



## Climate Change 2017 Information Request Coca-Cola Amatil

### Module: Introduction

#### Page: Introduction

##### CC0.1

###### Introduction

Please give a general description and introduction to your organization.

Coca-Cola Amatil ("Amatil") is the power behind our region's favourite brands. Operating across six countries – Australia, New Zealand, Indonesia, Papua New Guinea, Fiji and Samoa – we manufacture, distribute and sell an unrivalled range of iconic ready-to-drink non-alcoholic and alcoholic beverages, coffee and ready-to eat food snacks. With more than 100 years of experience, we are proud of the products we make that delight millions of people every day.

We employ around 14,000 people and create thousands more jobs in the communities in which we operate. Our product range includes non-alcoholic sparkling beverages, spring water, sports and energy drinks, fruit juices, iced tea, flavoured milk, coffee, tea, beer, cider, spirits and ready-to-eat fruit and vegetable snacks and products.

With access to more than 270 million potential consumers through more than 850,000 active customers, we are committed to leading through innovation and building a sustainable future where we are best positioned to capture growth and deliver long-term value to our shareholders.

##### CC0.2

###### Reporting Year

Please state the start and end date of the year for which you are reporting data.

The current reporting year is the latest/most recent 12-month period for which data is reported. Enter the dates of this year first.

We request data for more than one reporting period for some emission accounting questions. Please provide data for the three years prior to the current reporting year if you have not provided this information before, or if this is the first time you have answered a CDP information request. (This does not apply if you have been offered and selected the option of answering the shorter questionnaire). If you are going to provide additional years of data, please give the dates of those reporting periods here. Work backwards from the most recent reporting year.

Please enter dates in following format: day(DD)/month(MM)/year(YYYY) (i.e. 31/01/2001).

Enter Periods that will be disclosed  
Fri 01 Jan 2016 - Sat 31 Dec 2016

##### CC0.3

###### Country list configuration

Please select the countries for which you will be supplying data. If you are responding to the Electric Utilities module, this selection will be carried forward to assist you in completing your response.

Select country

##### CC0.4

###### Currency selection

Please select the currency in which you would like to submit your response. All financial information contained in the response should be in this currency.

AUD (\$)

##### CC0.6

###### Modules

As part of the request for information on behalf of investors, companies in the electric utility sector, companies in the automobile and auto component manufacturing sector, companies in the oil and gas sector, companies in the information and communications technology sector (ICT) and companies in the food, beverage and tobacco sector (FBT) should complete supplementary questions in addition to the core questionnaire.

If you are in these sector groupings, the corresponding sector modules will not appear among the options of question CC0.6 but will automatically appear in the ORS navigation bar when you save this page. If you want to query your classification, please email [respond@cdp.net](mailto:respond@cdp.net).

If you have not been presented with a sector module that you consider would be appropriate for your company to answer, please select the module below in CC0.6.

##### Further Information

### Module: Management

#### Page: CC1. Governance

##### CC1.1

###### Where is the highest level of direct responsibility for climate change within your organization?

Board or individual/sub-set of the Board or other committee appointed by the Board

##### CC1.1a

###### Please identify the position of the individual or name of the committee with this responsibility

Chair of the Sustainability Committee

##### CC1.2

###### Do you provide incentives for the management of climate change issues, including the attainment of targets?

Yes

CC1.2a

**Please provide further details on the incentives provided for the management of climate change issues**

Who is entitled to benefit from these incentives?	The type of incentives	Incentivized performance indicator	Comment
Environment/Sustainability managers	Monetary reward	Emissions reduction project Emissions reduction target Energy reduction project Energy reduction target Efficiency project Efficiency target Behavior change related indicator Supply chain engagement	Environment managers and specialists are incentivised upon achievement of KPI's relating to climate indicators such as water, energy, emissions, waste reduction and recycling within the operations for which they are accountable.
Procurement manager	Monetary reward	Energy reduction project Behavior change related indicator Environmental criteria included in purchases Supply chain engagement	Procurement category managers are incentivised upon achievement of KPI's relating to spend reductions, procurement of goods and services compliant with Amatil's supplier guiding principles and sustainable procurement guidelines and engagement of other personnel in the business who procure goods and services on their behalf (typically smaller purchases). More detail on supplier requirements can be found at this link: <a href="https://www.ccamatil.com/doing-business-with-cca/responsible-sourcing">https://www.ccamatil.com/doing-business-with-cca/responsible-sourcing</a>
Chief Executive Officer (CEO)	Monetary reward	Behavior change related indicator	Amatil's Group Leadership team headed by Group Managing Director Alison Watkins are incentivised upon achievement of many business indicators including those related to sustainability, more detail on the delivery of these objectives can be in Amatil's sustainability framework at the following link. <a href="https://www.ccamatil.com/our-contribution">https://www.ccamatil.com/our-contribution</a>

Further Information

Page: CC2. Strategy

CC2.1

**Please select the option that best describes your risk management procedures with regard to climate change risks and opportunities**

Integrated into multi-disciplinary company wide risk management processes

CC2.1a

**Please provide further details on your risk management procedures with regard to climate change risks and opportunities**

Frequency of monitoring	To whom are results reported?	Geographical areas considered	How far into the future are risks considered?	Comment
Six-monthly or more frequently	Board or individual/sub-set of the Board or committee appointed by the Board	All operating territories of Coca-Cola Amatil across all business units	3 to 6 years	Sustainability and climate related risks are monitored and reported to the Amatil Board on a quarterly basis in line with all other business risk monitoring and management processes. All countries within the Amatil Group are included in reviews and all businesses within those countries are included, i.e. beverages, alcohol and coffee and food and services.

CC2.1b

**Please describe how your risk and opportunity identification processes are applied at both company and asset level**

From the Board to the Group Leadership Team, Group Functions to the Businesses, Amatil is committed to continual improvement and acting responsibly to support a better future for all our stakeholders. We understand that to do this we must take an integrated approach to decision making, ensuring that we understand the impact our decisions and actions have on the environment, our people, our communities and consumer wellbeing. The Coca-Cola Amatil Board is committed to achieving the highest standards of corporate governance and business conduct. The Board sees this commitment as fundamental to the sustainability and performance of our business and to enhancing shareholder value.

The Sustainability Committee of the Board reviews the effectiveness of Coca-Cola Amatil's controls and strategies to manage our non-financial and operational risks and compliance matters by:

- reviewing and monitoring compliance with our legal and regulatory responsibilities, internal policies and industry standards on operational matters
- approving policies and standards that reflect our reputation
- reviewing and monitoring social issues that could impact our reputation
- reviewing Coca-Cola Amatil's non-financial and operational risks and controls

Management decisions in relation to sustainability are made by the Group Managing Director, Group Leadership Team and individual members of management who have direct authority. Across the Group Functions and within each business, health, safety, supply chain, environment, human resources, and public affairs and communications teams are responsible for the day-to-day implementation, management, monitoring and reporting of specific initiatives.

CC2.1c

**How do you prioritize the risks and opportunities identified?**

Direct and open engagement occurs with stakeholders at each level of the organisation with supportive, open and constructive dialogue. Engaging with our investors, customers, consumers, employees, community groups, suppliers, regulators and NGOs provides us with insights into concerns and aspirations that inform our business plans and the ways in which we conduct our operations.

We use this approach through a number of different channels of communication to inform our sustainability materiality assessment and prioritise risks to the business in

the area of climate change the following areas have been identified as material to Amatil: Water Stewardship, Responsible Sourcing, Packaging & Recycling, Manufacturing, Distribution, Refrigeration and Biodiversity.

#### CC2.2

##### Is climate change integrated into your business strategy?

Yes

#### CC2.2a

##### Please describe the process of how climate change is integrated into your business strategy and any outcomes of this process

Management decisions in relation to sustainability including climate change are made by the Group Managing Director, Group Leadership Team and individual members of management who have direct authority. Across the Group Functions and within each business, health, safety, supply chain, environment, human resources, and public affairs and communications teams are responsible for the day-to-day implementation, management, monitoring and reporting of specific initiatives.

Our Group strategy is delivering real progress in the overall performance of our business. At the same time, we are committed to improving our sustainability performance and reporting. The relationships and partnerships we have with our people, customers, consumers and communities are essential for the long-term health of our business. We want to ensure our approach to sustainability meets the expectations of our stakeholders. To achieve this, we are committed to more frequently reviewing material aspects identified for future sustainability reporting, the way we measure our future performance, and our future commitments for continual improvement.

#### CC2.2c

##### Does your company use an internal price on carbon?

No, and we currently don't anticipate doing so in the next 2 years

#### CC2.3

##### Do you engage in activities that could either directly or indirectly influence public policy on climate change through any of the following? (tick all that apply)

Direct engagement with policy makers  
Trade associations

#### CC2.3a

##### On what issues have you been engaging directly with policy makers?

Focus of legislation   Corporate Position   Details of engagement   Proposed legislative solution

#### CC2.3b

##### Are you on the Board of any trade associations or provide funding beyond membership?

Yes

#### CC2.3c

##### Please enter the details of those trade associations that are likely to take a position on climate change legislation

Trade association	Is your position on climate change consistent with theirs?	Please explain the trade association's position	How have you, or are you attempting to, influence the position?
Business Council of Australia	Consistent	The Business Council of Australia's position on climate change and energy policy is as follows: Energy can be a comparative advantage for Australia's economy for many years to come, but we need a clear and comprehensive suite of policies to realise our energy future. The Federal Government's Energy White Paper and the global agreement at the Paris climate change talks set out a range of energy challenges for our economy. The Business Council of Australia is developing a suite of integrated energy and climate change policies to meet Australia's 2030 emissions reduction target and transform the energy sector. Underpinning this work is our vision for Australia's energy future, and policy principles to realise that vision, which aim to provide a stable and predictable environment for investment and business activity and lock in energy as a comparative advantage. Our energy vision requires the Australian Government's national energy policy to: <ul style="list-style-type: none"> <li>• maximise Australia's competitiveness through efficient markets</li> <li>• drive growth in our energy resources development and exports</li> <li>• deliver reliable, efficient and competitively-priced energy to households and business</li> <li>• realise these growth opportunities while meeting best practice environmental standards and managing Australia's greenhouse gas emissions in line with our 2030 emissions reduction target.</li> </ul>	We contribute our perspective and influence the overall BCA position and also as an influential in our own right we communicate our position on climate change very clearly in the Coca-Cola Amatil Group Sustainability Report.

#### CC2.3f

##### What processes do you have in place to ensure that all of your direct and indirect activities that influence policy are consistent with your overall climate change strategy?

Within Coca-Cola Amatil Group, Sustainability and Government Relations / Public Policy are within the same function, so that our participation and contribution to public policy development is aligned with our sustainability framework including the environment pillar and climate change activities. Any position put forward by Amatil to public policy discussions on climate change are developed in consultation with the custodians of our climate change strategy and endorsed by Executives with responsibility for managing our climate change programs.

#### Further Information

Page: **CC3. Targets and Initiatives**

CC3.1

**Did you have an emissions reduction or renewable energy consumption or production target that was active (ongoing or reached completion) in the reporting year?**

Intensity target

CC3.1b

**Please provide details of your intensity target**

ID	Scope	% of emissions in scope	% reduction from base year	Metric	Base year	Normalized base year emissions covered by target	Target year	Is this a science-based target?	Comment
Int1	Scope 1+2 (location-based)	14%	25%	Metric tonnes of CO2e per liter of product	2010		2020	No, and we do not anticipate setting one in the next 2 years	This intensity target relates to the emissions attributable to manufacture of our products within our factories. This includes all onsite fuel and electricity use in conversion of raw materials into finished goods ready for distribution. We estimate that manufacturing is 14% of the total emissions profile of Amatil's beverage products across the value chain, more information can be found in the Coca-Cola Amatil sustainability report (Manufacturing section) located on the Amatil website here: <a href="https://www.ccamatil.com/our-contribution/reporting">https://www.ccamatil.com/our-contribution/reporting</a>
Int2	Scope 3: Purchased goods & services	24%	25%	Metric tonnes of CO2e per billion (currency) funds under management	2010		2020	No, and we do not anticipate setting one in the next 2 years	This intensity target relates to the emissions attributable to primary and secondary packaging materials used in Amatil products. This includes all PET and glass bottles, aluminium cans, closures, labels and cartons or other case packaging materials. We estimate that packaging is 24% of the total emissions profile of Amatil's beverage products across the value chain, more information can be found in the Coca-Cola Amatil sustainability report (Sustainable Packaging and Recycling section) located on the Amatil website here: <a href="https://www.ccamatil.com/our-contribution/reporting">https://www.ccamatil.com/our-contribution/reporting</a>
Int3	Scope 3: Processing of sold products	42%	25%	Metric tonnes of CO2e per liter of product	2010		2020	No, and we do not anticipate setting one in the next 2 years	This intensity target relates to the emissions attributable to the refrigeration of finished goods by Amatil customers prior to consumption by our consumers in coolers, vending machines or post-mix dispensers. This includes all electricity consumed by the units placed in a customers premises and the fugitive emissions of the refrigerant gases used within each unit. We estimate that refrigeration is 42% of the total emissions profile of Amatil's beverage products across the value chain, more information can be found in the Coca-Cola Amatil sustainability report (Cold Drink Equipment - Refrigeration section) located on the Amatil website here: <a href="https://www.ccamatil.com/our-contribution/reporting">https://www.ccamatil.com/our-contribution/reporting</a>
Int4	Scope 3: Downstream transportation and distribution	6%	25%	Metric tonnes of CO2e per liter of product	2010		2020	No, and we do not anticipate setting one in the next 2 years	This intensity target relates to the emissions attributable to the distribution of finished goods by Amatil and all third party logistics (3PL) providers engaged on our behalf to deliver finished product to our customers. This includes all fuels consumed in the process. We estimate that distribution is 6% of the total emissions profile of Amatil's beverage products across the value chain, more information can be found in the Coca-Cola Amatil sustainability report (Distribution section) located on the Amatil website here: <a href="https://www.ccamatil.com/our-contribution/reporting">https://www.ccamatil.com/our-contribution/reporting</a>
Int5	Scope 3: Purchased goods & services	14%	25%	Metric tonnes of CO2e per liter of product	2010		2020	No, and we do not anticipate setting one in the next 2 years	This intensity target relates to the emissions attributable to the purchase of agricultural ingredients by Amatil used in the manufacture of our products. This includes ingredients such as sugar, carbon dioxide, fruit, juices, coffee, etc.. We estimate that ingredients are 14% of the total emissions profile of Amatil's beverage products across the value chain, more information can be found in the Coca-Cola Amatil sustainability report (Responsible Sourcing section) located on the Amatil website here: <a href="https://www.ccamatil.com/our-contribution/reporting">https://www.ccamatil.com/our-contribution/reporting</a>

CC3.1c

**Please also indicate what change in absolute emissions this intensity target reflects**

ID	Direction of change anticipated in absolute Scope 1+2 emissions at target completion?	% change anticipated in absolute Scope 1+2 emissions	Direction of change anticipated in absolute Scope 3 emissions at target completion?	% change anticipated in absolute Scope 3 emissions	Comment
Int1	No change	0	Decrease		Whilst no measurement has been made to quantify absolute emissions reductions related to this intensity target it is expected to decrease agriculture related emissions through its implementation by improving sustainable farming practices.
Int2	Decrease		Decrease		Whilst no measurement has been made to quantify absolute emissions reductions related to this intensity target it is expected to decrease packaging related emissions through its implementation by virtue of a reduction in PET, aluminium, glass and fibreboard used in the production of Amatil's finished goods.
Int3	Decrease		No change	0	Whilst no measurement has been made to quantify absolute emissions reductions related to this intensity target it is expected to decrease manufacturing related emissions through its implementation with increases in energy efficiency at production sites and the integration of renewable energy sources such as solar PV.
Int4	Decrease		Decrease		Whilst no measurement has been made to quantify absolute emissions reductions related to this intensity target it is expected to decrease distribution related emissions through its implementation with increases in fuel efficiency of both owned and third party logistics fleet operations whether through driving practices, route optimisation or flexible delivery schedules.
Int5	No change	0	Decrease		Whilst no measurement has been made to quantify absolute emissions reductions related to this intensity target it is expected to decrease refrigeration related emissions through its implementation with increases in energy efficiency of all cold drink equipment supplied to Amatil's customers and a shift to natural refrigerants with significantly lower GWP's than standard HFC's.

CC3.1e

**For all of your targets, please provide details on the progress made in the reporting year**

ID	% complete (time)	% complete (emissions or renewable energy)	Comment
Int1	72%	50%	Amatil launched its Responsible Sourcing Guidelines in 2016 and quickly achieved a coverage of 72% of spend across all procurement categories. Each supplier assessed has received feedback on their performance and where necessary has begun a corrective action plan to close gaps from present performance to a minimum agreed level with Amatil. Further assessments are planned in the following years to increase spend coverage and performance of suppliers
Int2	80%	90%	Amatil has worked continually on packaging sustainability and innovation since the mid 2000's and has commercialised best in class innovations in PET bottle, aluminium can, glass bottle and carton light-weighting and use of renewable materials. This focus continues with all new packs now benchmarked against the guidelines developed since the programs inception.
Int3	40%	40%	Energy efficiency has also been a continual focus for Amatil's production plants and distribution centres as major consumers of energy within the supply chain. Particular emphasis has been placed on compressed air use, steam and hot water use and refrigeration. The use of large scale renewable for manufacturing has not yet been fully explored but is in the planning phase at present.
Int4	50%	50%	Distribution emissions are being targeted through fleet optimisation activities in conjunction with major third party logistics suppliers across the areas of fuel efficiency, route optimisation and flexible delivery schedules. Presently two major projects are focussed on this element of Amatil's business.
Int5	80%	85%	As with packaging cold drink equipment (refrigeration) has been a long term focus for Amatil. Through global procurement forums Amatil has been able to secure significant step changes in the energy efficiency of each type of cooler / vender and is now focussing on the integration of natural refrigerants to replace the present HFC's to further lower emissions intensity of high GWP materials.

CC3.2

**Do you classify any of your existing goods and/or services as low carbon products or do they enable a third party to avoid GHG emissions?**

Yes

CC3.2a

**Please provide details of your products and/or services that you classify as low carbon products or that enable a third party to avoid GHG emissions**

Level of aggregation	Description of product/Group of products	Are you reporting low carbon product/s or avoided emissions?	Taxonomy, project or methodology used to classify product/s as low carbon or to calculate avoided emissions	% revenue from low carbon product/s in the reporting year	% R&D in low carbon product/s in the reporting year	Comment
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Level of aggregation	Description of product/Group of products	Are you reporting low carbon product/s or avoided emissions?	Taxonomy, project or methodology used to classify product/s as low carbon or to calculate avoided emissions	% revenue from low carbon product/s in the reporting year	% R&D in low carbon product/s in the reporting year	Comment
Group of products	Cold Drink Equipment inclusive of single and multi-door coolers supplied to customers for chilled beverage supply to consumers from their premises, vending machines and post-mix beverage delivery units typically found in some restaurants, hotels and cafes. these units can be classified as avoiding emissions from reduced grid electricity consumption and lower GWP refrigerants used as refrigerant gases.	Avoided emissions	Other: Internal product testing and evaluation			Avoided emissions from Amatil's Cold Drink Equipment (CDE) is derived from the increase in each units energy efficiency by up to 78% since 2010 meaning, each unit now consumes significantly less kWh per day of grid electricity. Similarly, new units now being rolled out contain natural refrigerants rather than more traditional artificial ones (such as R134a) than have a significantly lower Global Warming Potential (GWP). More detail can be found in the Cold Drink Equipment (Refrigeration) section of the Amatil Sustainability report: <a href="https://www.camatil.com/our-contribution/reporting">https://www.camatil.com/our-contribution/reporting</a>
Group of products	Primary packaging materials, primarily PET bottles, HDPE closures for bottles and aluminium cans. Light-weighting of these packages to reduce total plastic or metal content and inclusion of recycled material content in each type. These package types in using less materials for the same bottle or can size than previous iterations now have less embedded emissions through savings in per unit content and inclusion of lower embedded emissions recycled content.	Low carbon product	Other: Internal product testing and evaluation	93%	More than 10% but less than or equal to 20%	Low carbon packaging is developed through in-house packaging innovation specialists who design and specify fit for purpose packs that are best in class in terms of both total pack weight and inclusion of recycled content. One example of continual improvement in development of low carbon packaging is a 600mL water bottle which has reduced embedded emissions (through a combination of light-weighting and recycled content) by over 40% since 1997. More information can be found in the Sustainable Packaging and Recycling section of the Amatil Sustainability report: <a href="https://www.camatil.com/our-contribution/reporting">https://www.camatil.com/our-contribution/reporting</a>

## CC3.3

**Did you have emissions reduction initiatives that were active within the reporting year (this can include those in the planning and/or implementation phases)**

Yes

## CC3.3a

**Please identify the total number of projects at each stage of development, and for those in the implementation stages, the estimated CO2e savings**

Stage of development	Number of projects	Total estimated annual CO2e savings in metric tonnes CO2e (only for rows marked *)
Under investigation	2	26000
To be implemented*	1	10000
Implementation commenced*	1	600
Implemented*	5	12000
Not to be implemented		

## CC3.3b

**For those initiatives implemented in the reporting year, please provide details in the table below**

Activity type	Description of activity	Estimated annual CO2e savings (metric tonnes CO2e)	Scope	Voluntary/Mandatory	Annual monetary savings (unit currency - as specified in CC0.4)	Investment required (unit currency - as specified in CC0.4)	Payback period	Estimated lifetime of the initiative	Comment
Product design	All five implemented projects were packaging innovations that either reduced the total package weight through elimination (redesign using less of the same materials per unit or removal altogether of a part of the pack, e.g. cardboard trays in multi-pack cases of product) or substitution with alternate materials such as the inclusion of rPET (or recycled PET) in	12000	Scope 3	Voluntary				Ongoing	Amatil considers the monetary savings and investment required to be commercially confidential and as such has declined to provide the values derived from project implementation

Activity type	Description of activity	Estimated annual CO2e savings (metric tonnes CO2e)	Scope	Voluntary/ Mandatory	Annual monetary savings (unit currency - as specified in CC0.4)	Investment required (unit currency - as specified in CC0.4)	Payback period	Estimated lifetime of the initiative	Comment
	bottles across the PET range								

CC3.3c

**What methods do you use to drive investment in emissions reduction activities?**

Method	Comment
Dedicated budget for low carbon product R&D	Amatil's dedicated internal resource for packaging innovation are tasked with delivering cost savings for packaging raw materials through a decrease in the use of total materials, substitution of virgin materials for recycled ones and elimination where feasible of secondary materials whilst maintaining the recyclability of packs placed into the market.

Further Information

Page: CC4. Communication

CC4.1

**Have you published information about your organization's response to climate change and GHG emissions performance for this reporting year in places other than in your CDP response? If so, please attach the publication(s)**

Publication	Status	Page/Section reference	Attach the document	Comment
In mainstream reports (including an integrated report) in accordance with the CDSB Framework	Complete	Environment sections		Amatil is unable to attach the document as it is larger than the 5MB limit however, the reports for the current and past years can be found at: <a href="https://www.ccamatil.com/our-contribution/reporting">https://www.ccamatil.com/our-contribution/reporting</a>

Further Information

Module: Risks and Opportunities

Page: CC5. Climate Change Risks

CC5.1

**Have you identified any inherent climate change risks that have the potential to generate a substantive change in your business operations, revenue or expenditure? Tick all that apply**

Risks driven by changes in regulation  
Risks driven by changes in physical climate parameters  
Risks driven by changes in other climate-related developments

CC5.1a

**Please describe your inherent risks that are driven by changes in regulation**

Risk driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
Renewable energy regulation	The Australian Federal Government's Renewable Energy Target (RET) has now been set to 33TWh following a long running and substantive period of review and negotiation, this along with potential new changes to legislation on natural gas availability to the domestic market present pricing risk to Amatil on securing energy supply at previous levels of pricing. Additionally, representatives	Increased operational cost	1 to 3 years	Direct	About as likely as not	Low-medium		Amatil is investigating direct investment in renewable energy for Australian operations through the most appropriate avenue of approach being its own capital investment or a lease instrument such as a Power Purchase Agreement (PPA), on-site or remote installation. Further investigation into energy reduction through efficiency measures for direct savings are also continuing at all major energy	

Risk driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
	from governments in Australia, New Zealand, Indonesia and Papua New Guinea have signed the UN Climate Change Paris agreement. Government representatives from Fiji and Samoa signed and ratified the agreement.							consuming sites. Amatil has invested in a large scale (1.08MW) solar PV system in our Fiji operations and is investigating feasibilities of co-generation and other emissions reducing options in Indonesia and other operations.	

## CC5.1b

Please describe your inherent risks that are driven by changes in physical climate parameters

Risk driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
Change in precipitation extremes and droughts	Water stress exists in areas that include some of Amatil's operations and drought has also previously been declared, in particular in Australia, in these and other areas. Changes in long term annual average rainfalls whether quantity, location or timing can lead to reduced availability of supply to local catchments and impact production of fruit from suppliers to the SPC business in Australia	Reduction/disruption in production capacity	>6 years	Direct	About as likely as not	Medium-high		A comprehensive and independent assessment of the sustainability of all of Amatil's water supplies (including municipal and spring water) has been undertaken for more than a decade to ensure that Amatil can continuously source high quality water supplies as and where needed without adversely impacting other water users in the areas where we operate. Additionally, Amatil's Responsible Sourcing Guidelines enables a clear picture of sustainability risks from individual suppliers, their management plans for identified risks and corrective actions for gaps where known or unknown risks may exist.	
Tropical cyclones (hurricanes and typhoons)	Agricultural commodities such as sugar and coffee are sourced from areas subject to tropical storms within Australia and in part throughout the south east Asian and South Pacific areas. Large scale and high destructive potential storms can	Reduction/disruption in production capacity	Unknown	Indirect (Supply chain)	About as likely as not	Low-medium		Amatil's major agricultural ingredients are commodity based items and are globally traded. Alternate supplies can be sourced effectively on the open market in the event of a major disruption to local or regular supply. Additionally, Amatil's Responsible Sourcing	

Risk driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
	impact supply regions of these commodities.							Guidelines enables a clear picture of sustainability risks from individual suppliers, their management plans for identified risks and corrective actions for gaps where known or unknown risks may exist.	
Tropical cyclones (hurricanes and typhoons)	Amatil's Fijian and Samoa operations exist in regions where tropical storms are prevalent and have the potential to disrupt operations, supply to customers or customers business directly.	Reduction/disruption in production capacity	Unknown	Direct	Unlikely	Medium-high		All operations maintain minimum stock levels to ensure continuity of supply in the event of a disruption to operations (whether it be manufacturing or distribution) so that we can supply where possible in an emergency aid provisions to the community if required. If an operations site is impacted directly alternate supply can be made from other countries in the region to maintain availability until normal conditions return.	

## CC5.1c

Please describe your inherent risks that are driven by changes in other climate-related developments

Risk driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
Reputation	Amatil's reputation in taking action against the effects and impacts of climate change may be influenced by negative perceptions of the businesses performance in managing carbon and other sustainability related business activities	Reduced demand for goods/services	1 to 3 years	Direct	About as likely as not	Low-medium		Amatil's sustainability plan incorporating comprehensive carbon management and reduction activities and a significant sustainable water strategy and actions on managing biodiversity in Indonesia provide assurance to our stakeholders that we recognise and are actively seeking effective ways to manage those risks. For further information please see our Sustainability report: <a href="https://www.ccamatil.com/">https://www.ccamatil.com/</a>	

## Further Information

## Page: CC6. Climate Change Opportunities

## CC6.1

Have you identified any inherent climate change opportunities that have the potential to generate a substantive change in your business operations, revenue or expenditure? Tick all that apply

- Opportunities driven by changes in regulation
- Opportunities driven by changes in physical climate parameters
- Opportunities driven by changes in other climate-related developments

CC6.1a

Please describe your inherent opportunities that are driven by changes in regulation

Opportunity driver	Description	Potential impact	Timeframe	Direct/Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
Product efficiency regulations and standards	Amatil supplies to its customers a range of cold drink equipment for the convenience immediate consumption channel. Changes in use of synthetic refrigerants as well as potential mandates on efficiency of equipment utilising refrigerants will mean Amatil is in a good position to increase value to our customers and own business with the units presently available and continual improvement in future models.	Increased demand for existing products/services	1 to 3 years	Indirect (Supply chain)	About as likely as not	Medium	29-78% lower running costs of Amatil equipment for customers since 2009	This equipment has evolved to improve its energy efficiency significantly since 2009, improving by between 29% and 78% (depending upon the equipment type). Simultaneously we have included a program to replace synthetic refrigerants with lower GWP ones reducing the GWP from over 1300 to <10. These initiatives combine to enable our customers to save money on their electricity consumption in utilising our coolers to supply products to consumers. This includes year on year roll out of new more efficient equipment and replacement of older less efficient units	
Renewable energy regulation	The Renewable Energy Target (RET) now in place in Australia combined with the governments of all Amatil operating countries either signing or signing and ratifying the UN Climate Change Paris Agreement provides further impetus for the business to expand its coverage and investment in renewable energy	Reduced operational costs	1 to 3 years	Direct	Likely	Medium		Amatil is investigating direct investment in renewable energy for Australian operations through the most appropriate avenue of approach being its own capital investment or a lease instrument such as a Power Purchase Agreement (PPA), on-site or remote installation. Initial analysis has shown there is significant cost savings opportunity in sourcing renewable electricity over that directly from the grid through a normal retail contract. Amatil has invested in a large scale (1.08MW) solar PV system in our Fiji	

Opportunity driver	Description	Potential impact	Timeframe	Direct/Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
								operations and is investigating feasibility of co-generation and other emissions reducing options in Indonesia and other operations.	

## CC6.1b

Please describe your inherent opportunities that are driven by changes in physical climate parameters

Opportunity driver	Description	Potential impact	Timeframe	Direct/Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
Induced changes in natural resources	The Coca-Cola Company has financially supported water replenishment projects in northern Queensland in conjunction with sugar cane farmers to reduce impact of irrigation runoff on the Great Barrier Reef.	Wider social benefits	Up to 1 year	Indirect (Supply chain)	Virtually certain	Medium-high		Working with sugar cane farmers in northern Queensland and in conjunction with the World Wildlife Fund (WWF), the Australian Federal Government and local resource management groups, Project Catalyst's objectives were to: — Reduce sediment, nutrient and chemical loss in freshwater entering the Great Barrier Reef — Reduce runoff and increase infiltration from sugar cane farming regions around the Mackay Whitsunday region of Queensland Project Catalyst was established to help sugar cane growers develop innovative, economically viable and environmentally sustainable farming practices.	

## CC6.1c

Please describe your inherent opportunities that are driven by changes in other climate-related developments

Opportunity driver	Description	Potential impact	Timeframe	Direct/Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
Reputation	Amatil's reputation in taking action against the effects and impacts of climate change may be influenced by positive perceptions of the businesses performance in managing carbon and other sustainability related business activities through action and transparency in the businesses sustainability plan	Increased demand for existing products/services	Unknown	Direct	About as likely as not	Low-medium		Amatil's sustainability plan incorporating comprehensive carbon management and reduction activities and a significant sustainable water strategy and actions on managing biodiversity in Indonesia provide assurance to our stakeholders that we recognise and are actively seeking effective ways to take advantage of these opportunities. For further information please see our Sustainability report: <a href="https://www.ccamatil.com/">https://www.ccamatil.com/</a>	

## Further Information

**Module: GHG Emissions Accounting, Energy and Fuel Use, and Trading****Page: CC7. Emissions Methodology**

## CC7.1

**Please provide your base year and base year emissions (Scopes 1 and 2)**

Scope	Base year	Base year emissions (metric tonnes CO2e)
Scope 1	Thu 01 Jan 2015 - Thu 31 Dec 2015	72979
Scope 2 (location-based)	Thu 01 Jan 2015 - Thu 31 Dec 2015	225570
Scope 2 (market-based)		

## CC7.2

**Please give the name of the standard, protocol or methodology you have used to collect activity data and calculate Scope 1 and Scope 2 emissions****Please select the published methodologies that you use**

Australia - National Greenhouse and Energy Reporting Act

## CC7.2a

**If you have selected "Other" in CC7.2 please provide details of the standard, protocol or methodology you have used to collect activity data and calculate Scope 1 and Scope 2 emissions**

## CC7.3

**Please give the source for the global warming potentials you have used**

Gas	Reference
CO2	IPCC Fifth Assessment Report (AR5 - 100 year)

## CC7.4

**Please give the emissions factors you have applied and their origin; alternatively, please attach an Excel spreadsheet with this data at the bottom of this page**

Fuel/Material/Energy	Emission Factor	Unit	Reference
Natural gas	0.05133	metric tonnes CO2e per GJ	Australia - NGER Act
Diesel/Gas oil	0.00268	metric tonnes CO2e per liter	Australia - NGER Act
Liquefied petroleum gas (LPG)	0.00154	metric tonnes CO2e per liter	Australia - NGER Act

## Further Information

**Page: CC8. Emissions Data - (1 Jan 2016 - 31 Dec 2016)**

## CC8.1

**Please select the boundary you are using for your Scope 1 and 2 greenhouse gas inventory**

Operational control

## CC8.2

**Please provide your gross global Scope 1 emissions figures in metric tonnes CO2e**

69864

## CC8.3

**Please describe your approach to reporting Scope 2 emissions**

Scope 2, location-based	Scope 2, market-based	Comment
We are reporting a Scope 2, location-based figure	We have operations where we are able to access electricity supplier emissions factors or residual emissions factors, but are unable to report a Scope 2, market-based figure	

## CC8.3a

**Please provide your gross global Scope 2 emissions figures in metric tonnes CO2e**

Scope 2, location-based	Scope 2, market-based (if applicable)	Comment
208699		

## CC8.4

**Are there any sources (e.g. facilities, specific GHGs, activities, geographies, etc.) of Scope 1 and Scope 2 emissions that are within your selected reporting boundary which are not included in your disclosure?**

No

## CC8.5

**Please estimate the level of uncertainty of the total gross global Scope 1 and 2 emissions figures that you have supplied and specify the sources of uncertainty in your data gathering, handling and calculations**

Scope	Uncertainty range	Main sources of uncertainty	Please expand on the uncertainty in your data
Scope 1	Less than or equal to 2%	Metering/ Measurement Constraints	All data is gathered either through direct meter reading where possible and periodically verified through cross reference to invoice data or directly from invoices
Scope 2 (location-based)	Less than or equal to 2%	Data Management	All data is gathered either through direct meter reading where possible and periodically verified through cross reference to invoice data or directly from invoices
Scope 2 (market-based)		No Sources of Uncertainty	

## CC8.6

**Please indicate the verification/assurance status that applies to your reported Scope 1 emissions**

No third party verification or assurance

## CC8.7

**Please indicate the verification/assurance status that applies to at least one of your reported Scope 2 emissions figures**

No third party verification or assurance

## CC8.8

**Please identify if any data points have been verified as part of the third party verification work undertaken, other than the verification of emissions figures reported in CC8.6, CC8.7 and CC14.2**

Additional data points verified	Comment
No additional data verified	

## CC8.9

**Are carbon dioxide emissions from biologically sequestered carbon relevant to your organization?**

No

Further Information

[Page: CC9. Scope 1 Emissions Breakdown - \(1 Jan 2016 - 31 Dec 2016\)](#)

## CC9.1

**Do you have Scope 1 emissions sources in more than one country?**

Yes

## CC9.1a

**Please break down your total gross global Scope 1 emissions by country/region**

Country/Region	Scope 1 metric tonnes CO2e
Australia	35377
New Zealand	2377
Fiji	4003
Indonesia	23947
Papua New Guinea	2718
Samoa	1440

## CC9.2

**Please indicate which other Scope 1 emissions breakdowns you are able to provide (tick all that apply)**

Further Information

[Page: CC10. Scope 2 Emissions Breakdown - \(1 Jan 2016 - 31 Dec 2016\)](#)

## CC10.1

**Do you have Scope 2 emissions sources in more than one country?**

Yes

## CC10.1a

**Please break down your total gross global Scope 2 emissions and energy consumption by country/region**

Country/Region	Scope 2, location-based (metric tonnes CO2e)	Scope 2, market-based (metric tonnes CO2e)	Purchased and consumed electricity, heat, steam or cooling (MWh)	Purchased and consumed low carbon electricity, heat, steam or cooling accounted in market-based approach (MWh)
Australia	98741			
New Zealand	6595			
Fiji	1908			
Indonesia	94272			
	6549			

Country/Region	Scope 2, location-based (metric tonnes CO2e)	Scope 2, market-based (metric tonnes CO2e)	Purchased and consumed electricity, heat, steam or cooling (MWh)	Purchased and consumed low carbon electricity, heat, steam or cooling accounted in market-based approach (MWh)
Papua New Guinea				
Samoa	633			

CC10.2

Please indicate which other Scope 2 emissions breakdowns you are able to provide (tick all that apply)

Further Information

Page: CC11. Energy

CC11.1

What percentage of your total operational spend in the reporting year was on energy?

More than 5% but less than or equal to 10%

CC11.2

Please state how much heat, steam, and cooling in MWh your organization has purchased and consumed during the reporting year

Energy type	MWh
Heat	0
Steam	0
Cooling	0

CC11.3

Please state how much fuel in MWh your organization has consumed (for energy purposes) during the reporting year

372043

CC11.3a

Please complete the table by breaking down the total "Fuel" figure entered above by fuel type

Fuels	MWh
Natural gas	306995
Liquefied petroleum gas (LPG)	21994
Diesel/Gas oil	30428
Wood or wood waste	12626

CC11.4

Please provide details of the electricity, heat, steam or cooling amounts that were accounted at a low carbon emission factor in the market-based Scope 2 figure reported in CC8.3a

Basis for applying a low carbon emission factor	MWh consumed associated with low carbon electricity, heat, steam or cooling	Emissions factor (in units of metric tonnes CO2e per MWh)	Comment

CC11.5

Please report how much electricity you produce in MWh, and how much electricity you consume in MWh

Total electricity consumed (MWh)	Consumed electricity that is purchased (MWh)	Total electricity produced (MWh)	Total renewable electricity produced (MWh)	Consumed renewable electricity that is produced by company (MWh)	Comment
259630	259498	132	132	132	

Further Information

Page: CC12. Emissions Performance

CC12.1

How do your gross global emissions (Scope 1 and 2 combined) for the reporting year compare to the previous year?

Decreased

CC12.1a

Please identify the reasons for any change in your gross global emissions (Scope 1 and 2 combined) and for each of them specify how your emissions compare to the previous year

Reason	Emissions value (percentage)	Direction of change	Please explain and include calculation
Emissions reduction activities	6.7	Decrease	Operational efficiency's improved across the business reducing both fuels and electricity consumed across the Group. This was achieved through a combination of energy savings initiatives, improved production efficiency and site consolidation.
Divestment			

Reason	Emissions value (percentage)	Direction of change	Please explain and include calculation
Acquisitions			
Mergers			
Change in output			
Change in methodology			
Change in boundary			
Change in physical operating conditions			
Unidentified			
Other			

## CC12.1b

**Is your emissions performance calculations in CC12.1 and CC12.1a based on a location-based Scope 2 emissions figure or a market-based Scope 2 emissions figure?**

Location-based

## CC12.2

**Please describe your gross global combined Scope 1 and 2 emissions for the reporting year in metric tonnes CO2e per unit currency total revenue**

Intensity figure =	Metric numerator (Gross global combined Scope 1 and 2 emissions)	Metric denominator: Unit total revenue	Scope 2 figure used	% change from previous year	Direction of change from previous year	Reason for change
	metric tonnes CO2e					

## CC12.3

**Please provide any additional intensity (normalized) metrics that are appropriate to your business operations**

Intensity figure =	Metric numerator (Gross global combined Scope 1 and 2 emissions)	Metric denominator	Metric denominator: Unit total	Scope 2 figure used	% change from previous year	Direction of change from previous year	Reason for change
70.88	metric tonnes CO2e	liter of product		Location-based	1	Decrease	An increase in production output combined with a change in production methods (an increase in self-manufactured blow moulded products) increased electricity consumed and hence electricity related emissions meant that overall emissions reduction was limited to around 1%

Further Information

[Page: CC13. Emissions Trading](#)

## CC13.1

**Do you participate in any emissions trading schemes?**

No, and we do not currently anticipate doing so in the next 2 years

## CC13.2

**Has your organization originated any project-based carbon credits or purchased any within the reporting period?**

No

Further Information

[Page: CC14. Scope 3 Emissions](#)

## CC14.1

**Please account for your organization's Scope 3 emissions, disclosing and explaining any exclusions**

Sources of Scope 3 emissions	Evaluation status	metric tonnes CO2e	Emissions calculation methodology	Percentage of emissions calculated using data obtained from suppliers or value chain partners	Explanation
Purchased goods and services	Relevant, not yet calculated			38%	Amatil is in the process of developing and validating a tool for estimating ingredient and packaging related emissions which we anticipate being able to utilise in our 2018 submission
Capital goods	Not relevant, explanation provided				Not a significant input to Amatil's total value chain emissions profile of ingredients, packaging, manufacturing, distribution and refrigeration

Sources of Scope 3 emissions	Evaluation status	metric tonnes CO2e	Emissions calculation methodology	Percentage of emissions calculated using data obtained from suppliers or value chain partners	Explanation
Fuel-and-energy-related activities (not included in Scope 1 or 2)	Not relevant, explanation provided				Included in the purchased goods and services section
Upstream transportation and distribution	Not relevant, explanation provided				Included in the purchased goods and services section
Waste generated in operations	Not evaluated				Not a significant input to Amatil's total value chain emissions profile of ingredients, packaging, manufacturing, distribution and refrigeration
Business travel	Not evaluated				Not a significant input to Amatil's total value chain emissions profile of ingredients, packaging, manufacturing, distribution and refrigeration
Employee commuting	Not evaluated				Not a significant input to Amatil's total value chain emissions profile of ingredients, packaging, manufacturing, distribution and refrigeration
Upstream leased assets	Not evaluated				Not a significant input to Amatil's total value chain emissions profile of ingredients, packaging, manufacturing, distribution and refrigeration
Downstream transportation and distribution	Relevant, not yet calculated			6%	Amatil is in the process of developing and validating a tool for estimating own fleet and third party logistics related emissions which we anticipate being able to utilise in our 2018 submission
Processing of sold products	Relevant, not yet calculated			42%	Amatil is in the process of developing and validating a tool for estimating refrigeration related emissions for convenience consumption which we anticipate being able to utilise in our 2018 submission
Use of sold products	Not relevant, explanation provided				Not a significant input to Amatil's total value chain emissions profile of ingredients, packaging, manufacturing, distribution and refrigeration
End of life treatment of sold products	Not relevant, explanation provided				Included in the purchased goods and services section
Downstream leased assets	Not relevant, explanation provided				Not a significant input to Amatil's total value chain emissions profile of ingredients, packaging, manufacturing, distribution and refrigeration
Franchises	Not relevant, explanation provided				Not applicable
Investments	Not relevant, explanation provided				Not applicable
Other (upstream)	Not relevant, explanation provided				All other included in previously reported sections
Other (downstream)	Not relevant, explanation provided				All other included in previously reported sections

**CC14.2****Please indicate the verification/assurance status that applies to your reported Scope 3 emissions**

No emissions data provided

**CC14.3****Are you able to compare your Scope 3 emissions for the reporting year with those for the previous year for any sources?**

No, we don't have any emissions data

**CC14.4****Do you engage with any of the elements of your value chain on GHG emissions and climate change strategies? (Tick all that apply)**

Yes, our suppliers  
Yes, our customers

**CC14.4a****Please give details of methods of engagement, your strategy for prioritizing engagements and measures of success**

Coca-Cola Amatil recognises the importance of having ethical and sustainable procurement practices that support its business and sustainability goals. As such, our Procurement Policy encompasses the Coca-Cola Amatil Responsible Sourcing Guidelines that are aligned with The Coca-Cola Company's Supplier Guiding Principles. Amatil's Responsible Sourcing Guidelines clearly set out our expectations of suppliers regarding business ethics, human rights and labour standards, the environment, society and the communities within which we operate. Amatil remains committed to fully enforcing these guidelines and expects its suppliers to develop and implement appropriate internal business processes to ensure compliance.

CC14.4b

To give a sense of scale of this engagement, please give the number of suppliers with whom you are engaging and the proportion of your total spend that they represent

Type of engagement	Number of suppliers	% of total spend (direct and indirect)	Impact of engagement
Active engagement		80%	Evaluation of current level of performance in responsible sourcing through the Ecovadis assessment process which includes evidence based evaluation of compliance and corrective action processes to close gaps in performance to Amatil's standards.

Further Information

Module: Sign Off

Page: CC15. Sign Off

CC15.1

Please provide the following information for the person that has signed off (approved) your CDP climate change response

Name	Job title	Corresponding job category
Alison Watkins	Group Managing Director	Chief Executive Officer (CEO)

Further Information

Module: FBT

Page: FBT1. Agriculture

FBT1.1

Are agricultural activities, whether in your direct operations or elsewhere in your value chain, relevant to your climate change disclosure?

Yes

FBT1.2

Are the agricultural activities that you have identified as relevant undertaken on your own farm(s), elsewhere in your value chain, or both?

Elsewhere in value chain

FBT1.2a

Please explain why agricultural emissions from your own farms are not relevant

Amatil does not have operational control over any farms

FBT1.6

Do you account for greenhouse gas emissions from agricultural activities in your value chain as part of the Scope 3 category "Purchased goods and services" reported in CC14.1 of the core climate change questionnaire?

Yes

FBT1.6a

Please report these agricultural emissions from your value chain and identify any exclusions in the table below

Scope	Agricultural emissions (% of the emissions reported in the category "Purchased goods and services")	Exclusions	Explanation	Comment
Scope 3	21-30%	None	The balance of emissions in purchased goods and services comprises packaging materials as outlined in Amatil's annual Sustainability report	

FBT1.7

Do you encourage your agricultural suppliers to undertake any agricultural management practices with a climate change mitigation and/or adaptation benefit?

Yes

FBT1.7a

Please identify agricultural management practices with a climate change mitigation and/or adaptation benefit that you encourage your suppliers to implement. Complete the table

Activity ID	Agricultural management practice	Description of agricultural management practice	Your role in the implementation of this practice	Explanation of how you encourage implementation	Climate change related benefit	Comment
1	Nutrient management	Please refer to information available in the Responsible Sourcing section of Amatil's	Financial	Please refer to information available in the Responsible Sourcing section of Amatil's	Emissions reductions (mitigation) Increasing	

Activity ID	Agricultural management practice	Description of agricultural management practice	Your role in the implementation of this practice	Explanation of how you encourage implementation	Climate change related benefit	Comment
		annual Sustainability report (pages 48 & 49)		annual Sustainability report (pages 48 & 49)	resilience to climate change (adaptation)	

FBT1.7b

**Does the implementation of these agricultural management practices in your value chain have other impacts? Complete the table**

Activity ID	Impact on yield	Impact on cost	Impact on soil quality	Impact on biodiversity	Impact on water	Other impact	Description of impacts	Comment
1	Evaluated - beneficial impact							

FBT1.7c

**Do you have any plans to engage with your suppliers on their implementation of agricultural management practices?**

Further Information

Page: FBT2. Processing

FBT2.1

**Are processing activities, whether in your direct operations or elsewhere in your value chain, relevant to your climate change disclosure?**

No

FBT2.1a

**Please explain why processing activities are not relevant to your climate change disclosure**

All processing activities are included in previously supplied data and information

Further Information

Page: FBT3. Distribution

FBT3.1

**Are distribution activities, whether in your direct operations or elsewhere in your value chain, relevant to your climate change disclosure?**

No

FBT3.1a

**Please explain why distribution activities are not relevant to your climate change disclosure**

All distribution activities are included in previously supplied data and information

Further Information

Page: FBT4. Consumption

FBT4.1

**Are emissions from the consumption of your products relevant to your climate change disclosure?**

No

FBT4.1b

**Please explain why emissions from the consumption of your products are not relevant to your climate change disclosure**

All consumption related emissions are included in previously supplied data and information

Further Information

CDP: [D][-,][D2]