



PUBLIC DISCLOSURE STATEMENT

ENERGETICS

**ORGANISATION AND SERVICE CERTIFICATION
FY2019-20**

Australian Government
Climate Active
Public Disclosure Statement



NAME OF CERTIFIED ENTITY: Energetics
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 blue ink, appearing to read "Mary Stewart".

Date

26 May 2021

Name of Signatory

Mary Stewart

Position of Signatory

Chief Executive Officer



Australian Government
Department of Industry, Science,
Energy and Resources

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1. CARBON NEUTRAL INFORMATION

Description of certification

Energetics takes a comprehensive approach to its carbon neutral commitment. We have included all of our offices across Australia, as well as our entire supply chain. The footprint covers both our organisation as well as the services we provide. By including our entire supply chain within the organisation's footprint boundary, we effectively end up with identical footprints for the organisation and the services we provide.

The functional unit for the services certification is "all consulting services provided by Energetics during the course of one year".

Our carbon neutral account excludes emissions associated with our staff commuting, as these are outside of our operational control, although our offices are located centrally and are easily accessible by public transport. Furthermore, all our offices have space to store bicycles and access to showers.

Energetics' inventory has been prepared based on the "Climate Active Standard for Organisations", "Climate Active Standard for Products and Services" and the "Greenhouse Gas Protocol - A Corporate Accounting and Reporting Standard"¹.

Where available, the inventory covers all six greenhouse gases listed under the Kyoto Protocol:

- Carbon dioxide (CO₂)
- Methane (CH₄)
- Nitrous oxide (N₂O)
- Hydrofluorocarbons (HFCs)
- Perfluorocarbons (PFCs)
- Sulphur hexafluoride (SF₆)

The carbon account is based on an operational control approach, complemented with extensive supply chain data. The Energetics offices included in this account are located in:

- | | |
|-------------|--------------------------------------|
| - Sydney | Level 7, 132 Arthur St, North Sydney |
| - Melbourne | Level 5, 190 Queen St, Melbourne |
| - Perth | Level 3, 182 St Georges Tce, Perth |
| - Brisbane | Level 12, 410 Queen St, Brisbane |

"At Energetics, we believe in 'walking the talk'. In keeping with our values, Energetics has been carbon neutral since June 2008."

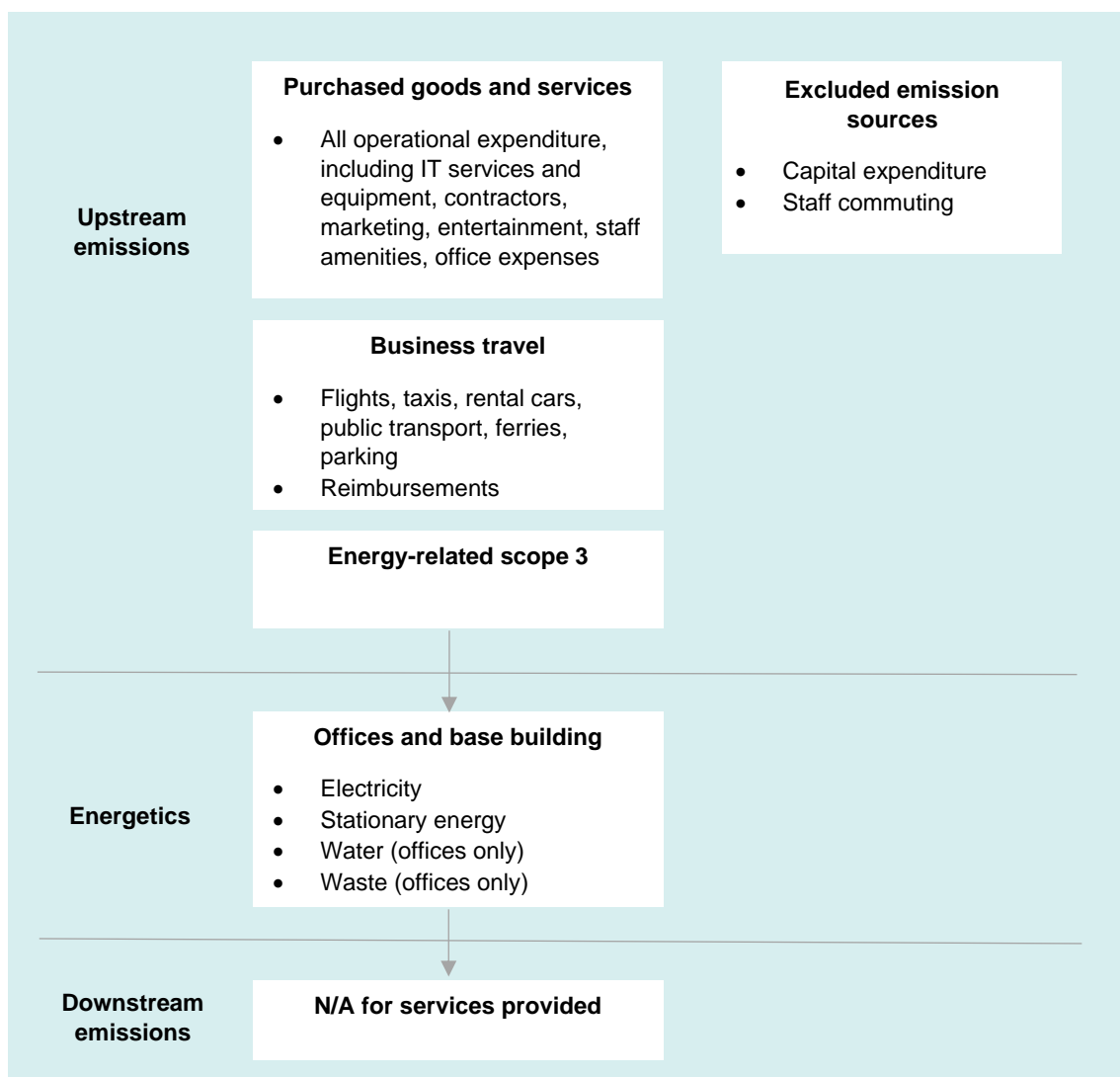
¹ Published by: World Resources Institute and World Business Council for Sustainable Development, March 2004

Organisation description

As a team of passionate, committed climate change and energy management professionals advising some of Australia's largest companies, we believe in 'walking the talk'. In keeping with our values, Energetics has been carbon neutral since June 2008 (since FY18 through the NCOS and Climate Active programs), published sustainability reports in line with Global Reporting Initiative guidelines and supported a number of community causes.

Product/service process diagram

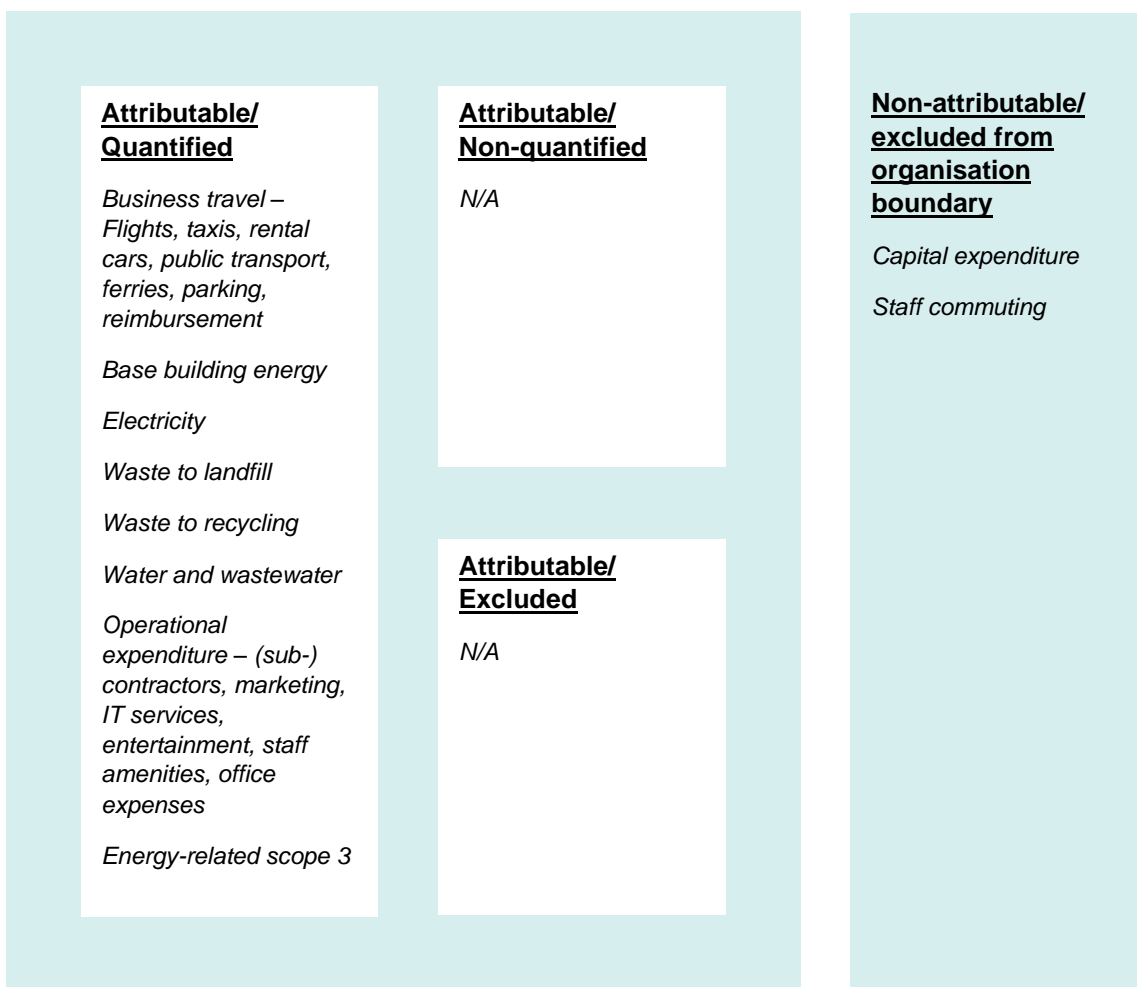
The following diagram shows the cradle-to-gate life cycle stages associated with our services certification. FY20 is the first year of certification for the service.



2. EMISSION BOUNDARY

Diagram of the certification boundary

Energetics has applied a comprehensive system boundary to its organisational boundary including most scope 3 emission sources as shown in the diagram below. All emissions are shared between the organisation and the service. As a result, our organisation and service certification are based on the same certification boundary.



Attributable non-quantified sources

We have not identified any attributable non-quantified emission sources.

Data management plan

A data management plan is not applicable.

Attributable excluded sources (within certification boundary)

We have not excluded any relevant emissions from our organization or service footprint.

Non-attributable sources (outside certification boundary)

The following emission sources have been excluded as non-attributable sources in line with the provisions of the Climate Active Carbon Neutral Standard for Products & Services:

- Capital expenditure emission sources are outside of our operational control and considered not specifically relevant to Energetics' operations.
- Commuting emissions associated with our staff commuting to and from our offices have been excluded as well as these do not meet the relevance test of the Climate Active program.

These emissions are considered non attributable to the service and/or the organisation. This is consistent with industry standard LCAs for construction product, as outlined in the [Product Category Rules \(PCR\) of the International EPD System](#), and has been verified by the Registered Consultant that has compiled our inventory (Rob Rouwette; Energetics).

“Our vision is to be recognised as Australia’s leading specialist management consultancy in transforming organisations for a low-carbon economy. Climate Active is Australia’s best-practice carbon neutral program, and therefore a great fit for Energetics.”

3. EMISSIONS SUMMARY

Emissions reduction strategy

Energetics' carbon footprint is dominated by scope 3 emissions. The major contributors to these emissions are travel for business purposes and the purchase of goods and services. The other material emissions source is office and base building energy consumption.

With this background, Energetics emissions reduction strategy consists of:

- Improve office electricity consumption where we strive to maintain NABERS 5-star rating for our tenancies
 - We have found it challenging to address base building inefficiencies and will continue to work on this.
- Travel and Commuting reduction
 - Improved technology and a preference for phone and video-conferencing over interstate travel where possible, we have a very advanced videoconference infrastructure between all of our offices, and use Skype for Business to support remote working.
- Alignment with providers who offer carbon reduced products and services.

During the COVID-19 pandemic we have invested to facilitate staff working from home. Going forward, we will review our working-from-home policies and expect greater flexibility in working arrangements. We expect a marginal improvement in office electricity use and expect travel emissions will be at a reduced level for the foreseeable future.

We note that, as part of a precautionary approach to developing our inventory, we choose to apply a broad scope of emissions sources (for example by including emissions from banking or legal advisors). As a result, a significant part of our inventory is directly related to business expenditure. Other than reducing business expenditure, there are no clear actions available to directly reduce the associated emissions.

Emissions over time

Table 1

Emissions since base year			
	Base year: 2017-18	Year 1: 2018-19	Current year Year 2: 2019-20
Total t CO ₂ e	833	826	945

Emissions reduction actions

Our emissions in the past year have increased from the previous two years. Although our office electricity emissions went down by more than 20%, our travel emissions (flights) increased by around 20%. Most importantly, a change in emission factor increased our emissions associated with accommodation.

Functional units

Previously we reported the total emissions of our organisation over a financial year. To accommodate service certification, we have defined the functional unit as *the average number of full-time equivalent employees across the organisation*. This allows us to track emissions per employee, which we believe is a reasonable measurement of our service's greenhouse gas intensity.

Table 2

	Number of functional units
<i>a) Number of functional units during this period</i>	66.7
<i>b) Number of functional units to be forward offset demonstrating commitment to carbon neutrality (true-up to be conducted at the end of the reporting period)</i>	66.7

Emissions summary (inventory)

All emissions in the Emissions summary are shared between the organisation (parent) and service (child). 100% of the footprint is covered by the organisation.

Table 3

Emission source category	Organisation / service (tonnes CO ₂ -e)
Accommodation and facilities	111
Air transport	96.7
Construction materials and services	1.87
Electricity (kWh) – location-based method	55.3
Food	30.4
ICT services and equipment	0.65
Land and sea transport	2.10
Machinery and vehicles	25.6
Office equipment and supplies	18.5
Products	0.00

Emission source category	Organisation / service (tonnes CO ₂ -e)
Professional services	447
Taxi and Uber	4.99
Waste	2.17
Water (and wastewater)	0.77
Base building Electricity and Gas (bespoke category)	141
Working from home (bespoke category)	7.00
1. Total inventory emissions	945
2. Emissions per functional unit (based on the number of functional units represented by the inventory) Total t CO ₂ -e divided by the number of functional units in table 1.	14.2
3. Carbon footprint (Emissions per functional unit (2)* number of functional units (a or b from table 2))	945

Uplift factors

No uplift factors have been applied to the total net emissions.

Carbon neutral products

Energetics is not claiming to have used any carbon neutral products.

Electricity summary

Electricity was calculated using a Location-based approach.

Given a decision is still pending on the accounting way forward, a summary of emissions using both measures (market vs location-based) has 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	11,240	0.00
Electricity Carbon Neutral Power	0	0.00
Electricity Remaining	49,191	53.18
Renewable electricity percentage	19%	
<i>Net emissions (Market based approach)</i>		53.18

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 Total	47,328	0.90	42.60
Vic	Electricity Total	5,767	1.12	6.46
Qld	Electricity Total	4,377	0.93	4.07
WA	Electricity Total	2,959	0.74	2.17
	<i>Total net electricity emissions</i>		0.00	55.31

4. CARBON OFFSETS

Offset purchasing strategy: in arrears

Offsets summary

Table 6

1. Total offsets required for this report				945					
2. Offsets retired in previous reports and used in this report				0					
3. Net offsets required for this report				945					
Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Quantity (tonnes CO2-e)	Quantity used in previous report	Quantity banked for future years	Quantity used in this report
West Arnhem Land Fire Abatement (WALFA) project	KACCU	ANREU	10 Feb 2021	3,785,506,522 - 3,785,506,621	2018-19	100	0	0	100
150 MW Solar Project in Karnataka by Avaada Solar	VCUs	Verra	10 Feb 2021	8852-49360767-49361613-VCS-VCU-1491-VER-IN-1-1914-01012020-30062020-0	2020	847	0	2	845
<i>Total offsets retired this report and used in this report</i>									945
<i>Total offsets retired this report and banked for future reports</i>								2	

Co-benefits

The WALGA projects provide employment and training opportunities for local rangers while supporting Aboriginal people in returning to, remaining on and managing their country. Communities are supported in the preservation and transfer of knowledge, the maintenance of Aboriginal languages and the wellbeing of traditional custodians.

The project meets the following Sustainable Development Goals



Furthermore, we chose to support a solar energy project in India, as clean renewable energy can replace or avoid electricity generated by coal-fired power stations in the region. The project also strengthens rural electrification coverage and the roads built during construction of the project improve accessibility for locals. The boost in local employment by people engaged as engineers, maintenance technicians, 24-hr on-site operators and security guards also boosts local economies and village services.

The projects meet the following Sustainable Development Goals



5. USE OF TRADE MARK

For the FY19 reporting period we were certified as a carbon neutral organisation only. We have used the “Certified Organisation” trademark as follows:

Table 7

Description where trademark used	Logo type
Website footer	Certified organisation
Proposals	Certified organisation
Reports	Certified organisation
Presentations	Certified organisation

APPENDIX 1

Non-attributable and excluded emissions for organisations, products and services

To be deemed attributable an emission must meet two of the five relevance criteria. Non-attributable and excluded emissions are detailed below against each of the five criteria.

Table 8

Relevance test					
Non-attributable / 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>
Capital expenditure	Potentially	No	No	No	No
Staff commuting	Yes	No	No	No	No

APPENDIX 2

Non-quantified emissions for organisations, products/services

As we have not identified any non-quantified emissions, this section is not applicable.

Table 9

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>