



# **PUBLIC DISCLOSURE STATEMENT**

**AUSTRALIAN MOBILE  
TELECOMMUNICATIONS ASSOCIATION**

**SERVICE CERTIFICATION  
FY2020–21**

Australian Government  
**Climate Active**  
**Public Disclosure Statement**



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Australian Mobile Telecommunications Association
REPORTING PERIOD	1 July 2020 – 30 June 2021] arrears report
DECLARATION	<p><i>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.</i></p> <p><i>SKalos</i></p> <hr/> <p>Spyro Kalos  Head of Product Stewardship</p> <p>15 October 2021</p>



**Australian Government**  
**Department of Industry, Science,  
Energy and Resources**

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Version September 2021. To be used for FY20/21 reporting onwards.



# 1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	348 tCO <sub>2</sub> -e
THE OFFSETS BOUGHT	100% VERs
RENEWABLE ELECTRICITY	0%
TECHNICAL ASSESSMENT	N/A

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## 2. CARBON NEUTRAL INFORMATION

### Description of certification

The Australian Mobile Telecommunications Association (AMTA) is the peak body representing Australia's mobile telecommunications industry.

AMTA manages MobileMuster, the product stewardship program of the mobile phone industry, on behalf of members which include all the major handset manufacturers and network carriers operating in Australia.

MobileMuster provides a free education, collection and recycling service to the community to ensure that end of life devices are recycled in a safe and secure way to the highest environmental standards.

This certification covers all the activities undertaken to provide a free service of collecting, sorting, and recycling mobile phone components in Australia, on behalf of the Australian Mobile Telecommunications Association (AMTA) and its members, under the MobileMuster product stewardship program.

*MobileMuster is committed to reducing its carbon emissions and where necessary offsetting all emissions associated with the product stewardship program. It means that our operations will have net zero carbon impact.*

### Product/Service description

The reference unit for the service certification is 'tonne CO<sub>2</sub>-e per tonne of mobile phone component waste collected and managed through the MobileMuster program'. The certification fully covers the total volume of mobile phone component waste that is collected throughout the year.

The system analysed begins at the end-of-life of MPCs and ends once the waste recycling processes have been completed. As such, we consider this model to be cradle to grave. The boundaries of the system include the production of collection boxes and satchels used to collect MPCs. It also covers the distribution of collection boxes to collection points, and the distribution of satchels to the location of the order. It does not include transporting MPCs to the collection point or any transport associated with users bringing satchels home.

The system then considers the collection and reprocessing systems used by MobileMuster and its recycling partners, up until the production of secondary materials. LCA typically widens the system boundaries to consider that the production of secondary materials avoids the production of an equivalent quantity of virgin materials. This aspect generally acts as an offset, and was excluded from the study, as it does not conform with the process of drawing carbon accounts.

## 3. EMISSIONS BOUNDARY

### Inside the emissions boundary

All emission sources listed in the emissions boundary are part of the carbon neutral claim.

**Quantified** emissions have been assessed as 'attributable processes' that become the product, make the product and carry the product through its life cycle. These have been quantified in the carbon inventory.

**Non-quantified** emissions have been assessed as attributable and are captured within the emissions boundary but are not measured (quantified) in the carbon inventory. All material emissions are accounted for through an uplift factor. Further detail is available at Appendix C.

### Outside the emissions boundary

**Non-attributable** emissions have been assessed as not attributable to a product or service. They can be **optionally included** in the emissions boundary and therefore have been offset, or they can be listed as outside of the emissions boundary (and are therefore not part of the carbon neutral claim). Further detail is available at Appendix D.

The standard defines non-attributable processes as those that are not directly connected to the studied product or service, and thus falling outside the emissions boundary. According to the GHG Protocol standard, these could include, for instance, capital goods and infrastructure, and in some case corporate activity. In this analysis, corporate activity was included, as it is key to the successful delivery of the MobileMuster, and an area in which effective change can be implemented to reduce greenhouse gas emissions.

## Inside emissions boundary

### Quantified

Accommodation and facilities

Air transport

Electricity

ICT services and equipment

Office equipment and supplies

Postage, courier, and freight

Products

Professional services

### Excluded

Office waste

Office water

Rewards production

Collection collateral distribution

### Optionally included

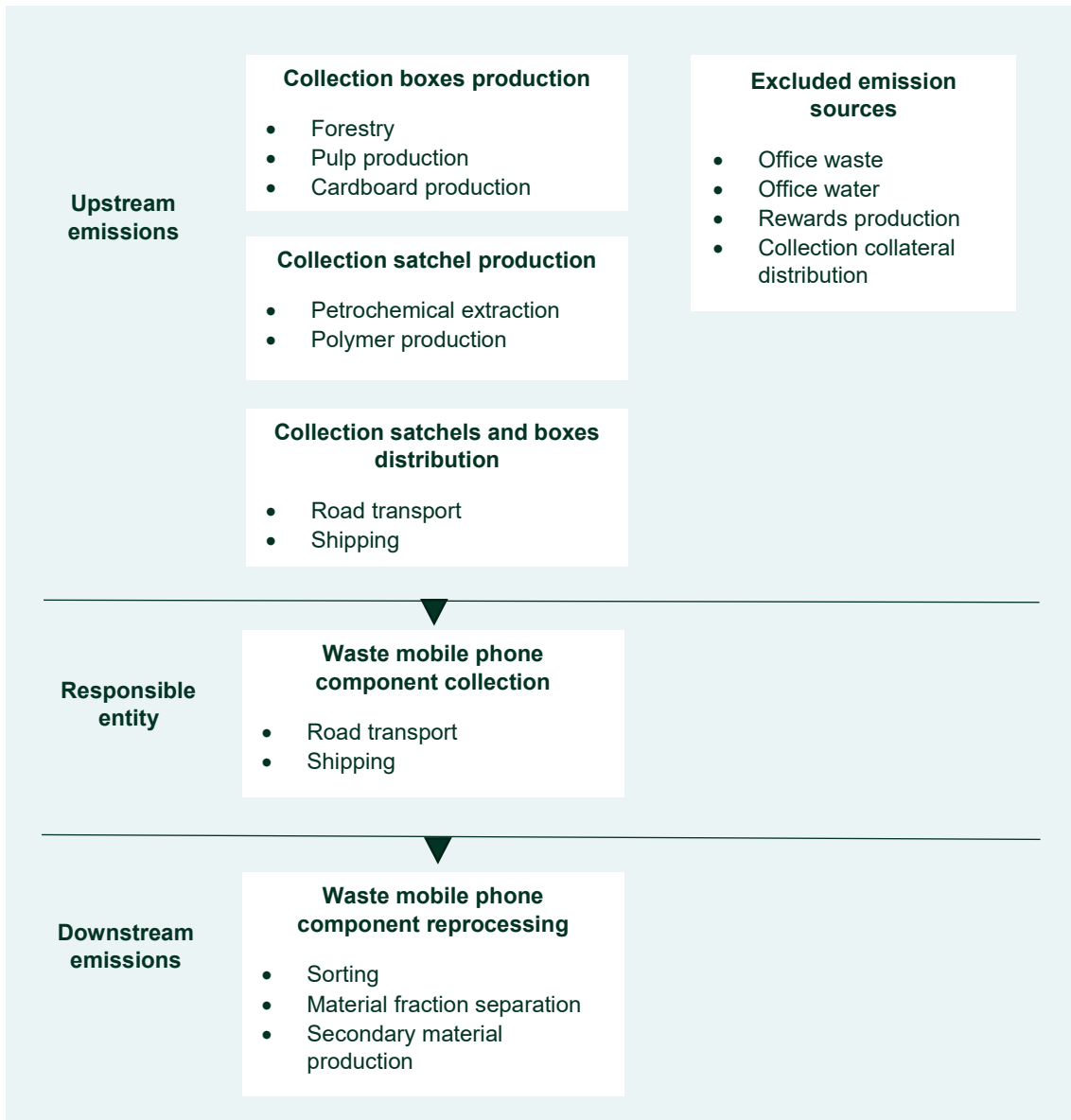
N/A

## Outside emission boundary

### Non-attributable

N/A

## Product/service process diagram



## Data management plan for non-quantified sources

There are no non-quantified sources in the emission boundary that require a data management plan.

## 4. EMISSIONS REDUCTIONS

### Emissions reduction strategy

AMTA, through the work of MobileMuster is constantly looking at process improvement along with how the program introduces more sustainable options in executing the deliverables of the program. This extends to material used in the production of collateral to support our collection infrastructure and material to promote the program.

A number of initiatives currently in place include:

- Using sustainable paper options when printing collaterals, including using recycled content where available and/or FSC approved.
- Moving away from virgin material to produce reply-paid satchels – MobileMuster already uses 80% recycled content with the hope to moving to 100% recycled content.
- Exploring opportunities to close the loop through manufacturing the MobileMuster collection units using plastic recovered from the recycling of mobiles and accessories, and thus eliminating virgin material in the production of these units. This continues to be a work in progress as we are working with several suppliers to help facilitate the manufacturing process onshore.

Emissions reductions may be achieved in many ways, including by:

- increasing energy efficiency (e.g. by employing energy efficient technologies)
- process changes/improvements (e.g. upgrading equipment)
- substituting products or inputs with those that are less emissions intensive (when providing an equivalent performance)
- changing practices to replace emissions intensive activities with those that generate fewer emissions (e.g. replacing business-related flights with teleconferencing).

### Emissions reduction actions

AMTA is committed to working to reduce the carbon footprint of the program and is currently reviewing where changes can be implemented within the operations of the MobileMuster program and what support our key partnerships can provide to helping us achieve this. We would welcome the opportunity to meet with Climate Active to assist us in developing an emissions reduction strategy. We are currently looking to expand the scope of product collected and recycled by the program which we acknowledge would have an impact on the carbon footprint of the program, but at the same time deliver better environmental outcomes for our stakeholders, which include Government, members and consumers.



## 5. EMISSIONS SUMMARY

### Emissions over time

Emissions since base year		Total tCO <sub>2</sub> -e	Emissions intensity of the functional unit
Year 1:	2018–19	278.5	3.311
Year 2:	2019–20	278.5	3.288
Year 3:	2020–21	347.8	3.281

### Significant changes in emissions

As no significant changes occurred in MobileMuster’s mobile phone components waste management system, this carbon account is pro-rated from the previous year’s results, based on total volume collected. Changes in total emissions volumes are therefore linked to:

1. the significant increase in the volume of waste collected by MobileMuster in FY21 compared to FY20; and
2. modifications in the emission factors made available by Climate Active.

Emission source name	Current year (tCO <sub>2</sub> -e and/ or activity data)	Previous year (tCO <sub>2</sub> -e and/ or activity data)	Detailed reason for change
Handset, batteries, and mobile component collected; Non MPC eWaste collected	53,857	43,000	Over the course of the year, MobileMuster has increased its collection volume by 25%, from 84.7 tonnes to 106.1 tonnes. This organic growth explains the variation in emissions
Professional services – Education and training	24,442	19,515	Over the course of the year, MobileMuster has increased its collection volume by 25%, from 84.7 tonnes to 106.1 tonnes. This organic growth explains the variation in emissions
Professional services – Advertising and promotion	169,870	135,625	Over the course of the year, MobileMuster has increased its collection volume by 25%, from 84.7 tonnes to 106.1 tonnes. This organic growth explains the variation in emissions

## Use of Climate Active carbon neutral products and services

No Carbon Neutral products were used.

### Product/Service emissions summary

Stage	tCO2-e
Accommodation and facilities	0.4
Air Transport (km)	3.8
Bespoke – Material reprocessing	53.9
Bespoke – Packaging material	3.2
Electricity	8.2
ICT services and equipment	14.2
Office equipment & supplies	4.4
Postage, courier, and freight	18.7
Products	14.2
Professional Services	227.2

No uplift factors were applied in this assessment.

Emissions intensity per functional unit	3.281
Number of functional units to be offset	106.086
Total emissions to be offset	348

## 6. CARBON OFFSETS

### Offsets strategy

#### 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	348
3. Net offset balance for this reporting period	348
4. Total offsets to be forward purchased to offset the next reporting period	0
5. Total offsets required for this report	348

### Co-benefits

As well as contributing to global climate change mitigation efforts through emission reductions, the project is engaged in several activities that help to preserve the local ecosystem such as regular beach clean ups and guided tours that raise awareness about climate change, pollution and other environmental issues.

The project has also supported the reforestation of 2,400 m<sup>2</sup> of land, which is encouraging local biodiversity.

## Offsets summary

### Proof of cancellation of offset units

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	Quantity (ABUs)	Eligible Quantity (tCO <sub>2</sub> -e)	Quantity used for previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reporting period claim	Percentage of total (%)
<b>Mount Sandy Conservation Project</b> <b>Stapled to</b>	Australian biodiversity units	South Australian Native Vegetation Register	23 Aug 2021	<a href="#">35556-35870</a>	2019	315	0	0	0	0	90.5%
	<b>InfraVest Changbin &amp; Taichung Bundled Wind Farm Project, Taiwan</b>	VER	GSR	23 Aug 2021	<a href="#">GS1-1-TW-GS472-12-2017-6457-181892-182206</a>	2017		315	0	0	
<b>InfraVest bundled Wind Farms Project, Taiwan</b>	VER	GSR	8 Oct 2021	<a href="#">GS1-1-TW-GS1350-12-2019-20375-54494-54529</a>	2019		36	0	5	31	8.9%
<b>InfraVest Changbin &amp; Taichung Bundled Wind Farm Project, Taiwan</b>	VER	GSR	15 Dec 2020	<a href="#">GS1-1-TW-GS472-12-2018-18583-54359-54639</a>	2018		281	279	0	2	0.6%
<i>Total offsets retired this report and used in this report</i>										348	
<i>Total offsets retired this report and banked for future reports</i>									5		
<b>Type of offset units</b>		<b>Quantity (used for this reporting period claim)</b>					<b>Percentage of total</b>				

Verified Emissions Reductions (VERs)

348

100%

## 7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

### Renewable Energy Certificate (REC) Summary

N/A

## APPENDIX A: ADDITIONAL INFORMATION

N/A

# APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a location-based approach.

Market Based Approach Summary			
Market Based Approach	Activity Data (kWh)	Emissions (kgCO2e)	Renewable Percentage of total
Behind the meter consumption of electricity generated	0	0	0%
<b>Total non-grid electricity</b>	<b>0</b>	<b>0</b>	<b>0%</b>
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)	1,724	0	19%
Residual Electricity	7,385	7,925	0%
<b>Total grid electricity</b>	<b>9,109</b>	<b>7,925</b>	<b>19%</b>
<b>Total Electricity Consumed (grid + non grid)</b>	<b>9,109</b>	<b>7,925</b>	<b>19%</b>
Electricity renewables	1,724	0	
Residual Electricity	7,385	7,925	
<b>Exported on-site generated electricity</b>	<b>0</b>	<b>0</b>	
Emission Footprint (kgCO2e)		7,925	
<b>Total renewables (grid and non-grid)</b>	<b>18.93%</b>		
<b>Mandatory</b>	<b>18.93%</b>		
<b>Voluntary</b>	<b>0.00%</b>		
<b>Behind the meter</b>	<b>0.00%</b>		
<b>Residual Electricity Emission Footprint (TCO2e)</b>	<b>8</b>		
<i>Figures may not sum due to rounding. Renewable percentage can be above 100%</i>			
Location Based Approach Summary			
Location Based Approach	Activity Data (kWh)	Emissions (kgCO2e)	
ACT	0	0	
NSW	9,109	8,198	
SA	0	0	
Vic	0	0	
Qld	0	0	



NT	0	0
WA	0	0
Tas	0	0
<b>Grid electricity (scope 2 and 3)</b>	<b>9,109</b>	<b>8,198</b>
ACT	0	0
NSW	0	0
SA	0	0
Vic	0	0
Qld	0	0
NT	0	0
WA	0	0
Tas	0	0
<b>Non-grid electricity (Behind the meter)</b>	<b>0</b>	<b>0</b>
<b>Total Electricity Consumed</b>	<b>9,109</b>	<b>8,198</b>
<b>Emission Footprint (TCO2e)</b>	<b>8</b>	

### Climate Active Carbon Neutral Electricity summary

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO2e)
<a href="#">Enter product name/s here</a>	0	0

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

## APPENDIX C: INSIDE EMISSIONS BOUNDARY

### Non-quantified emission sources

N/A

### Excluded emission sources

Attributable emissions sources can be excluded from the carbon inventory, but still considered as part of the emissions boundary if they meet **all three of the below criteria**. An uplift factor may not necessarily be applied.

1. A data gap exists because primary or secondary data cannot be collected (**no actual data**).
2. Extrapolated and proxy data cannot be determined to fill the data gap (**no projected data**).
3. An estimation determines the emissions from the process to be **immaterial**.

	No actual data	No projected data	Immaterial
Water use (office)	Yes	Yes	Yes
Waste arising (office)	Yes	Yes	Yes
Rewards production	Yes	Yes	Yes
Collection collateral distribution	Yes	Yes	Yes

## APPENDIX D: OUTSIDE EMISSION BOUNDARY

N/A



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