



PUBLIC DISCLOSURE STATEMENT

AUSTRALIAN MINES LIMITED

**ORGANISATION CERTIFICATION
FY2020-21**

Australian Government
Climate Active
Public Disclosure Statement



NAME OF CERTIFIED ENTITY: Australian Mines Limited

REPORTING PERIOD: Financial year 1 July 2020 – 30 June 2021

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 *Benjamin Bell*

Date 21 February 2022

Name of Signatory Benjamin Bell

Position of Signatory Managing Director



Australian Government
Department of Industry, Science,
Energy and Resources

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Version number February 2021

1. CARBON NEUTRAL INFORMATION

Description of certification

This inventory has been prepared for the financial year from 1 July 2020 to 30 June 2021. The certification covers the Australian operations for Australian Mines Limited (ABN 68 073 914 191), 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.

“Sustainability is at the core of our business at Australian Mines.”

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
- 8 Chapel Street, Richmond 3121 VIC
- 6/344-348 Clarinda Street, Parkes, 2870 NSW
- Staff working from home in 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.

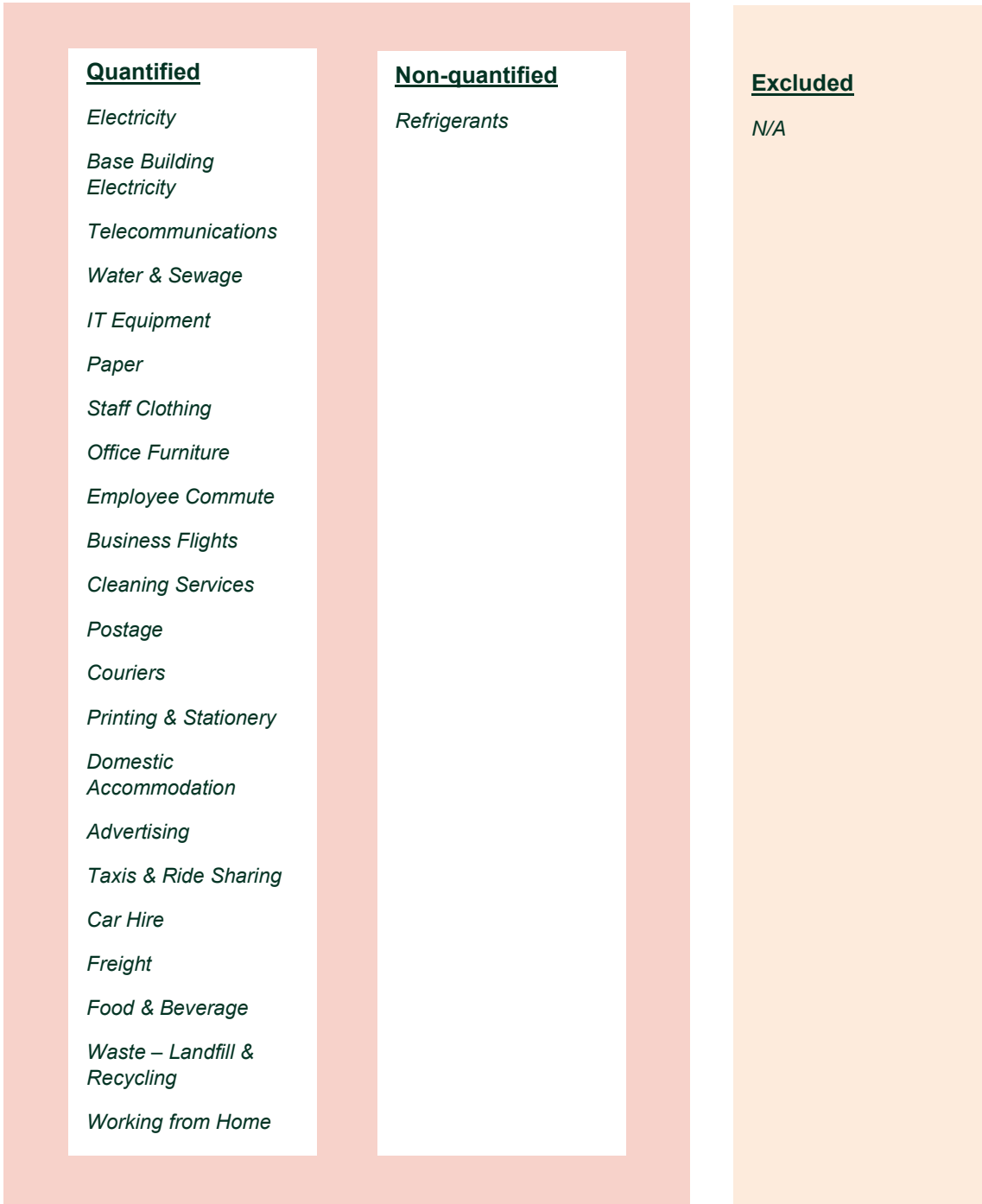
A key feature of the development plan for the Sconi project is Australian Mines’ commitment to deliver social as well as economic benefits to Queensland. Australian Mines is working closely with the Queensland Government and the communities that are local to the project on its plans for investment to 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.



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

“Our Carbon Neutral certification is integral to building a long-term sustainable future at Australian Mines.”

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

Australian Mines' emissions have significantly decreased over time, seeing a 76% reduction since the base year (FY2019) and 67% reduction since FY2020. The most significant reductions are from business travel, including flights, hotels and car use, due to COVID-19 travel restrictions. Electricity has reduced due to the Parkes office closing in January 2021 and switching some of the offices to carbon neutral. Also printing and advertising spend reduced due to more green office policies and consciously using online advertising rather than traditional.

Table 1

Emissions since base year			
	Base year: 2018-19	Year 2: 2019-20	Current year Year 3: 2020-21
<i>Total tCO₂-e</i>	459.0	338.3	110.5

Emissions reduction actions

- ✓ Employees were more aware and actively engaged in reducing emissions across the business.
- ✓ 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)
- ✓ Continued education and engagement with our people to continue reducing emissions generated at work.
- ✓ Engagement with a greater number of Carbon Neutral partners across the business.

Emissions summary (inventory)

Table 2

Emission source category	tonnes CO ₂ -e
Accommodation and facilities	2.34
Cleaning and Chemicals	0.74
Electricity	40.33
Food	1.78
ICT services and equipment	5.80
Land and Sea Transport (\$)	14.37
Land and Sea Transport (km)	11.22
Office equipment & supplies	8.74
Postage, courier and freight	2.41
Products	0.01
Professional Services	19.71
Waste	0.98
Water	0.51
Working from home	0.48
<i>Total Net Emissions</i>	109.42

Uplift factors

Table 3

Reason for uplift factor	tonnes CO ₂ -e
Uplift for data missing from small offices – 1%	1.11
<i>Total footprint to offset (uplift factors + net emissions)</i>	110.53

Carbon neutral products

Australian Mines use Reflex carbon neutral office paper, carbon neutral electricity from Powershop, Origin and AGL and they also offset all their flights through Qantas.

This assessment and Climate Active submission was prepared with the assistance of [Pangolin Associates](#) and these services are also carbon neutral.

Electricity summary

Electricity was calculated using a location-based approach.

Market-based approach summary

Table 4

Market-based approach	Activity Data (kWh)	Emissions (kgCO ₂ -e)	Renewable %
Behind the meter consumption of electricity generated	0	0	0%
Total non-grid electricity	0	0	0%
LGC Purchased and retired (kWh) (including PPAs & Precinct LGCs)	0	0	0%
GreenPower	0	0	0%
Jurisdictional renewables (LGCs retired)	0	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	10,672	0	19%
Residual Electricity	45,717	49,058	0%
Total grid electricity	56,389	49,058	19%
Total Electricity Consumed (grid + non grid)	56,389	49,058	19%
Electricity renewables	10,672	0	
Residual Electricity	45,717	49,058	
Exported on-site generated electricity	0	0	
Emission Footprint (kgCO ₂ -e)		49,058	

Emission Footprint (tCO₂-e)	18.93%
Mandatory	18.93%
Voluntary	0.00%
Behind the meter	0.00%
Residual Electricity Emission Footprint (TCO₂e)	49

Figures may not sum due to rounding. Renewable percentage can be above 100%

Location-based approach summary
Table 5

Location-based approach	Activity Data (kWh)	Emissions (kgCO ₂ e)
NSW	1,277	1,150
Vic	517	564
Qld	1,721	1,601
WA	52,873	37,011
Grid electricity (scope 2 and 3)	56,389	40,325
NSW	0	0
Vic	0	0
Qld	0	0
WA	0	0
Non-grid electricity (Behind the meter)	0	0
Total Electricity Consumed	56,389	40,325

Emission Footprint (tCO₂-e)	40
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Climate Active Carbon Neutral Electricity summary
Table 6

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO ₂ -e)
<i>Powershop</i>	65	0
<i>Origin</i>	7	0
<i>AGL</i>	34	0

Climate Active carbon neutral electricity is not renewable electricity. The emissions have been offset by another Climate Active member through their Product certification.

4. CARBON OFFSETS

Offsets strategy

Table 7

Offset purchasing strategy: In arrears	
1. Total offsets previously forward purchased and banked for this report	0
2. Total emissions liability to offset for this report	111
3. Net offset balance for this reporting period	111
4. Total offsets to be forward purchased to offset the next reporting period	0
5. Total offsets required for this report	111

Co-benefits

NIHT Topaiyo REDD +

NIHT Inc. has partnered with the traditional landowners of New Ireland and East New Britain to put an end to deforestation initiated by industrial logging in the region. The preservation of these rainforests is essential to not only the carbon and biodiversity benefits inherent with projects of this nature, but also for the wellbeing and prosperity of the people of New Ireland and East New Britain. The project is located in the forested areas of New Ireland and East New Britain in Papua New Guinea. The project has evolved based on the input and needs expressed by persons living in the region. What began as a traditional timber operation has been recognised as an opportunity with enormous carbon sequestering potential and has evolved into a forest protection project that will provide substantial economic benefits to the people of Papua New Guinea. Through the avoidance of carrying out exploitative industrial commercial timber harvesting in the project area, the project expects to generate nearly 60 million tonnes of CO₂ emissions reductions across the 30 year project lifetime, depending on the number and size of Project Activity Instances (PAIs) added to the project.

Offsets summary

Proof of cancellation of offset units

Table 8

Offsets cancelled for Climate Active Carbon Neutral Certification										
Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Eligible Quantity (tCO ₂ -e)	Quantity used for previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reporting period claim	Percentage of total (%)
NIHT Topaiyo REDD +	VCUs	Verra	28 Nov 2021	10514-223960195-223960305-VCS-VCU-466-VER-PG-14-2293-01062017-31122019-0	2019	111	0	0	111	100%
Total offsets retired this report and used in this report									111	
Total offsets retired this report and banked for future reports								0		

Type of offset units	Quantity (used for this reporting period claim)	Percentage of Total
Verified Carbon Units (VCUs)	111	100%

5. USE OF TRADE MARK

Table 9

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

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.

Table 10

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

Table 11

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



An Australian Government Initiative

