

**Module: Introduction****Page: Introduction**

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**CC0.1****Introduction**

Please give a general description and introduction to your organization.

Growthpoint Properties Australia is an ASX-listed landlord which commenced in its current form in 2009 with \$650 million of industrial property. It has grown and diversified to now own \$2.1 billion of office and \$1.1 billion of industrial property in every Australian State and in the Australian Capital Territory.

Growthpoint is majority owned by Growthpoint Properties South Africa, the largest listed South African Real Estate Investment Trust, with strong sustainability credentials demonstrated by ongoing inclusion in the JSE Socially Responsible Investment (SRI) Index.

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**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

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**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**

Australia

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**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 (\$)

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**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.

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**Further Information**

**Module: Management**

**Page: CC1. Governance**

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**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

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**CC1.1a**

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

Company Secretary/Chief Operating Officer

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**CC1.2**

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

Yes

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**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
Board/Executive board	Monetary reward	Emissions reduction target Environmental criteria included in purchases	Executive management annual bonuses are linked to a number of short term incentives (STIs) and long term incentives (LTIs), both financial and non-financial. Environmental governance and explicit inclusion of climate change consideration is a measure for executive management annual bonuses from mid-2017 (i.e. FY2018). Prior to this point, inclusion of these issues is embedded in the KPIs for the non-financial STIs under 'Strategic portfolio asset management initiatives'.
Facility managers	Monetary reward	Efficiency target	Growthpoint employs third-party Property Managers to oversee day-to-day operations at each operated facility. These Managers have a contractual KPI to maintain or improve NABERS ratings across the portfolio, with financial penalties applied for underperformance.

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#### Further Information

**Page: CC2. Strategy**

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#### 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

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#### 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	Australia	> 6 years	Growthpoint has a risk management framework in place which is overseen at many levels including the Board, the Audit, Risk & Compliance Committee and executive management. The focus is to identify, manage, mitigate and monitor risks to Growthpoint's assets, reputation, profit and personnel as well as ensuring awareness of those risks which cannot be effectively managed or mitigated. Climate change is included as a specific risk alongside the existing framework to ensure that the longer term (up to 2030) material direct and indirect risks are identified and managed.

#### CC2.1b

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

1) Company level: A Risk Identification Committee comprising of management, and from time-to-time directors and external advisors, meets to consider and establish the significant risks facing the business, including climate change related risks. Meetings are held at least twice a year and focus on identification and ongoing assessment of the top 18 risks to the business. Management is required to report to the Audit, Risk & Compliance Committee every six months in relation to these top 18 identified key risks, the control and/or mitigation measures in place and the key performance indicators for these risks.

The Board is ultimately responsible for setting the risk appetite at the company level and adopting internal controls and risk management processes. Reports from the Audit, Risk & Compliance Committee, the Managing Director, the external auditors and management are all considered in this decision-making. To date, climate change has not been identified as a top 10 risk through this process, however it is intended to be included as a specific longer term risk from 2016.

2) Asset level: Individual properties are considered in the risk identification processes described for the company level above, including climate change risks. In addition, the Board has an annual planning day where it conducts a separate risk analysis for each of its property assets.

#### CC2.1c

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

Risks identified are assessed on a 1-5 scale based on their likelihood (rare to almost certain) and their impact (insignificant to extreme). Impact is assessed on the basis of impact to reputation, financial impairment, operating ability and/or effect on stakeholders (board, employees, security holders, debt providers, tenants and contractors).

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#### CC2.1d

Please explain why you do not have a process in place for assessing and managing risks and opportunities from climate change, and whether you plan to introduce such a process in future

Main reason for not having a process	Do you plan to introduce a process?	Comment
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#### CC2.2

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

Yes

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#### CC2.2a

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

Growthpoint's business strategy is driven by our mission to provide investors with a tradeable security, producing consistently growing income returns and long-term capital appreciation. Climate change is included in the objective to 'Operate sustainably', one of six key business objectives. Information is collected to support this objectives through the risk management processes described earlier, assessment of operational energy and emissions efficiency and seeking external expert advice in some instances.

The inclusion of climate change in our business strategy has influenced our strategic portfolio management approach; this is one element we consider in assessing the long term value of our investments as climate change impacts increase.

The strategy has been influenced by the following aspects of climate change - need for adaptation to physical impacts such as flooding and a need to meet increasing investor expectations on climate change related disclosures.

Short term strategic activities influenced by climate change include our investment in a dedicated climate change risk assessment with a third party expert in the next 12 months. We also continue to invest in an on-line sustainability platform to capture energy use and greenhouse gas emissions data for optimal energy management across our operated portfolio.

Longer term activities influenced by climate change include our long term emissions reduction target to align with international action on climate change.

We see this to provide us with a strategic advantage over our competitors through directing our capital investments to maximise long term value and protect against foreseeable climate related risks.

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#### CC2.2b

Please explain why climate change is not integrated into your business strategy

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#### 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

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#### CC2.2d

Please provide details and examples of how your company uses an internal price on carbon

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#### 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)**

Trade associations

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CC2.3a

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

Focus of legislation	Corporate Position	Details of engagement	Proposed legislative solution
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CC2.3b

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

No

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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?
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CC2.3d

Do you publicly disclose a list of all the research organizations that you fund?

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CC2.3e

Please provide details of the other engagement activities that you undertake

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**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?**

Growthpoint is a Core member of the Property Council of Australia (PCA) which publicly states that it agrees with the science of climate change and supports a focus on energy efficiency improvements, fuel switching and distributed solar photovoltaics to result in net zero emissions from the industry by 2050.

Growthpoint engages with the PCA through member events and communications to ensure ongoing alignment with our position on these issues, and has considered PCA's position in the development of our long term emissions reduction target.

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**CC2.3g**

Please explain why you do not engage with policy makers

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**Further Information**

**Page: CC3. Targets and Initiatives**

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**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?**

Absolute target

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**CC3.1a**

Please provide details of your absolute target

ID	Scope	% of emissions in scope	% reduction from base year	Base year	Base year emissions covered by target (metric tonnes CO2e)	Target year	Is this a science-based target?	Comment
Abs1	Scope 1+2 (location-based)	70%	5%	2014	6913	2018	No, but we are reporting another target which is science-based	This target covers properties over which Growthpoint has operational control, based on the CY2014 portfolio. In CY2016, ten new properties were added to Growthpoint's operationally controlled portfolio (nine acquisitions in CY2016, and one in late CY2015), materially increasing operational emissions (49% increase). These are currently excluded from this target to ensure comparability with the base year. The target is being reviewed in light of these acquisitions and will be updated if required over the coming year.
Abs2	Scope 1+2 (location-based)	100%	100%	2016	10078	2050	Yes, but this target has not been approved as science-based by the Science Based Targets initiative	This is a new target for the business, aligned with international climate change action. It states the business' intention to move to net zero emissions by 2050 across all properties over which Growthpoint has operational control.

### 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
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**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
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**CC3.1d**

Please provide details of your renewable energy consumption and/or production target

ID	Energy types covered by target	Base year	Base year energy for energy type covered (MWh)	% renewable energy in base year	Target year	% renewable energy in target year	Comment
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**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
Abs1	50%	29%	Emissions reduction activities continued through 2016. Some of the impacts were offset by an increase in electricity and gas use at two properties due to a step change in occupancy at one and a change in tenant activity at the other. This is a short term impact and not expected to impact broader progress towards target achievement.
Abs2	0%	0%	This is a new target from 2016. Progress will be tracked over coming years.

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**CC3.1f**

Please explain (i) why you do not have a target; and (ii) forecast how your emissions will change over the next five years

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**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?**

No

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**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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**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	0	0
To be implemented*	1	8
Implementation commenced*	1	8
Implemented*	12	256
Not to be implemented	0	0

**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
Energy efficiency: Building services	LED lighting upgrades across Growthpoint's property portfolio. These include projects at both operated and non-operated properties.	256	Scope 2 (location-based) Scope 3	Voluntary	70970	150000	1-3 years	11-15 years	Suite of lighting upgrades across facilities.

**CC3.3c**

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

Method	Comment
Dedicated budget for energy efficiency	A set annual budget is allocated for the identification and evaluation of energy efficiency projects each year. Additional execution capex/opex for specific projects approved for implementation is then explicitly rolled into this budget component for the following year.
Internal incentives/recognition programs	Growthpoint's facility managers are required to identify energy efficiency/savings opportunities as a component of their contractual obligations. Performance in this area feeds into their annual appraisal process.

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CC3.3d

If you do not have any emissions reduction initiatives, please explain why not

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Further Information

Page: **CC4. Communication**

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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 voluntary communications	Complete	Pages 10-16, 26	<a href="https://www.cdp.net/sites/2017/86/58686/Climate%20Change%202017/Shared%20Documents/Attachments/CC4.1/Growthpoint-2016-Sustainability-Report-web.pdf">https://www.cdp.net/sites/2017/86/58686/Climate Change 2017/Shared Documents/Attachments/CC4.1/Growthpoint-2016-Sustainability-Report-web.pdf</a>	Sustainability report

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Further Information

Module: **Risks and Opportunities**

Page: **CC5. Climate Change Risks**

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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
Emission reporting obligations	Growthpoint is currently not captured by any energy or greenhouse reporting regulations, including the National Greenhouse and Energy Reporting scheme (NGER). As our portfolio grows, we are aware that Growthpoint may trigger one or more reporting thresholds and be impacted by	Increased operational cost	1 to 3 years	Direct	Unlikely	Low	If Growthpoint is captured by NGER in future, non-compliance may result in penalties of more than AUD\$300,000 as well as daily penalties.	The annual energy and emissions reporting procedure includes a check against thresholds to ensure that we are aware of Growthpoint's position against NGER reporting thresholds based on financial reporting years. As an example for the financial year FY2016, our total greenhouse gas emissions were estimated to be 8,300tCO <sub>2</sub> e, well below the threshold of 50,000tCO <sub>2</sub> e.	Growthpoint's energy and emissions data management and reporting platform supports management of this risk, among other objectives. This represents an annual investment of approximately \$200,000.

Risk driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
	existing and/or future regulations. If this occurs, there will be additional costs associated with meeting these reporting requirements and non-compliance may result in penalties.							Energy consumption was estimated at 42TJ, also well below the 100 TJ threshold.	
Carbon taxes	Growthpoint is currently not captured directly by any carbon pricing mechanisms, including the Safeguard Mechanism. With a very low scope 1 emissions footprint, this is considered unlikely to change in the foreseeable future. It is possible, however that Growthpoint will	Increased operational cost	1 to 3 years	Indirect (Supply chain)	More likely than not	Low	For Growthpoint, potential passed through carbon costs for electricity have been estimated at approximately \$8-\$15/tonne CO2e of scope 2 emissions. Based on current electricity consumption levels this could represent up to \$140,000 per annum.	Electricity contracts are managed through a cyclical procurement process and will include carbon-pass through clauses as one criteria in the selection process if relevant.	There is minimal or no incremental cost associated with this procurement process which is already optimised against a number of criteria.

Risk driver	Description	Potential impact	Timeframe	Direct/Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
	incur passed through carbon costs from suppliers, particularly electricity retailers, as a result of existing or future carbon pricing schemes.								
General environmental regulations, including planning	As a property investor, Growthpoint may be impacted in future by changes to property planning laws and regulations in response to climate change and related resource efficiency drivers. These may result in a variety of impacts depending on the nature of the change, including a requirement to	Reduced stock price (market valuation)	3 to 6 years	Direct	Likely	Medium	For Growthpoint's property portfolio, financial implications for retrofitting buildings would potentially reach several million dollars. Reductions in property investment value would depend on a number of factors but are estimated at approximately 5% maximum in the near term.	Growthpoint's investment strategy takes into account expected regulatory changes in this space and actively prioritises investment in properties with high energy/emissions efficiency and performance (directly considered through NABERS ratings). In addition, facility managers are required to continue optimising these levels as a component of their KPIs. This is intended to preserve future value (and reduce the need for	This management method is an integral component of Growthpoint's investment strategy and is incorporated into the responsibilities of key management staff (costs can therefore be considered to be rolled into company salary overheads). As an example of the financial implications of projects identified and executed to mitigate this risk, the chiller

Risk driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
	retrofit existing properties or a reduction in the value of existing investments.							additional fittings/service upgrades) as regulations move to increase average buildings performance. An example of an activity implemented is the chiller upgrade project at Building 1 (572 Swan Street, Richmond) which was completed with consideration of current and future energy efficiency regulations likely to be in place within the expected lifetime of the installed equipment.	upgrade project described in the Management Method case study involved a total investment of approximately \$690,000 (ex GST).

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 mean (average) temperature	Growthpoint owns a number of buildings in Brisbane and Perth which are both areas that have been identified by the Australian Bureau of Meteorology as zones that have a higher risk of marginal temperature increases due to climate change. This could impact Growthpoint through increases in cooling costs or the need for further energy efficiency investments over time.	Increased operational cost	>6 years	Direct	About as likely as not	Low-medium	Financial implications are heavily dependent on energy prices and the tenancies involved, but for Growthpoint this has been estimated to represent a potential 5-20% energy cost increase. Based on current consumption and energy costs this is expected to reach no more than \$50,000 per annum in the foreseeable future but may exceed this level in the longer term.	Growthpoint has a strategic focus on acquiring properties with high green credentials and we continue to invest in sustainability initiatives through developments and capital upgrade projects. This has contributed to ongoing improvements in the average NABERS energy rating across our portfolio. Growthpoint also executes "green leases" across new tenancies where appropriate to promote alignment between practices and capital expenditures towards proper financial and environmental performance.	This management method is an integral component of Growthpoint's investment strategy and is incorporated into the responsibilities of key management staff (costs can therefore be considered to be rolled into company salary overheads).
Change in precipitation extremes	A significant flood in Brisbane in 2011, which	Increased operational cost	>6 years	Direct	Likely	Medium	Financial implications are measured as the	Growthpoint has developed dedicated flood	For Growthpoint, financial costs of flood risk

Risk driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
and droughts	impacted two of our South Brisbane properties (52 Merivale Street and 32 Cordelia Street), identified the need for a greater focus on climate change risk mitigation. Several properties within Growthpoint's portfolio were subsequently identified as exposed to flood risk.						insurance excess payable to respond to a flooding event, which is currently approximately \$300,000 per event.	risk mitigation measures for properties identified to be at potential risk from future flooding. Growthpoint also increased its insurance cover. Case study: As a result of the 2011 Brisbane floods, risk mitigation measures have been implemented at four of the Growthpoint office properties in South Brisbane. This included relocation of sensitive electrical switchboards to areas outside potential flooding zones, installation of back-up diesel generators to serve the four office buildings, shared car park and the storm-water pumps in basement areas. If future weather events / storms results in	mitigation measures implemented were approximately \$570,000 for the activities undertaken to date (across four properties).

Risk driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
								prolonged power outages to the precinct, the back-up diesel generators are designed to enable continued operation of the properties and car park whilst maintaining operation of the storm water pumps to extract any storm water that may enter the basement car park areas.	

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	As Growthpoint has entered the ASX200 in FY15, there has been increased interest	Reduced stock price (market valuation)	3 to 6 years	Direct	Likely	Medium	Financial implications would depend on the relative position of	Since its inclusion in the ASX200, Growthpoint has undertaken a comprehensive	Costs of developing and maintaining these new information sets and

Risk driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
	from investors and other stakeholders on our climate change and broader sustainability risks, opportunities and management response. If Growthpoint does not meet expectations in these areas, its reputation could be negatively impacted, potentially affecting the company's ability to attract capital, deliver investor returns and continue future growth. As investors move to incorporate these factors into their valuation models, there could also be a negative share price risk.						Growthpoint's performance compared to others in the sector. Share price impact for Growthpoint has been estimated at 5 to 15% across the next ten years.	review of our climate change response and incorporated it explicitly into our risk management framework and broader business strategy. This has been detailed in previous sections of this CDP response and in our Sustainability Report. Growthpoint has also invested in increasing our external reporting and disclosure on climate change, including the GRESB Survey from 2015, CDP from 2016 and the publication of our first Annual Sustainability Report in 2016.	disclosure activities (using both third party expert services and additional internal resourcing) has been estimated at approximately \$50,000 per annum.

CC5.1d

Please explain why you do not consider your company to be exposed to inherent risks driven by changes in regulation that have the potential to generate a substantive change in your business operations, revenue or expenditure

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**CC5.1e**

Please explain why you do not consider your company to be exposed to inherent risks driven by changes in physical climate parameters that have the potential to generate a substantive change in your business operations, revenue or expenditure

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**CC5.1f**

Please explain why you do not consider your company to be exposed to inherent risks driven by changes in other climate-related developments that have the potential to generate a substantive change in your business operations, revenue or expenditure

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**Further Information**

**Page: CC6. Climate Change Opportunities**

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**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
Emission reporting obligations	Growthpoint has the opportunity to leverage energy and emissions data collected to support emissions reporting to benchmark performance between buildings and better identify and monitor energy efficiency projects, power consumption and overall optimisation of building operating costs.	Reduced operational costs	1 to 3 years	Direct	Likely	Medium	Financial benefits will depend on energy prices and the types of cost-saving opportunities which may be identified, but is estimated to be in the range of 5-20% of energy costs. Based on current energy prices and consumption levels this could represent an annual saving of up to \$50,000 per annum in the near term.	Use of an online sustainability data platform, maintained by a third party service provider and accessible by property managers as required.	Growthpoint's energy and emissions data management and reporting platform supports this opportunity, among other objectives. This represents an annual investment of approximately \$200,000.
Renewable energy regulation	Growthpoint has the opportunity to leverage renewable energy related regulatory	Reduced operational costs	1 to 3 years	Direct	Likely	Medium	Financial benefits will depend on energy prices and the electricity	Growthpoint has a strategic focus on acquiring properties with high green credentials and	Costs of management depends on the number and size of units installed and

Opportunity driver	Description	Potential impact	Timeframe	Direct/Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
	schemes (including incentive mechanisms) to generate additional revenue and decrease energy costs through investments in off grid renewable energy (particularly rooftop solar) on its buildings. This can also be point of differentiation for potential tenants in non-operated buildings seeking to minimise electricity costs.						consumption of the buildings involved but in the longer term could minimise electricity costs down to 5-10% of their current levels. Based on current energy prices and consumption levels this could represent an annual saving of up to \$5,000-15,000 per annum per property in the near term, with the potential for significant upside to this in the 5-10 year timeframe.	we continue to invest in sustainability initiatives through developments and capital upgrade projects, including solar PV opportunities. Currently four properties within Growthpoint's portfolio have rooftop PV solar generation installed, which were considered in valuation of the property prior to acquisition (two of these are still undergoing metering reviews to confirm consumption data).	maintained across the portfolio as this opportunity is explored further for the business. Indicatively, each subsequent installation would be expected to cost within the range \$20,000-\$70,000.

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
Change in precipitation extremes and droughts	Growthpoint has the opportunity to offer tenants properties with higher resilience to the physical impacts of climate change compared to others on the market, particularly in areas prone to flooding (which may impact tenants' abilities to continue business).	Increased demand for existing products/services	3 to 6 years	Direct	More likely than not	Medium	Financial benefits will be in the form of increased rental demand and therefore higher revenue rates and increased property values.	Growthpoint has invested in a dedicated assessment of its physical exposure to climate change related risks using a third party expert. This will continue to build on the work done to date to build adaptation and resilience to climate change impacts into the design of our existing portfolio and future acquisitions and developments in order to capitalise on this opportunity.	

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	Growthpoint has the opportunity to build a strong reputation for its climate-change resilient property portfolio ahead of its peers, attracting further investment and increasing market share.	Increased stock price (market valuation)	1 to 3 years	Direct	Likely	Medium	Financial benefits will be in the form of increased share valuation and market share.	Growthpoint has invested in a dedicated climate change strategy, including a detailed risk assessment, and included outcomes in our annual sustainability report to transparently strengthen our brand's association with strong ESG credentials. We are also continuing to invest in participation in high profile investor disclosure programs.	Third party and internal resourcing to support this activity is estimated at \$50,000 per annum.
Changing consumer behavior	Growthpoint has the opportunity to benefit from increasing demand from tenants for office buildings with optimal energy and emissions efficiency to meet their own	Increased demand for existing products/services	1 to 3 years	Direct	Likely	Medium-high	Financial benefits will be in the form of increased rental demand and therefore higher revenue rates and increased property values.	Growthpoint has invested in an internal facility management program to increase average NABERS ratings across our portfolio and maintain a high Green Star rating among other initiatives. Energy	Resourcing to support participation in the NABERS/BEEC programme is estimated at \$80,000 (ex GST) per annum.

Opportunity driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
	sustainability objectives and minimise their operating costs.							efficiency of potential new acquisitions are also considered as one element of our portfolio management decisions. An example is the work program which commenced in 2016 at Building 3, 572 Swan St Richmond; one objective of this program is to take the building to a 5 green star rating to attract/retain premium tenants.	

CC6.1d

Please explain why you do not consider your company to be exposed to inherent opportunities driven by changes in regulation that have the potential to generate a substantive change in your business operations, revenue or expenditure

CC6.1e

Please explain why you do not consider your company to be exposed to inherent opportunities driven by changes in physical climate parameters that have the potential to generate a substantive change in your business operations, revenue or expenditure

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CC6.1f

Please explain why you do not consider your company to be exposed to inherent opportunities driven by changes in other climate-related developments that have the potential to generate a substantive change in your business operations, revenue or expenditure

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**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	Wed 01 Jan 2014 - Wed 31 Dec 2014	206.7

Scope	Base year	Base year emissions (metric tonnes CO2e)
Scope 2 (location-based)	Wed 01 Jan 2014 - Wed 31 Dec 2014	6706.3
Scope 2 (market-based)	Wed 01 Jan 2014 - Wed 31 Dec 2014	0

---

### 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
The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)

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### 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

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### CC7.3

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

Gas	Reference
CO2	IPCC Fourth Assessment Report (AR4 - 100 year)
CH4	IPCC Fourth Assessment Report (AR4 - 100 year)
N2O	IPCC Fourth Assessment Report (AR4 - 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
Electricity	0.840	metric tonnes CO2e per MWh	Average FY2015 and FY2016 - NSW and ACT, Australia - NGER Measurement Determination 2008 (amended), Schedule 1, Part 6
Electricity	1.11	metric tonnes CO2e per MWh	Average FY2015 and FY2016 - VIC, Australia - NGER Measurement Determination 2008 (amended), Schedule 1, Part 6
Electricity	0.785	metric tonnes CO2e per MWh	Average FY2015 and FY2016 - QLD, Australia - NGER Measurement Determination 2008 (amended), Schedule 1, Part 6
Electricity	0.545	metric tonnes CO2e per MWh	Average FY2015 and FY2016 - SA, Australia - NGER Measurement Determination 2008 (amended), Schedule 1, Part 6
Electricity	0.74	metric tonnes CO2e per MWh	Average FY2015 and FY2016 - WA (SWIS), Australia - NGER Measurement Determination 2008 (amended), Schedule 1, Part 6
Electricity	0.12	metric tonnes CO2e per MWh	Average FY2015 and FY2016 - TAS, Australia - NGER Measurement Determination 2008 (amended), Schedule 1, Part 6
Natural gas	0.05133	metric tonnes CO2e per GJ	Average FY2015 and FY2016 - NGER Measurement Determination 2008 (amended), Schedule 1, Part 2

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**Further Information**

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

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**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**

552

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**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 no operations where we are able to access electricity supplier emissions factors or residual emissions factors and are unable to report a Scope 2, market-based figure	N/A

---

**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
9526	0	N/A

**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

**CC8.4a**

Please provide details of the sources of Scope 1 and Scope 2 emissions that are within your selected reporting boundary which are not included in your disclosure

Source	Relevance of Scope 1 emissions from this source	Relevance of location-based Scope 2 emissions from this source	Relevance of market-based Scope 2 emissions from this source (if applicable)	Explain why the source is excluded

**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	More than 2% but less than or equal to 5%	Metering/ Measurement Constraints	Natural gas consumption is taken from invoices and uploaded to a sustainability data platform by a third party service provider. Aggregated uncertainty across quantity measurement and the emission and energy factors are as per the NGER Determination, Chapter 8.
Scope 2 (location-based)	More than 2% but less than or equal to 5%	Metering/ Measurement Constraints	Electricity consumption is taken from invoices and supplemented by/ cross-checked against metered data where required. It is then uploaded to a sustainability data platform by a third party service provider. Aggregated uncertainty across quantity measurement and the emission and energy factors are as per the NGER Determination, Chapter 8.
Scope 2 (market-based)			

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**CC8.6**

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

Third party verification or assurance process in place

---

**CC8.6a**

**Please provide further details of the verification/assurance undertaken for your Scope 1 emissions, and attach the relevant statements**

Verification or assurance cycle in place	Status in the current reporting year	Type of verification or assurance	Attach the statement	Page/section reference	Relevant standard	Proportion of reported Scope 1 emissions verified (%)
Annual process	Complete	Limited assurance	<a href="https://www.cdp.net/sites/2017/86/58686/Climate%20Change%202017/Shared%20Documents/Attachments/CC8.6a/WSP%20Letter%20of%20Assurance%20-%20Growthpoint%20Properties%20Australia%20CY2016.pdf">https://www.cdp.net/sites/2017/86/58686/Climate Change 2017/Shared Documents/Attachments/CC8.6a/WSP Letter of Assurance - Growthpoint Properties Australia CY2016.pdf</a>	Page 3 for assurance finding	ISO14064-3	100

#### CC8.6b

Please provide further details of the regulatory regime to which you are complying that specifies the use of Continuous Emission Monitoring Systems (CEMS)

Regulation	% of emissions covered by the system	Compliance period	Evidence of submission

#### CC8.7

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

Third party verification or assurance process in place

#### CC8.7a

Please provide further details of the verification/assurance undertaken for your location-based and/or market-based Scope 2 emissions, and attach the relevant statements

Location-based or market-based figure?	Verification or assurance cycle in place	Status in the current reporting year	Type of verification or assurance	Attach the statement	Page/Section reference	Relevant standard	Proportion of reported Scope 2 emissions verified (%)
Location-based	Annual process	Complete	Limited assurance	<a href="https://www.cdp.net/sites/2017/86/58686/Climate%20Change%202017/Shared%20Documents/Attachments/CC8.7a/WSP%20Letter%20of%20Assurance%20-%20Growthpoint%20Properties%20Australia%20CY2016.pdf">https://www.cdp.net/sites/2017/86/58686/Climate Change 2017/Shared Documents/Attachments/CC8.7a/WSP Letter of Assurance - Growthpoint Properties Australia CY2016.pdf</a>	Page 3 for assurance finding	ISO14064-3	100

#### 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	The scope 1 and 2 emissions for Growthpoint's emissions target base year (2014) were verified as part of the 2015 assurance engagement and not repeated for 2016.

#### CC8.9

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

No

#### CC8.9a

Please provide the emissions from biologically sequestered carbon relevant to your organization in metric tonnes CO2

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**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?**

No

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**CC9.1a**

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

Country/Region	Scope 1 metric tonnes CO2e

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**CC9.2**

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

---

**CC9.2a**

Please break down your total gross global Scope 1 emissions by business division

Business division	Scope 1 emissions (metric tonnes CO2e)
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**CC9.2b**

Please break down your total gross global Scope 1 emissions by facility

Facility	Scope 1 emissions (metric tonnes CO2e)	Latitude	Longitude
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**CC9.2c**

Please break down your total gross global Scope 1 emissions by GHG type

GHG type	Scope 1 emissions (metric tonnes CO2e)
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**CC9.2d**

Please break down your total gross global Scope 1 emissions by activity

Activity	Scope 1 emissions (metric tonnes CO2e)
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**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?**

No

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**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)
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**CC10.2**

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

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CC10.2a

Please break down your total gross global Scope 2 emissions by business division

Business division	Scope 2, location-based (metric tonnes CO2e)	Scope 2, market-based (metric tonnes CO2e)
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CC10.2b

Please break down your total gross global Scope 2 emissions by facility

Facility	Scope 2, location-based (metric tonnes CO2e)	Scope 2, market-based (metric tonnes CO2e)
----------	----------------------------------------------	--------------------------------------------

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CC10.2c

Please break down your total gross global Scope 2 emissions by activity

Activity	Scope 2, location-based (metric tonnes CO2e)	Scope 2, market-based (metric tonnes CO2e)
----------	----------------------------------------------	--------------------------------------------

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**Further Information**

**Page: CC11. Energy**

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**CC11.1**

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

More than 0% but less than or equal to 5%

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**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**

## CC11.3a

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

Fuels	MWh
Natural gas	2977

## 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
Off-grid energy consumption from an on-site installation or through a direct line to an off-site generator owned by another company	86	0	Growthpoint acquired two properties (in Sydney Olympic Park) in late 2016 with significant solar PV (renewable energy) installations. These contributed a proportion of renewable electricity to the properties' total electricity consumption for the last quarter of the reporting year.

## 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
11381	11295	86	86	86	Growthpoint consumes grid connected electricity at all operated properties with the exception of the electricity produced and consumed on site by the solar installations described in 11.4 above.

#### 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?

Increased

#### 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	2.0	Decrease	Emissions reductions achieved through ongoing identification and implementation of projects across properties under Growthpoint's operational control.
Divestment	0	No change	No divestments during CY2016 of facilities which were under Growthpoint's operational control.
Acquisitions	49.0	Increase	Growthpoint acquired nine new properties which fell under the company's operational control during CY2016, and one new property in December CY2015 which was not included in CY2015 data. Emissions associated with each new property have been included in the inventory from the date of acquisition.
Mergers	0	No change	N/A
Change in output	0	No change	N/A
Change in methodology	2.0	Decrease	Change in electricity emission factors between 2015 and 2016 resulted in a net decrease in total emissions.
Change in boundary	0	No change	N/A
Change in physical operating conditions	0	No change	N/A
Unidentified	0	No change	N/A
Other	6.5	Increase	During 2016 there was an increase in electricity and gas use at two properties due to a step change in occupancy at one and a change in tenant activity at the other. These (along with other less material impacts) resulted in an additional short term increase to Growthpoint's overall inventory for the year.

### 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
0.000042	metric tonnes CO2e	239721	Location-based	26	Increase	The net increase in intensity was largely driven by the material acquisitions made during the year leading to a redistribution of emissions per unit revenue. An increase in electricity and gas consumption at two previously owned properties (due to a step change in occupancy at one and a change in tenant activity at the other) also contributed.

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
0.063	metric tonnes CO2e	square meter	108719	Location-based	3	Increase	This figure is based on properties reported in both CY2015 and CY2016 (as site areas for new acquisitions made through the course of CY2016 could not be proportionately allocated from the date of acquisition). The minor increase in intensity is mainly

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
							due to a step change in occupancy at one property and a change in tenant activity at another.

#### 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

#### CC13.1a

Please complete the following table for each of the emission trading schemes in which you participate

Scheme name	Period for which data is supplied	Allowances allocated	Allowances purchased	Verified emissions in metric tonnes CO2e	Details of ownership

#### CC13.1b

What is your strategy for complying with the schemes in which you participate or anticipate participating?

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**CC13.2**

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

No

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**CC13.2a**

Please provide details on the project-based carbon credits originated or purchased by your organization in the reporting period

Credit origination or credit purchase	Project type	Project identification	Verified to which standard	Number of credits (metric tonnes CO2e)	Number of credits (metric tonnes CO2e): Risk adjusted volume	Credits canceled	Purpose, e.g. compliance
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**Further Information**

**Page: CC14. Scope 3 Emissions**

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**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, calculated	697.6	Emissions calculated for: - embodied emissions in paper consumed, using scope 3 factor published in EPA Victoria, Greenhouse gas emission factors for office copy paper, Publication 1374.1, October 2013 - emissions associated with purchased facility management services, using scope 3 emissions factor published by University of Sydney, "Balancing Act: Volume 4", 2005, Property Services factor).	100.00%	This figure excludes embodied carbon from other sources including purchased food, drink, office supplies, furniture and IT equipment due to difficulties accessing the information required.
Capital goods	Not relevant, explanation provided	0			This is excluded from Growthpoint's scope 3 boundaries due to the immaterial contribution to total scope 3 emissions.
Fuel-and-energy-related activities (not included in Scope 1 or 2)	Relevant, calculated	1612.6	NGA scope 3 emissions factor for electricity and natural gas (NGA, August 16, Table 41 and 38 respectively) applied to total electricity and natural gas consumption.	100.00%	This figure represents upstream extraction, transport, generation and distribution emissions associated with Growthpoint's electricity and natural gas consumption in all facilities under our operational control.
Upstream transportation and distribution	Not relevant, explanation provided	0			This is excluded from Growthpoint's scope 3 boundaries due to the immaterial contribution to total scope 3 emissions.
Waste generated in operations	Not relevant, explanation provided				This is excluded from Growthpoint's scope 3 boundaries due to the immaterial contribution to total scope 3 emissions.
Business travel	Relevant, calculated	49.4	Car hire and taxi emissions are calculated using total distance travelled (calculated or estimated), and application of the scope 3 factor published at <a href="http://www.greenvehicleguide.gov.au">http://www.greenvehicleguide.gov.au</a> . Hotel accommodation	100.00%	This figure includes emissions from air travel, rental car hire, taxis and hotel accommodation.

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
			emissions are calculated using total annual spend and application of the scope 3 factor published in University of Sydney, "Balancing Act: Volume 4", 2005). Air travel emissions are calculated using total distance travelled (calculated or estimated), and application of the scope 3 factors published by UK Department for Environment, Food and Rural Affairs and the Department of Energy and Climate Change (domestic and international factors respectively)		
Employee commuting	Not relevant, explanation provided	0			Growthpoint's office is located in the Melbourne CBD and the majority of employees commute via public transport. Consequently, employee commuting represents an immaterial contribution to total scope 3 emissions.
Upstream leased assets	Not relevant, explanation provided	0			Not relevant. Growthpoint does not act as the lessee of any properties not captured through Scope 1 and Scope 2 reporting.
Downstream transportation and distribution	Not relevant, explanation provided	0			Not relevant. Growthpoint does not produce end-use products.
Processing of sold products	Not relevant, explanation provided	0			Not relevant. Growthpoint does not produce saleable products.
Use of sold products	Not relevant, explanation provided	0			Not relevant. Growthpoint does not produce saleable products.

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
End of life treatment of sold products	Not relevant, explanation provided	0			Not relevant. Growthpoint does not produce saleable products.
Downstream leased assets	Relevant, calculated	8768.5	NGA full fuel cycle emission factors for electricity and gas (NGA, August 16, Table 41 and 37 respectively) applied to tenant electricity and gas consumption.	100.00%	Tenant electricity consumption makes a material contribution to Growthpoint's scope 3 emissions total. Tenant electricity data is provided directly by tenants or estimated when not directly provided. Small amounts of tenant gas consumption (where data was available) has also been included in this figure.
Franchises	Not relevant, explanation provided	0			Not relevant. Growthpoint does not manage any franchises.
Investments	Not relevant, explanation provided	0			Not relevant. Growthpoint does not manage any investment portfolios.
Other (upstream)	Not relevant, explanation provided	0			No other relevant sources identified.
Other (downstream)	Not relevant, explanation provided	0			No other relevant sources identified.

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

Third party verification or assurance process in place

**CC14.2a**

**Please provide further details of the verification/assurance undertaken, and attach the relevant statements**

Verification or assurance cycle in place	Status in the current reporting year	Type of verification or assurance	Attach the statement	Page/Section reference	Relevant standard	Proportion of reported Scope 3 emissions verified (%)
Annual process	Complete	Limited assurance	<a href="https://www.cdp.net/sites/2017/86/58686/Climate Change 2017/Shared Documents/Attachments/CC14.2a/WSP Letter of Assurance - Growthpoint Properties Australia CY2016.pdf">https://www.cdp.net/sites/2017/86/58686/Climate Change 2017/Shared Documents/Attachments/CC14.2a/WSP Letter of Assurance - Growthpoint Properties Australia CY2016.pdf</a>	Page 3 for assurance finding	ISO14064-3	100

**CC14.3**

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

Yes

**CC14.3a**

**Please identify the reasons for any change in your Scope 3 emissions and for each of them specify how your emissions compare to the previous year**

Sources of Scope 3 emissions	Reason for change	Emissions value (percentage)	Direction of change	Comment
Purchased goods & services	Acquisitions	27	Increase	Scope 3 emissions associated with purchased facility management services increased in CY2016 due to new property acquisitions.
Fuel- and energy-related activities (not included in Scopes 1 or 2)	Acquisitions	50	Increase	Scope 3 emissions increased due to additional electricity and gas consumption at newly acquired properties during CY2016 (and some additional increases in previously owned properties due to changes in occupancy rates and tenant activities). Note that an error in CY2015 data calculated for this source has been corrected this year (reducing scope 3 emissions by about 4,000t CO2e) prior to making this comparison.
Business travel	Other:	29	Decrease	Drop due to a reduction in international air travel compared to CY2015.
Downstream leased assets	Change in methodology	41	Increase	Inclusion of full fuel cycle scope 3 emissions associated with gas consumption in leased assets outside of Growthpoint's operational control. In CY2015, emissions reported in this category were from electricity consumption only.

#### 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 customers

Yes, other partners in the value chain

#### CC14.4a

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

Growthpoint engages with our tenants (i.e. customers) through a dedicated process, including annual surveys and follow up meetings. The survey covers a range of issues including several sustainability related questions. Group meetings involving Growthpoint, individual tenants and asset managers are conducted regardless of the survey results at least once per year i.e. all tenancies are regarded as high priority in this fundamental engagement activity.

Further engagement and actions are prioritised based on the outcomes of these initial survey results and meetings. Additional investigation and other activities are conducted where required to improve the tenants' satisfaction, including repairs and maintenance of the building or working more closely with the property manager.

Year on year comparisons of survey results and annual meeting outcomes provide an indication of the success of this engagement process.

In addition, Growthpoint conducts employee engagement activities through provision of sustainability training for all employees including material on energy and emissions management.

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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
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CC14.4c

Please explain why you do not engage with any elements of your value chain on GHG emissions and climate change strategies, and any plans you have to develop an engagement strategy in the future

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**Further Information**

**Module: Sign Off**

**Page: CC15. Sign Off**

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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
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**Further Information**

**CDP**