



PUBLIC DISCLOSURE STATEMENT

SUSSEX TAPS

**ORGANISATION CERTIFICATION
FY 2019-20**

Australian Government
Climate Active
Public Disclosure Statement

S U S S E X



An Australian Government Initiative



NAME OF CERTIFIED ENTITY: Sussex Taps Pty Ltd

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

Date

9/7/21

Name of Signatory

GEORGE KATSANEVAKIS

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

The certification includes the Australian business operations of the company Sussex Taps Pty Ltd (ABN 30 071 163 249) for the period 1 July 2019 to 30 June 2020.

The emissions inventory in this Public Disclosure Statement have been developed in accordance with the Climate Active Carbon Neutral Standard for Organisations.

This reporting period was affected by the exceptional circumstances of Covid-19. As such, Sussex Taps acknowledges that this base year is not completely representative of a business-as-usual year. Future annual emissions may differ to what is reported in the base year due to these circumstances.

“Climate Active certification demonstrates Sussex’s ongoing commitment to our sustainability vision and category leadership in Australia.”

Organisation Description

Sussex Taps manufacture timeless tapware, showers and accessories in Melbourne, Australia. Sussex sources all product components locally, where possible, manufacturing over 400 products in their Melbourne workshop and foundry. A child company, Aquatect Polishing Pty Ltd (ABN 13 118 351 732), is the metal polishing arm of Sussex Taps.

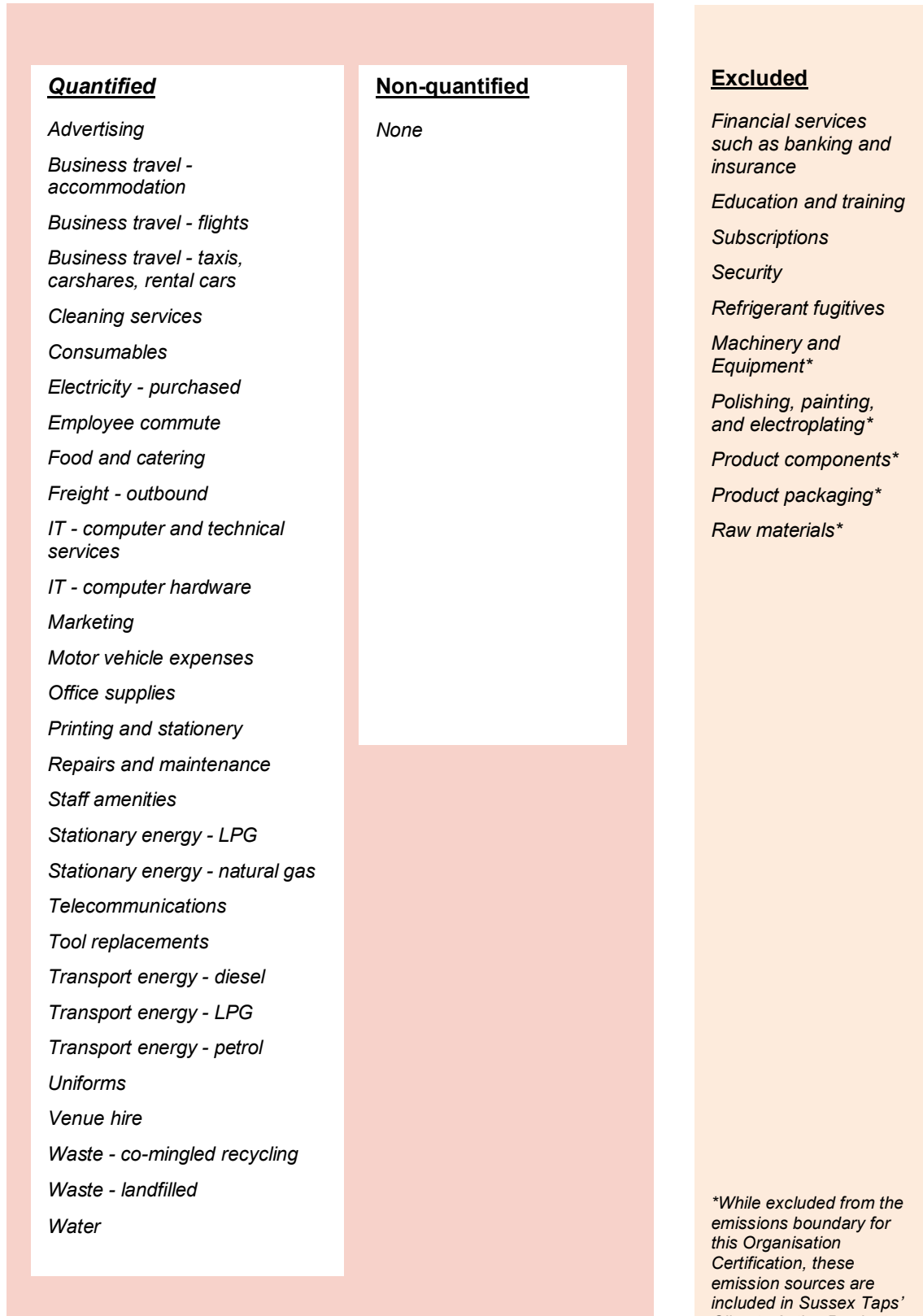
The Sussex story is a family adventure that started in 1960; one with a goal to build an Australian business with sustainability at its heart. Sussex’s purpose is to make beautifully functional products, manufactured entirely in Australia - the right way. The right way starts with a belief that world-class manufacturing begins with respect for people and the environment.

Sussex has a clear vision to make the best products while leaving an Australian-made legacy that creates a sustainable future for our next generation.

Sussex is the first carbon neutral tap manufacturer (this organization certification) and produces the first carbon neutral tap products (refer to our product certification for further details) in Australia under the Climate Active program. Sussex strive to bridge the gap between manufacturing and sustainability in the hope that others will follow their lead.

2. EMISSION BOUNDARY

Diagram of the certification boundary



Non-quantified sources

All relevant sources are quantified.

Data management plan

As all relevant sources are quantified, no data management is required.

Excluded sources (outside of certification boundary)

The following emission sources are excluded from the emissions boundary as they fail to meet two or more of the relevance criteria under the Climate Active Standard:

- Financial services such as banking and insurance
- Education and training
- Subscriptions
- Security
- Refrigerant fugitives
- Machinery and Equipment*
- Polishing, painting, and electroplating*
- Product components*
- Product packaging*
- Raw materials*

* While excluded from the emissions boundary for this Organisation Certification, these emission sources are included in Sussex Taps' Product Certification.

“Carbon neutral certification provides Sussex with the tools and knowledge to continually search for the best opportunities to reduce our impact. We want our customers to understand that we adhere to the strictest Australian sustainability standards, we’re committed to a better Australian future and we encourage our community to take action too.”

3. EMISSIONS SUMMARY

Emissions reduction strategy

Sussex has an unwavering commitment to reducing emissions. This is a central tenant of their interim Emissions Reduction Strategy and has been evidenced by the past completion of many other initiatives.

In 2021, Sussex's focus is to build a medium-long term Emissions Reduction Strategy that will also educate customers and encourage employees to reduce their environmental impacts at work and at home.

The initial initiatives of the Emissions Reduction Strategy include:

- At the time of publication of this PDS, Sussex is the first and only tapware manufacturer certified by Climate Active to reuse all waste metal materials and will continue to reuse all brass and find further ways to repurpose other wastes.
- Sussex is working with retail suppliers to improve the sustainability of their product-replated waste from packaging through investigating lower footprint options.
- Sussex commits to carrying out a yearly product analysis to ensure that its waste reduction measures are materially reducing waste year on year. Reviewing the entire production process; from reducing labels, phasing out Styrofoam packaging to printing brochures in-house; in the next two years Sussex's business goals are:
 - 5% less packaging per annum
 - 10% less landfill per annum
 - >85% of all materials recycled per annum
- Continue to increase energy efficiency by reviewing and adjusting lighting, water, machinery and appliances, wherever possible to seek renewable energy sources. Sussex's emissions reduction goal for the next two years is:
 - 5% less water usage per annum
 - 10% less electricity usage per annum

Emissions summary (inventory)

Table 1

Emission source category	tonnes CO ₂ -e
Advertising	5.95
Business travel - accommodation	1.74
Business travel - flights	88.60
Business travel - taxis, carshares, rental cars	22.36
Cleaning services	3.92
Consumables	2.97
Electricity - purchased	554.17
Employee commute	56.70
Food and catering	5.26
Freight - outbound	99.16
IT - computer and technical services	12.14
IT - computer hardware	13.09
Marketing	77.65
Motor vehicle expenses	16.42
Office supplies	3.31
Printing and stationery	35.37
Repairs and maintenance	26.64
Staff amenities	6.91
Stationary energy - LPG	5.43
Stationary energy - natural gas	13.81
Telecommunications	4.26
Transport energy - diesel	40.25
Transport energy - LPG	2.76
Transport energy - petrol	5.21
Uniforms	0.19
Venue hire	0
Waste - co-mingled recycling	0
Waste - landfilled	28.33
Water	0.60
<i>Total Net Emissions</i>	<i>1,133.21</i>

Uplift factors

Not applicable.

Carbon neutral products

Sussex Taps are not currently supplied with any carbon neutral products.

Electricity summary

Electricity was calculated using a Market-based approach.

Market-based approach electricity summary

Table 2

Electricity inventory items	kWh	Emissions (tonnes CO ₂ e)
Electricity Renewables	188,519	0.00
Electricity Carbon Neutral Power	0	0.00
Electricity Remaining	394,582	426.58
Renewable electricity percentage	31%	
<i>Net emissions (Market based approach)</i>		426.58

Location-based summary

Table 3

State/ Territory	Electricity Inventory items	kWh	Full Emission factor (Scope 2 +3)	Emissions (tonnes CO ₂ e)
Vic	Electricity Renewables	91,132	-1.12	-102.1
Vic	Electricity Carbon Neutral Power	-	-1.12	0.0
Vic	Netted off (exported on-site generation)	31,618	-1.02	-32.3
Vic	Electricity Total	614,719	1.12	688.49
	<i>Total net electricity emissions (Location based)</i>		0.00	554.17

4. CARBON OFFSETS

Offset purchasing strategy: in arrears

Offsets summary

Table 4

1. Total offsets required for this report				1,133					
2. Offsets retired in previous reports and used in this report				0					
3. Net offsets required for this report				1,133					
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
Wind Farms in Karnataka, India (project ID: CER-IN-1299)	VCUs	CER	11 May 2021	238,768,321 - 238,770,022 (See Appendix 3 for registry retirement information)	CP2	1,702	0	569	1,133
Total offsets retired this report and used in this report							1,133		
Total offsets retired this report and banked for future reports							569		

Co-benefits

EXTRAORDINARY IMPACT

OFFSET PROJECT
CATEGORY OVERVIEW

Across India, wind farms introduce clean energy to the grid which would otherwise be generated by coal-fired power stations. Wind power is clean in two ways: it produces no emissions and also avoids the local air pollutants associated with fossil fuels. Electricity availability in the regions have been improved, reducing the occurrence of blackouts across the area.

The projects support national energy security and strengthen rural electrification coverage. In constructing the turbines new roads were built, improving accessibility for locals. The boost in local employment by people engaged as engineers, maintenance technicians, 24-hour 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

Table 6

Description where trademark used	Logo type
Website	Certified organisation
Marketing materials	Certified organisation
Social media	Certified organisation
Sustainability report	Certified organisation
Business card	Certified organisation
Email signature	Certified organisation

6. ADDITIONAL INFORMATION

Our sustainability commitments began in 2013, with a full energy audit and lean manufacturing audit across the business to identify how we could improve year on year.

Since then, the below initiative continued to drive our sustainability agenda:

- 2013:** Waste Audit: identified 89.5 m3 /year waste to landfill
- 2014:** Factory LED lighting upgrade led to 40% in greenhouse gas emissions or 30.7 tonnes/year greenhouse gas savings
- 2015:** 3kW Frigel air cooler installed at foundry site. 90% energy saving costs, improved metal melting rates by 7%. This upgrade has led 33.2 tonnes/year greenhouse gas savings
- Upgraded to energy efficient variable speed drive Nitrogen Generator.
- 2016:** Foundry and polishing plant LED lighting upgrade has led 30 tonnes/year greenhouse gas savings
- Became a member of the Victorian Government Climate Change TAKE 2 Pledge Program to take action on climate change
- 2017:** Power Factor Correction Equipment installed
- 2018:** Installed 100kW of solar panels to reduce factory greenhouse emissions by 131 tonnes or 30% reduction in the sites greenhouse gas emissions
- 2019:** Installation of an energy efficient office heating and cooling system. Reduced energy use and greenhouse gas emissions by at least 15%
- 2020:** In the last year, we have already reduced our greenhouse gas emissions by >30% through the installation of LED energy efficient lighting to our fourth facility, and an additional 170kW of Solar to reduce our emissions by 50%.
- Installation of LED energy efficient lighting to fourth facility. Reduced lighting energy use and greenhouse gas emissions by at least 30%
- Installing an additional 170kW of Solar to reduce current greenhouse emissions by 50%

To support our ongoing sustainability goals, we have achieved recognition and awards in the following categories:

- 2015:** SUSTAINABILITY AND ENVIRONMENTAL AWARD WINNER
- NORTHERN BUSINESS ACHIEVEMENT AWARD FOR EXCELLENCE

2017: CITY OF HUME BUSINESS AWARD - SUSTAINABILITY CATEGORY (GOLD)

DRIVEN X DESIGN AWARD - SCALA COLLECTION

TAKE2 MEMBER VICTORIAN GOVERNMENT CLIMATE CHANGE PLEDGE PROGRAM

2018: HOUSES AWARDS - SUSTAINABILITY SPONSOR

HOUSES AWARDS - ONGOING (2019, 2020, AND BEYOND)

2019: CITY OF HUME BUSINESS AWARD - SUSTAINABILITY CATEGORY (FINALIST)

2020: APPROVED SUPPLIER TO VICTORIAN GOVERNMENT "BUY RECYCLED DIRECTORY"

APPROVED "AUSTRALIAN MADE AND OWNED" TRADEMARK

DESIGN FILES X LAMINEX

Sussex has further cemented our commitment to sustainability and environmental, financial and corporate responsibility by getting involved with sustainability-focussed forums. We also support sustainability in our industry through tours, sponsoring awards and partnering with Government groups. These include:

- Speaking at Victorian Manufacturing Showcase
- Speaking at National Manufacturing Week
- Speaking to students at Secondary Schools in Melbourne
- Hosting sustainability Panels
- Sponsoring Sustainability Awards (Houses Awards)
- Factory site tour and presentation for government, students, architect and designers
- Partnering with Sustainability Victoria to develop a YouTube video called "Investing in energy efficiency at Sussex Taps" to promote the benefits of business energy efficiency.

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 7

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>
Financial services such as banking and insurance	✗	✗	✓	✗	✗
Machinery and Equipment*	✗	✗	✓	✗	✗
Polishing, painting and electroplating*	✗	✗	✓	✗	✗
Product components*	✗	✗	✓	✗	✗
Product packaging*	✗	✗	✓	✗	✗
Education and training	✗	✗	✓	✗	✗
Subscriptions & periodicals	✗	✗	✓	✗	✗
Raw materials*	✗	✗	✓	✗	✗
Refrigerant fugitives	✗	✗	✗	✓	✗
Security	✗	✗	✓	✗	✗

* While excluded from the emissions boundary for this Organisation Certification, these emission sources are included in Sussex Taps' Product Certification.

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 8

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>
n/a	-	-	-	-

APPENDIX 3



Australian National Registry of Emissions Units

ANREU Home

Account Holders

Accounts

Unit Position Summary

Projects

Transaction Log

CER Notifications

Public Reports

My Profile

Transaction Details

Transaction details appear below.

Transaction Successfully Approved

Transaction ID

AU18368

Current Status

Sending (01)

Status Date

11/05/2021 18:19:22 (AEST)

11/05/2021 08:19:22 (GMT)

Transaction Type

Cancellation (4)

Transaction Initiator

Transaction Approver

Comment

Cancelled on behalf of Sussex Taps to meet its organisational and product carbon neutral claims against the Climate Active Carbon Neutral Standard for FY20.

Transferring Account

Account Number

AU-2734

Account Name

Tasman Environmental Markets Pty Ltd

Account Holder

Tasman Environmental Markets Pty Ltd

Acquiring Account

Account Number

AU-2764

Account Name

Voluntary Cancellation – CP2

Account Holder

Commonwealth of Australia

Transaction Blocks

Party	Type	Transaction Type	Original CP	Current CP	ERF Project ID	NGER Facility ID	NGER Facility Name	Safeguard	Kyoto Project #	Vintage	Expiry Date	Serial Range	Quantity
IN	CER	Kyoto Voluntary Cancellation	2	2					IN-1299			238,768,321 - 238,770,022	1,702

Logged in as: Andrew Grant / Industry User

Sussex Taps

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