry transaction record)	Vintage	Quantity (tonnes CO2-e)	Quantity used for previous report	Quantity to be banked for future years	Quantity to be used this report
Rimba Raya Biodiversity Reserve Project	VCUs	Verra	21 Jan 2021	5816-261749409-261749747-VCU-016-MER-ID-14-674-01072013-31122013-1	2013	339	0	0	339
Total offsets retired this report and used in this report							339		
Total offsets retired this report and banked for future reports								0	

Co-benefits

The Rimba Raya REDD+ project has successfully defended 64,500 hectares of carbon and biodiversity-rich lowland peat forest from conversion to oil palm plantations, which surround the project area and adjacent Tanjung Puting National Park. Rimba Raya protects over 120 threatened and endangered species in the project area including the endangered Borneo Orangutan and supports over 10,000 forest-dependent community members living in and along the boundaries of the project, who have traditionally held no tenure and who have used the forest in an unsustainable way. The project has strong community-based initiatives including increased employment for communities, greater access to medical and health services, and assistance with education.

5. USE OF TRADE MARK

Table 8

Description where trademark used	Logo type
Company's website	Certified organisation
Company's marketing materials	Certified organisation
Display the Certification certificate at the Brisbane Head Office	Certified organisation

6. ADDITIONAL INFORMATION

N/A

APPENDIX 1

Excluded emissions

Table 9

Relevance test					
Excluded emission sources	<i>The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions</i>	<i>The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.</i>	<i>Key stakeholders deem the emissions from a particular source are relevant.</i>	<i>The responsible entity has the potential to influence the reduction of emissions from a particular source.</i>	<i>The emissions are from outsourced activities previously undertaken within the organisation's boundary, or from outsourced activities typically undertaken within the boundary for comparable organisations.</i>

N/A

APPENDIX 2

Non-quantified emissions for organisations

Please advise which of the reasons applies to each of your non-quantified emissions. You may add rows if required.

Table 10

Non-quantification test				
Relevant-non-quantified emission sources	<i>Immaterial <1% for individual items and no more than 5% collectively</i>	<i>Quantification is not cost effective relative to the size of the emission but uplift applied.</i>	<i>Data unavailable but uplift applied. A data management plan must be put in place to provide data within 5 years.</i>	<i>Initial emissions non-quantified but repairs and replacements quantified</i>
Refrigerants	Yes	No	No	No