

Australian Government
Climate Active Public Disclosure Statement



NAME OF CERTIFIED ENTITY: Australian Mines Ltd

REPORTING PERIOD: 1 July 2018 – 30 June 2019

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 <i>Benjamin Bell</i>	Date 18 June 2020
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 2018 to 30 June 2019. The certification covers the Australian operations for Australian Mines Limited, including Auzrnd Pty Ltd, Flemington Mining Operations Pty Ltd and Sconi Mining Operations Pty Ltd. 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).



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 Northern 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.

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
- reducing travel related emissions by utilising virtual communication technologies to replace face to face meetings, where possible
- Implementing green office policies, including
 - double-sided printing as a default;
 - transition to 100% recycled paper;
 - off peak computer and office equipment shut downs, where possible
 - review of waste management contracts to ensure effective recycling
- educating and engaging our people to reduce emissions generated at work
- encouraging our partners and stakeholders to implement emissions reduction strategies

2. Emission 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.

Diagram of the certification boundary



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

Table 3. Emissions Summary	
Emission source category	tonnes CO ₂ -e
Accommodation and facilities	36.238
Business Flights	197.239
Cleaning and Chemicals	0.907
Electricity	48.372
Food	0.766
ICT services and equipment	28.103
Transport Fuels	7.539
Employee Commute	19.295
Office equipment & supplies	34.894
Postage, courier and freight	49.738
Products	0.225
Professional Services	27.945
Taxis	1.634
Waste	1.167
Water	0.360
Total Net Emissions	454.422

Uplift factors

Table 4. Uplift factors	
Reason for uplift factor	tonnes CO ₂ -e
Uplift for data missing from small offices – 1%	4.544
Total Footprint to offset (uplift factors + net emissions)	458.966

Carbon Neutral products

N/A

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 by July 2020. Given a decision is still pending on the accounting way forward, a summary of emissions using both measures has been provided for full disclosure and to ensure year on year comparisons can be made.

Table 5: Market-based approach Electricity summary

Electricity Inventory items	kWh	Emissions (tonnes CO ₂ e)
Electricity Renewables	11,496	0.00
Electricity Carbon Neutral Power	0	0.00
Electricity Remaining	50,312	54.39
Renewable electricity percentage	19%	
Net emissions (Market based approach)		54

Table 6 Location-based summary

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	7,525	0.90	6.77
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	7,525	0.93	7.00
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	46,758	0.74	34.60
	Total net electricity emissions (Location based)		0.00	48.37

4. Carbon offsets

Offset purchasing strategy: in arrears

Table 7 **Offsets Summary**

1. Total offsets required for this report				459					
2. Offsets retired in previous reports and used in this report				0					
3. Net offsets required for this report				459					
<i>Project description</i>	<i>Eligible offset units type</i>	<i>Registry unit retired in</i>	<i>Date retired</i>	<i>Serial number (including hyperlink to registry transaction record)</i>	<i>Vintage</i>	<i>Quantity (tonnes CO2-e)</i>	<i>Quantity used for previous report</i>	<i>Quantity to be banked for future years</i>	<i>Quantity to be used this report</i>
Rimba Raya Biodiversity Reserve Project	VCUs	APX	17/06/2020	6287-294249095-294249553-VCU-016-MER-ID-14-674-01012014-30062014-1	2014	459	0	0	459
Total offsets retired this report and used in this report							459		
Total offsets retired this report and banked for future reports							0		

Co-benefits

The Rimba Raya Biodiversity Reserve Project, an initiative by InfiniteEARTH, aims to reduce Indonesia's emissions by preserving 91,215 hectares of tropical peat swamp forest. This area, rich in biodiversity including the endangered Bornean orangutan, was slated by the Provincial government to be converted into four palm oil estates. Located on the southern coast of Borneo in the province of Central Kalimantan, the project is also designed to protect the integrity of the adjacent world renowned Tanjung Puting National Park, by creating a physical buffer zone on the full extent of the ~90km eastern border of the park.

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	

6. Additional information

N/A

Appendix 1: Excluded emissions

To be deemed relevant an emission must meet two of the five relevance criteria. Excluded emissions are detailed below against each of the five criteria.

	Relevance Test				
Excluded Emission	<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					