

CDP 2009 Information Request

Respondent: Fosters Group Ltd

General introduction

Risk and Opportunities

1. Regulatory Risks: (CDP6 1(a)(i))

1.1 Is your company exposed to regulatory risks related to climate change?

We consider our company to be exposed to regulatory risks.

Foster's operates in a number of jurisdictions globally that are considering or are committed to introducing legislation and regulation to address climate change and carbon emissions reductions. In response to this, Foster's has undertaken a number of activities to better understand these impacts directly, as well as those that may manifest through our supply chain.

Foster's believes that these and ongoing assessments combined with internal management systems and processes currently in operation, position us to adapt to changes in business operations and regulation, either as a direct result of climate variability or as a result of government and stakeholder response to the issue of climate change.

Further information

2. Physical Risks: (CDP6 1(a)(ii))

2.1 Is your company exposed to physical risks from climate change?

We consider our company to be exposed to physical risks.

Foster's believes it is partially exposed to physical risks from climate change. While our production facilities are not located in areas subject to extreme weather events, we have identified shifting seasonal variation in crop development and vintage timing which we believe are in part attributable to changing climatic conditions.

The current drought occurring in Australia has increased dependence on the water market and alternative water sources. Our internal processes on water management and conservation focus on preparing and adapting our business to manage these ongoing challenges.

Foster's believes it has appropriate management systems in existence, or strategies and processes in place, to adapt to changes in business operations and regulation, either as a direct result of climate variability or as a result of government and stakeholder response to the issue of climate change.

Further information

3. Other Risks: (CDP6 1(a)(iii))

3.1 Is your company exposed to other risks as a result of climate change?

We consider our company to be exposed to other risks.

The marketplace continues to seek greater transparency in relation to environmental performance and efficiency, particularly with regards to carbon and other 'climate change' indicators.

Foster's, through our internal carbon reduction program has embarked on a number of initiatives to improve our environmental performance and understanding of the key issues. As part of this program we have undertaken life cycle analysis of selected beer and wine products to increase our knowledge and ability to meet this need as it presents.

Foster's believes it has appropriate management systems in existence, or strategies and processes in place, to adapt to changes in business operations and regulation, either as a direct result of climate variability or as a result of government and stakeholder response to the issue of climate change.

Further information

4. Regulatory Opportunities: (CDP6 1(b)(i))

4.1 Do regulatory requirements on climate change present opportunities for your company?

Regulatory requirements present opportunities for my company.

While the regulatory landscape regarding climate change is not fully known, we believe that our systems and processes internally are preparing us to identify opportunities as they arise.

Initial review of regulatory programs, such as the Australian Carbon Pollution Reduction Scheme, have indicated that continued improvements to efficiencies across our operations will assist in minimising our demand for energy, and hence potential cost impacts occurring along our supply chain. Similarly, consumer trends towards 'green' or low impact products may provide further opportunities for us in brand offerings adding to our current portfolio of Cascade Green and Wolf Blass Green.

Further information

5. Physical Opportunities: (CDP6 1(b)(ii))

5.1 Do physical changes resulting from climate change present opportunities for your company?

Physical changes present opportunities for my company.

Foster's believes that there may be some opportunity associated with the physical changes associated with climate change, however, these are difficult to determine in a context isolated from other business drivers, risks and opportunities. New regional varietal plantings and increased grape yields may occur in some areas, however, the full benefit of these would need to be determined in a broader commercial context.

Further information

6. Other Opportunities: (CDP6 1(b)(iii))

6.1 Does climate change present other opportunities for your company?

Climate change presents other opportunities for my company.

Foster's have observed a macro trend shift on climate change awareness and interest in our performance on environment as it relates to these issues across stakeholder base, including our employees and our consumers. This has created employees opportunities for engagement and education, as well as consumer opportunities for carbon neutral or other climate related products.

Any opportunity however, require a thorough understanding of the issues and the full impact of products on the environment, and the business as a whole.

Further information

Greenhouse Gas (GHG) Emissions Accounting, Emissions Intensity, Energy and Trading

7. Reporting Year (CDP6 Q2(a)(ii))

Information about how to respond to this section may be found in "The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)" developed by the World Resources Institute and the World Business Council for Sustainable Development ("the GHG Protocol"), see <http://www.ghgprotocol.org/>. ISO 14064-1 is compatible with the GHG Protocol as are a number of regional/national programme protocols. For more information see <http://www.ghgprotocol.org/> and use the guidance button above.

Please provide CDP with responses to questions 7, 8, 9, 10.1, 10.2, 11.1 and 11.2 for the three years prior to the current reporting year if you have not done so before or if this is the first time you have answered a CDP information request. Please work backwards from the current reporting year, so that you enter data for your oldest reporting period last.

Questions 10.1, 10.2, 11.1, and 11.2 are on subsequent webpages and the dates that you give in answer to question 7 will be carried forwards to automatically populate those webpages.

7.1. Please state the start date and end date of the year for which you are reporting GHG emissions.

Start date: 01 July 2007

End date: 30 June 2008

Financial accounting year: 01 July 2007

8. Reporting Boundary: (CDP6 Q2(a)(i))

8.1. Please indicate the category that describes the company, entities, or group for which Scope 1 and Scope 2 GHG emissions are reported.

Companies over which operational control is exercised.

8.2. Please state whether any parts of your business or sources of GHG emissions are excluded from your reporting boundary.

As the bulk of our emissions are incurred at our production facilities Foster's has applied the operational control approach to establish the organisational boundary by which GHG emissions have been calculated and reported upon. While this approach has captured the majority of direct and indirect GHG emissions stemming from Foster's' global Beer, Cider, Spirits and Non-Alcohol beverages (BCSN) and wine production operations, it does not capture the following GHG emissions for which we have operational control:

Scope 1 emissions - company owned vehicles that are not involved in production, biogenic sources of CO₂-e emissions, on-site wastewater treatment, refrigerant emissions, CO₂ from carbonation

Scope 2 emissions - purchased electricity at all administration/office buildings and warehouse sites.

All Scope 3 emissions are also excluded

9. Methodology: (CDP6 Q2(a)(iii))

9.1. Please describe the process used by your company to calculate Scope 1 and Scope 2 GHG emissions including the name of the standard, protocol or methodology you have used to collect activity data and calculate Scope 1 and Scope 2 GHG emissions.

Please provide your answer in the text box. In addition to this description, if relevant, select a methodology from the list of published methodologies. This will aid automated analysis of the data.

Our data collection and reporting systems for our FY08 data are aligned with the Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition) developed by the World Resources Institute and the World Business Council for Sustainable Development (WBCSD).

Activity data is collected by our business units monthly. This information is aggregated to provide an annual total for energy consumption, broken down by energy type. This information is then forwarded to our corporate environment team, which then calculates the associated Scope 1 and Scope 2 CO₂-e emissions using the appropriate GHG emissions factor.

Energy cost data is provided to the corporate environment team as an annual total per business unit by the relevant finance department.

Select methodologies:

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

Please also provide:

9.2 Details of any assumptions made.

The emissions information presented here has been determined & calculated using systems in place during the FY08 reporting period. FY09 has seen substantial upgrade in these systems and internal methodologies and processes used to collate and report on our emissions data, in readiness for Australian based governmental greenhouse and energy reporting requirements.

While every attempt has been made to ensure that the information presented here is correct, slight variations may be observed due to refinements of these reporting systems and adjusted emissions factors.

9.3 The names of and links to any calculation tools used.

No specific emissions calculation tools were used

Select calculation tools:

9.4 The global warming potentials you have applied and their origin.

All global warming potentials applied in the calculation of Foster's Greenhouse Gas Inventory were derived from the NGA Factors Workbook prepared by the Australian Department of Climate Change. They are based on those presented in the Second Assessment Report of the IPCC that are averaged over a 100-year timeframe. These GWPs align with standard greenhouse gas accounting methodologies adopted by the UNFCCC.

9.5 The emission factors you have applied and their origin.

All Scope 1 emission factors and Scope 2 emission factors for our Australian sites were derived from the National Greenhouse Accounts (NGA) Factors prepared by the Australian Government Department of Climate Change. This can be viewed at <http://www.climatechange.gov.au/workbook/index.html>

Refer to attachment for outline of Emissions Factors used

Further information

http://cdp.cdproject.net/attachedfiles/Responses/52879/12125/Emissions_Factors.xls

10. Scope 1 Direct GHG Emissions: (CDP6 Q2(b)(i))

Instructions for question 10 and question 11 (following page)

When providing answers to questions 10 and 11, please do not deduct offset credits, Renewable Energy Certificates etc, or net off any estimated avoided emissions from the export of renewable energy, carbon sequestration (including enhanced oil recovery) or from the use of goods and services. Opportunities to provide details of activities that reduce or avoid emissions are provided elsewhere in the information request.

Carbon dioxide emissions from biologically sequestered carbon e.g. carbon dioxide from burning biomass/biofuels should be reported separately from emissions Scopes 1, 2 and 3. If relevant, please report these emissions in question 15. However, please do include any nitrous oxide or methane emissions from biomass/biofuel combustion in your emissions under the three scopes.

Please answer the following questions using Table 1.

Please provide:

10.1. Total gross global Scope 1 GHG emissions in metric tonnes of CO₂-e

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

10.2. Country or region

Please provide CDP with responses to questions 10.1 and 10.2 for the three years prior to the current reporting year if you have not done so before or if this is the first time you have answered a CDP information request. Please work backwards from the current reporting year, so that you enter data for your oldest reporting period last. Table 1 (below) and table 5 (Q11.1 and 11.2) will be automatically populated with the dates that you give in answer to 7.1.

Electric utilities should report emissions by country/region using the table in question EU3.

Table 1 - Please use whole numbers only. Use the "Other" option in the drop down menu to enter the name of a region.

Reporting year Q7.1 Start date	01/07/2007
Reporting year Q7.1 End date	30/06/2008
10.1 Total gross global Scope 1 GHG emissions in metric tonnes CO ₂ -e	61348
10.2 Gross Scope 1 emissions in metric tonnes CO₂-e by country or region	
Australia	50685
Fiji	3563
Samoa	2429
USA	4511
New Zealand	160

Your answer to question 10.1 will be automatically carried forward to tables 2 and 3 below if you add a country or region in answer to 10.2 or press "Save" at the end of the page.

Please tick the box if your total gross global Scope 1 figure (Q10.1) includes emissions that you have transferred outside your reporting boundary (as given in answer to 8.1). Please report these transfers under 13.5.

Where it will facilitate a better understanding of your business, please also break down your total global Scope 1 emissions by:

10.3. Business division

and/or

10.4. Facility

10.3. Business division (only data for the current reporting year requested)

Table 2 - Please use whole numbers only.

Business Divisions - Enter names below	Scope 1 Metric tonnes CO ₂ -e
Total gross global Scope 1 GHG emissions in metric tonnes CO ₂ -e - answer to question Q10.1	61348
Beer Division	49825
Wine Division	11512

10.4. Facility (only data for the current reporting year requested)

Table 3 - Please use whole numbers only.

Facilities - Enter names below	Scope 1 Metric tonnes CO ₂ -e
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10.5. Please break down your total global Scope 1 GHG emissions in metric tonnes of the gas and metric tonnes of CO₂-e by GHG type. (Only data for the current reporting year requested.)

Table 4 - Please use whole numbers only.

Scope 1 GHG Type	Unit	Quantity
CO ₂	Metric tonnes	
CH ₄	Metric tonnes	
CH ₄	Metric tonnes CO ₂ -e	
N ₂ O	Metric tonnes	
N ₂ O	Metric tonnes CO ₂ -e	
HFCs	Metric tonnes	
HFCs	Metric tonnes CO ₂ -e	
PFCs	Metric tonnes	
PFCs	Metric tonnes CO ₂ -e	
SF ₆	Metric tonnes	
SF ₆	Metric tonnes CO ₂ -e	

10.6. If you have not provided any information about Scope 1 emissions in response to the questions above, please explain your reasons and describe any plans you have for collecting Scope 1 GHG emissions information in future.

Foster's are currently in the process of making substantial improvements to our data collection systems and internal methodologies and processes used to collate and report on our emissions data, in readiness for Australian based governmental greenhouse and energy reporting requirements. This will enable us to provide greater detail on our emissions by energy type in future reports.

Further information

11. Scope 2 Indirect GHG Emissions: (CDP6 Q2(b)(i))

Important note about emission factors where zero or low carbon electricity is purchased:

The emissions factor you should use for calculating Scope 2 emissions depends upon whether the electricity you purchase is counted in calculating the grid average emissions factor or not – see below. You can find this out from your supplier.

Electricity that IS counted in calculating the grid average emissions factor:

Where electricity is sourced from the grid and that electricity has been counted in calculating the grid average emissions factor, Scope 2 emissions must be calculated using the grid average emissions factor, even if your company purchases electricity under a zero or low carbon electricity tariff.

Electricity that is NOT counted in calculating the grid average emissions factor:

Where zero or low carbon electricity is sourced from the grid or otherwise transmitted to the company and that electricity is not counted in calculating the grid average, the emissions factor specific to that method of generation can be used, provided that any certificates quantifying GHG-related environmental benefits claimed for the electricity are not sold or passed on separately from the electricity purchased.

[Click here](#) to see the instructions from the previous page on answering question 11.

Please answer the following questions using Table 5.

Please provide:

11.1. Total gross global Scope 2 GHG emissions in metric tonnes of CO₂-e.

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

11.2. Country or region

Please provide CDP with responses to questions 11.1 and 11.2 for the three years prior to the current reporting year if you have not done so before or if this is the first time you have answered a CDP information request. Please work backwards from the current reporting year, so that you enter data for your oldest reporting period last. Table 5 will be automatically populated with the dates that you gave in answer to 7.1.

Table 5 - Please use whole numbers only. Use the "Other" option in the drop down menu to enter the name of a region.

Reporting year Q7.1 Start date	01/07/2007
Reporting year Q7.1 End date	30/06/2008
11.1 Total gross global Scope 2 GHG emissions in metric tonnes CO ₂ -e	155209

11.2 Gross Scope 2 emissions in metric tonnes CO₂-e by country or region

Australia	143440
Fiji	2291
Samoa	1500
USA	7503
New Zealand	475

Your answer to 11.1 will be automatically carried forward to tables 6 and 7 below if you add a country or region in answer to 11.2 or press "Save" at the end of the page.

Where it will facilitate a better understanding of your business, please also break down your total global Scope 2 emissions by:

11.3. Business division

and/or

11.4. Facility

11.3. Business division (only data for the current reporting year requested)

Table 6 - Please use whole numbers only.

Business Divisions - Enter names below	Scope 2 Metric tonnes CO ₂ -e
Total gross global Scope 2 GHG emissions in metric tonnes CO₂-e - answer to question Q11.1	155209
Beer Division	82667
Wine Division	71192

11.4. Facility (only data for the current reporting year requested)

Table 7 - Please use whole numbers only.

Facilities - Enter names below	Scope 2 Metric tonnes CO ₂ -e
Total gross global Scope 2 GHG emissions in metric tonnes CO₂-e - answer to question Q11.1	155209

11.5. If you have not provided any information about Scope 2 emissions in response to the questions above, please explain your reasons and describe any plans you have for collecting Scope 2 GHG emissions information in future.

Foster's are currently in the process of making substantial improvements to our data collection systems and internal methodologies and processes used to collate and report on our emissions data, in readiness for Australian based governmental greenhouse and energy reporting requirements. This will enable us to provide greater detail on our emissions by energy type in future reports.

Further information

12. Contractual Arrangements Supporting Particular Types of Electricity Generation: (CDP6 Q2(b)(i)- Guidance)

12.1. If you consider that the grid average factor used to report Scope 2 emissions in question 11 does not reflect the contractual arrangements you have with electricity suppliers, (for example, because you purchase electricity using a zero or low carbon electricity tariff), you may calculate and report a contractual Scope 2 figure in response to this question, showing the origin of the alternative emission factor and information about the tariff.

N/A

12.2. If you retire any certificates (eg: Renewable Energy Certificates) associated with zero or low carbon electricity, please provide details.

N/A

Further information

13. Scope 3 Other Indirect GHG Emissions: (CDP6 Q2(c))

For each of the following categories, please:

- Describe the main sources of emissions,
- Report emissions in metric tonnes of CO₂-e,
- state the methodology, assumptions, calculation tools, databases, emission factors (including sources) and global warming potentials (including sources) you have used for calculating emissions.

Notes about question 13

When providing answers to question 13, please do not deduct offset credits, Renewable Energy Certificates etc, or net off any estimated avoided emissions from the export of renewable energy, carbon sequestration (including enhanced oil recovery) or from the use of goods and services. Opportunities to provide details of activities that reduce or avoid emissions are provided elsewhere in the information request.

Carbon dioxide emissions from biologically sequestered carbon e.g. carbon dioxide from burning biomass/biofuels should be reported separately from emissions Scopes 1, 2 and 3. If relevant, please report these emissions in question 15. However, please do include any nitrous oxide or methane emissions from biomass/biofuel combustion in your emissions under the three scopes.

13.1 Employee business travel

Describe the main sources of emissions

Emissions in metric tonnes CO₂-e.

State the methodology, assumptions, calculation tools, databases, emission factors (including sources) and global warming potentials (including sources) you have used for calculating emissions.

13.2. External distribution/logistics

Describe the main sources of emissions

Emissions in metric tonnes CO₂-e.

State the methodology, assumptions, calculation tools, databases, emission factors (including sources) and global warming potentials (including sources) you have used for calculating emissions.

13.3 Use/disposal of company's products and services

For auto manufacture and auto component companies – please refer to the additional questions for these sectors before completing question 13.3.

Describe the main sources of emissions

Emissions in metric tonnes CO₂-e.

State the methodology, assumptions, calculation tools, databases, emission factors (including sources) and global warming potentials (including sources) you have used for calculating emissions.

13.4 Company supply chain

Describe the main sources of emissions

Emissions in metric tonnes CO₂-e.

State the methodology, assumptions, calculation tools, databases, emission factors (including sources) and global warming potentials (including sources) you have used for calculating emissions.

13.5 Other

If you are reporting emissions that do not fall into the categories above, please categorise them into transferred emissions and non-transferred emissions (please see guidance for an explanation of these terms).

Please report transfers in the first three input fields and non-transfers in the last three input fields.

Transfers
Describe the main sources of emissions

Transfers
Report emissions in metric tonnes of CO₂-e.

Transfers
State the methodology, assumptions, calculation tools, databases, emission factors (including sources) and global warming potentials (including sources) you have used for calculating emissions.

Non-transfers
Describe the main sources of emissions

Non-transfers
Report emissions in metric tonnes of CO₂-e.

Non-transfers
State the methodology, assumptions, calculation tools, databases, emission factors (including sources) and global warming potentials (including sources) you have used for calculating emissions.

13.6 If you have not provided information about one or more of the categories of Scope 3 GHG emissions in response to the questions above, please explain your reasons and describe any plans you have for collecting Scope 3 indirect emissions information in future.

Currently Foster's is not systematically recording and reporting on Scope 3 emissions. However, we have undertaken a number of activities that will enable us to work towards improving this and where appropriate. Activities include the voluntary offset associated with employee air travel and tool of trade emissions. As part of work undertaken in verifying the claims made against Cascade Green and Wolf Blass Green, we have undertaken two complete life cycle analyses, which have incorporated Scope 1, 2 and 3 emissions associated with these specific products.

Further information

14. Emissions Avoided Through Use Of Goods And Services (New for CDP 2009)

14.1. If your goods and/or services enable GHG emissions to be avoided by a third party, please provide details including the estimated avoided emissions, the anticipated timescale over which the emissions are avoided and the methodology, assumptions, emission factors (including sources), and global warming potentials (including sources) used for your estimations.

N/A

Further information

15. Carbon Dioxide Emissions from Biologically Sequestered Carbon: (New for CDP 2009)

An example would be carbon dioxide from burning biomass/biofuels.

15.1. Please provide the total global carbon dioxide emissions in metric tonnes CO₂ from biologically sequestered carbon.

Emissions in metric tonnes CO₂ - Please use whole numbers only

Further information

16. Emissions Intensity: (CDP6 Q3(b))

16.1. Please supply a financial emissions intensity measurement for the reporting year for your combined Scope 1 and 2 emissions.

Please describe the measurement.

Carbon equivalent emissions (as per scope and omissions detailed in Response 8.2) per \$USD company turnover

16.1.1. Give the units. For example, the units could be metric tonnes of CO₂-e per million Yen of turnover, metric tonnes of CO₂-e per US\$ of profit, metric tonnes of CO₂-e per thousand Euros of turnover.

t CO₂-e per million USD of turnover

16.1.2. The resulting figure.

Use a decimal point if necessary. Please use a "." rather than a ",", i.e. please write 15.6 rather than 15,6

55

16.2. Please supply an activity related intensity measurement for the reporting year for your combined Scope 1 and 2 emissions.

Please describe the measurement.

16.2.1. Give the units e.g. metric tonnes of CO₂-e per metric tonne of output or for service sector businesses per unit of service provided.

16.2.2. The resulting figure.

Use a decimal point if necessary. Please use a "." rather than a ",", i.e. please write 15.6 rather than 15,6

Further information

17. Emissions History: (CDP6 Q2(f))

17.1. Do emissions for the reporting year vary significantly compared to previous years?

Yes

Foster's has achieved a decrease in reported GHG emissions in the year as a consequence of lower production volumes, focus on emissions reduction activities, changes to emissions factors used in calculations and interim refinements to our data collection and reporting processes. As we continue to make refinements to our internal data collection and reporting processes, this figure may vary.

If the answer to 17.1 is Yes:

17.1.1. Estimate the percentage by which emissions vary compared with the previous reporting year.

This box will accept numerical answers containing a decimal point. Please use "." not ",", i.e. write 10.6, not 10,6.

7 %

Have the emissions increased or decreased?

Decreased

Further information

18. External Verification/Assurance: (CDP6 Q2(d))

18.1. Has any of the information reported in response to questions 10 – 15 been externally verified/assured in whole or in part?

None of the information provided in response to question 10-15 has been externally verified/assured in whole or in part. Please go to question 18.6.

It would aid automated analysis of responses if you could select responses from the tick boxes below. However, please use the text box provided if the tick boxes menu

options are not appropriate.

18.2. State the scope/boundary of emissions included within the verification/assurance exercise.

Please use the text box below to describe the scope/boundary of emissions included within the verification/assurance exercise if the tick box menu options above are not applicable.

18.3. State what level of assurance (eg: reasonable or limited) has been given.

18.4. Provide a copy of the verification/assurance statement.

Please attach a copy/copies.

18.5. Specify the standard against which the information has been verified/assured.

18.6. If none of the information provided in response to questions 10-15 has been verified in whole or in part, please state whether you have plans for GHG emissions accounting information to be externally verified/assured in future.

While we have not had our greenhouse gas emissions verified or assured, we have undertaken two product life-cycle assessments, and will be undertaking a readiness assessment of our FY09 energy and emissions data in preparation for submission of our first report under the Australian National Greenhouse & Energy Reporting Act (2007) which will review our current data collection and reporting processes at both a corporate and site level. This process will enable us to identify areas of improvement to our online environmental performance metrics database and data collection protocols and processes.

Further information

19. Data Accuracy: (CDP6 Q2(e) – New wording for CDP 2009)

19.1. What are the main sources of uncertainty in your data gathering, handling and calculations e.g.: data gaps, assumptions, extrapolation, metering/measurement inaccuracies etc?

If you do not gather emissions data, please select emissions data is NOT gathered and proceed to question 20.

Emission data is gathered.

The main sources of uncertainty include:

- consistency in reporting scope and boundary across each of our operations globally;
- Accuracy and calibration of meters in and out of our control;
- reporting periods of utility invoices;
- human error in transcribing information between reporting systems

19.2. How do these uncertainties affect the accuracy of the reported data in percentage terms or an estimated standard deviation?

We estimate that these areas of uncertainty may impact the accuracy of this information in the order of 10 %.

As a result of internal review and increased requirements for complete, transparent and accurate information, Foster's has undertaken a significant upgrade in these data collection and reporting systems and internal methodologies and processes used to collate and report on our emissions data, in readiness for governmental greenhouse and energy reporting requirements.

Additionally, we will be looking to expand our current reporting boundary and scope to include Scope 1 and 2 emissions from areas within our control currently excluded from this report in future submissions.

19.3. Does your company report GHG emissions under any mandatory or voluntary scheme (other than CDP) that requires an accuracy assessment?

Yes (Please answer the following questions - 19.3.1, 19.3.2).

19.3.1 Please provide the name of the scheme.

Other

Foster's has undertaken two product life cycle analyses both of which result in a carbon emission claim. As such, both analyses have undergone a rigorous assessment process, with one product receiving the Greenhouse Friendly Certification. Both products require annual data reviews to ensure the claims are accurate. Additionally, in FY09 Foster's is required to report under the Australian National Greenhouse and Energy Reporting Act (2007) and is already subject to the Australian government's Energy Efficiency Opportunities Assessment Act (2005). Foster's will be undertaking an internal readiness assessment of systems and processes in FY09 in preparation for submission of our first report.

19.3.2. Please provide the accuracy assessment for GHG emissions reported under that scheme for the last report delivered.

Foster's Group received greenhouse neutral certification for Cascade Green beer under the Australian Government's Greenhouse Friendly initiative in March 2008. Cascade Green was subject to a full life cycle analysis which was peer reviewed and independently verified by separate assessors as nominated by the Department of Climate Change.

Further information

20. Energy and Fuel Requirements and Costs: (New for CDP 2009)

Please provide the following information for the reporting year:

Cost of purchased energy

20.1. The total cost of electricity, heat, steam and cooling purchased by your company.

Select currency

Australian dollar

20.1.1. Please break down the costs by individual energy type.

Table 8 - The "Cost" column will not accept text. Please use whole numbers only.

Energy type	Cost	Currency
Electricity		
Heat		
Steam		
Cooling		

Cost of purchased fuel

20.2. The total cost of fuel purchased by your company for mobile and stationary combustion.

Select currency

20.2.1. Please breakdown the costs by individual fuel type.

Table 9 - The cost column will not accept text. Please use whole numbers only.

Mobile combustion fuels	Cost	Currency

Stationary combustion fuels	Cost	Currency

Energy and fuel inputs

The following questions are designed to establish your company's requirements for energy and fuel (inputs). Please note that MWh is our preferred unit for answers as this helps with comparability and analysis. Although it is usually associated with electricity, it can equally be used to represent the energy content of fuels (see CDP 2009 Reporting Guidance for further information on conversions to MWh).

Purchased energy input

20.3 Your company's total consumption of purchased energy in MWh.

Please use whole numbers only.

Purchased and self produced fuel input

20.4. Your company's total consumption in MWh of fuels for stationary combustion only. This includes purchased fuels, as well as biomass and self-produced fuels where relevant.

Please use whole numbers only.

In answering this question and the one below, you will have used either Higher Heating Values (also known as Gross Calorific Values) or Lower Heating Values (also known as Net Calorific Values).

Please state which you have used in calculating your answers.

20.4.1. Please break down the total consumption of fuels reported in answer to question 20.4 by individual fuel type in MWh.

Table 10 - Please use whole numbers only

Stationary combustion fuels	MWh
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Energy output

In this question we ask for information about the energy in MWh generated by your company from the fuel that it uses. Comparing the energy contained in the fuel before combustion (question 20.4) with the energy available for use after combustion will give an indication of the efficiency of your combustion processes, taking your industry sector into account.

20.5. What is the total amount of energy generated in MWh from the fuels reported in question 20.4?

Please use whole numbers only.

20.6. What is the total amount in MWh of renewable energy, excluding biomass, that is self-generated by your company?

Please use whole numbers only.

Energy exports

This question is for companies that export energy that is surplus to their requirements. For example, a company may use electricity from a combined heat and power plant but export the heat to another organisation.

20.7. What percentage of the energy reported in response to question 20.5 is exported/sold by your company to the grid or to third parties?

Please use whole numbers only.

0 %

20.8. What percentage of the renewable energy reported in response to question 20.6 is exported/sold by your company to the grid or to third parties?

Please use whole numbers only.

0 %

Further information

We estimate purchased energy costs to be in the order of AUD \$19 - \$24M

Scope – production and vineyard facilities in Australia, New Zealand, Fiji, Samoa, USA (exc. Italy operations, offices, warehouses)

We estimate purchased fuel costs to be in the order of AUD \$11 - \$13M

Scope – production and vineyard facilities in Australia, New Zealand, Fiji, Samoa, USA (exc. Italy operations, offices, warehouses)

As a result of internal review and increased requirements for complete, transparent and accurate information, Foster's has undertaken a significant upgrade in our data collection and reporting systems and internal methodologies and processes used to collate and report on our emissions data, in readiness for governmental greenhouse and energy reporting requirements.

This will enable us to provide greater detail on our energy consumption and costs in future reports.

21. EU Emissions Trading Scheme: (CDP6 Q2(g)(i) – New wording for CDP 2009)

Electric utilities should report allowances and emissions using the table in question EU5.

21.1. Does your company operate or have ownership of facilities covered by the EU Emissions Trading Scheme (EU ETS)?

No (Please go to question 22.)

Please give details of:

21.2. The allowances allocated for free for each year of Phase II for facilities which you operate or own. (Even if you do not wholly own facilities, please give the full number of allowances).

Table 11 - Please use whole numbers only.

	2008	2009	2010	2011	2012
Free allowances metric tonnes CO2					

21.3. The total allowances purchased through national auctioning processes for the period 1 January 2008 to 31 December 2008 for facilities that you operate or own. (Even if you do not wholly own facilities, please give the total allowances purchased through auctions by the facilities for this period).

Total allowances purchased through auction

21.4. The total CO₂ emissions for 1 January 2008 to 31 December 2008 for facilities which you operate or own. (Even if you do not wholly own facilities, please give the total emissions for this period.)

Total emissions in metric tonnes

Further information

22. Emissions Trading: (CDP6 Q2(g)(ii) - New wording for CDP 2009)

Electric utilities should read EU6 before answering these questions.

22.1. Please provide details of any emissions trading schemes, other than the EU ETS, in which your company already participates or is likely to participate within the next two years.

We participate or anticipate participating in trading schemes other than the EU ETS in the next two years.

The Australian Government is committed to introducing a carbon trading scheme (Carbon Pollution Reduction Scheme) for commencement on 1 July 2011. This Scheme, as currently described, will see the introduction of a carbon cap and permit trade system. At this stage it is understood that participation in the scheme will be determined by facility level Scope 1 emissions meeting a specific threshold. It is not anticipated that Foster's will trigger this threshold and therefore will not be directly impacted by the need to purchase and surrender permits.

Additionally, we are keeping a watching brief on the progress of similar systems on the USA and UK, and other regions in which we operate, particularly as we draw closer to the Copenhagen meeting in December 2009.

22.2. What is your overall strategy for complying with any schemes in which you are required or have elected to participate, including the EU ETS?

Foster's has developed an internal Carbon Reduction Program. This program has been designed to:

1. Prepare Foster's for changing regulation regarding carbon and emissions from across the regions in which we operate
2. Develop and implement internal systems and processes to enable us to track and report on environmental performance, including carbon emissions,
3. Reduce carbon emissions via direct projects and operational assessments

Further information

22. Carbon credits

22.3. Have you purchased any project-based carbon credits?

Yes. (Please answer the following questions)

Please indicate whether the credits are to meet one or more of the following commitments:

Primarily for voluntary offsetting of your own emissions

Please also:

22.4 Provide details including the type of unit, volume and vintage purchased and the standard/scheme against which the credits have been verified, issued and retired

(where applicable).

Foster's has purchased offsets for a couple of voluntary project-based activities. Cascade Green beer is 100% carbon offset in accordance with the Australian Government's Greenhouse Friendly program, based on the LCA. Foster's monitors ongoing production and purchases and surrenders offsets. Additionally, departments within Foster's have voluntarily elected to offset selected conferences requiring the purchase of offsets.

Foster's has purchased various carbon offsets registered under the Australian Government's Greenhouse Friendly program.

22.5. Have you been involved in the origination of project-based carbon credits?

No. (Please go to question 22.7)

22.6. Please provide details including:

- Your role in the project(s),
- The locations and technologies involved,
- The standard/scheme under which the projects are being/have been developed,
- Whether emissions reductions have been validated or verified,
- The annual volumes of generated/projected carbon credits,
- Retirement method if used for own compliance or offsetting.

22.7. Are you involved in the trading of allowances under the EU ETS and/or project-based carbon credits as a separate business activity, or in direct support of a business activity such as investment fund management or the provision of offsetting services?

No. (Please go to question 23)

22.8. Please provide details of the role performed.

Further information

Performance

23. Reduction plans & goals: (CDP6 Q3(a))

23.1. Does your company have a GHG emissions and/or energy reduction plan in place?

Yes. (Please go to question 23.3)

23.2. Please explain why.

It would aid automated analysis of responses if you could select a response from the options below as well as using the text box. However, please just use the text box provided if the options are not appropriate.

If the menu options above are not appropriate, please answer the question using the text box below:

Goal setting

23.3. Do you have an emissions and/or energy reduction target(s)?

Yes. (Please answer the following questions)

23.4 What is the baseline year for the target(s)?

The baseline for the energy target is across beer and wine production is FY 2007. The baseline for the internal carbon emissions reduction target in our beer business is FY 2000, and the carbon target in our wine business is FY 2005. The difference reflects when Foster's acquired much of the current wine operations.

23.5. What is the emissions and/or energy reduction target(s)?

Our energy reduction target seeks to reduce energy consumption by 10% per unit of production by 2011 on 2007 levels.

23.6. What are the sources or activities to which the target(s) applies?

Both targets apply to our production facilities in our Australian beer and global wine businesses.

23.7. Over what period/timescale does the target(s) extend?

The targets extend to FY 2011

Further information

23. GHG emissions and energy reduction activities

23.8. What activities are you undertaking or planning to undertake to reduce your emissions/energy use?

Foster's historical focus on energy efficiency in our Australian beer business production sites has resulted in absolute emissions reductions from FY00 in the order of 30%. Foster's currently has in place a comprehensive Energy & Water Efficiency Program, which is a core element of our Carbon Reduction Program. We assess our operations for opportunities to reduce energy consumption and carbon emissions, in addition to reducing water consumption and waste generation. This program focuses on reducing absolute energy consumption, fuel switching and looking at energy sources with a lower carbon intensity, through to improving the efficiency with which we use our current energy. Foster's have also identified key areas of the business, outside of our production facilities, where we are looking to reduce energy consumption and GHG emissions. Activity in these areas is planned fro FY09/FY10. These areas include core elements of our supply chain, IT, transport, and office buildings.

Further information

23. Goal evaluation

23.9. What benchmarks or key performance indicators do you use to assess progress against the emissions/energy reduction goals you have set?

Foster's assesses performance in energy efficiency and GHG emissions on a per unit of production bases, against our reporting baseline year of FY07 (energy efficiency) and FY00 (carbon emissions – beer) and FY05 (carbon emissions – wine)

Further information

23. Goal achievement

23.10. What emissions reductions, energy savings and associated cost savings have been achieved to date as a result of the plan and/or the activities described above? Please state the methodology and data sources you have used for calculating these reductions and savings.

Not able to ascertain from systems in operation in FY08. Upgrades and improvements to these systems in FY09 will see greater visibility of this information and performance against target.

23.11. What investment has been required to achieve the emissions reductions and energy savings targets or to carry out the activities listed in response to question 23.8 and over what period was that investment made?

Table 13 - The "Investment number" column will not accept text. Please use whole numbers only.

Emission reduction target/energy saving target or activity	Investment number	Investment currency	Timescale
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Further information

Foster's has invested capital in improvements to plant and production efficiency resulting in energy consumption and emissions reductions. Currently we are not able to isolate spend resulting in emissions reductions from overall capital investment. . Upgrades and improvements to these systems in FY09 will see greater visibility of this information and performance against target.

23. Goal planning & investment

Electric utilities should read the table in question EU3 for giving details of forecasted emissions.

23.12. What investment will be required to achieve the future targets set out in your reduction plan or to carry out the activities listed in response to question 23.8 above and over what period do you expect payback of that investment?

Table 14 - The "Number" column will not accept text. Please use whole numbers only.

Plan or action	Investment number	Investment currency	Payback
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23.13. Please estimate your company's future Scope 1 and Scope 2 emissions for the next five years for each of the main territories or regions in which you operate or provide a qualitative explanation for expected changes that could impact future GHG emissions.

If possible, please use table 15 below to structure your answer to the question or alternatively use the text box below.

Scope 1 forecasted emissions in Table 15 below are in the following units.

Scope 2 forecasted emissions in Table 15 below are in the following units.

Table 15 - The "Scope" columns will not accept text. Please use whole numbers only. Type in the name of the territory or region for which you are giving data and then press "Add Territory/Region". If giving a global figure instead of separate figures for regions or territories, please write "global" in the box labelled "Enter name of territory or region".

[Click here to see a sample table.](#)

Future reporting years:										
End date for year end DD/MM/YYYY										
Emission forecasts	Scope 1	Scope 2	Scope 1	Scope 2	Scope 1	Scope 2	Scope 1	Scope 2	Scope 1	Scope 2

23.14. Please estimate your company's future energy use for the next five years for each of the main territories or regions in which you operate or provide a qualitative explanation for expected changes that could impact future GHG emissions.

If possible, please use table 16 below to structure your answer to the question or alternatively use the text box below.

Table 16 - Please use whole numbers only. Type in the name of the territory or region for which you are giving data and a description of the data you are giving e.g. electricity consumption. Then press "Add Row". If giving a global figure instead of separate figures for regions or territories, please use the word "global". This table will also accept different types of units e.g. units of volume or mass.

[Click here to see a sample table.](#)

Future reporting years:										
End date for year end DD/MM/YYYY										
Energy use estimates for territory/region	Number	Units	Number	Units	Number	Units	Number	Units	Number	Units

23.15. Please explain the methodology used for your estimations and any assumptions made.

Further information

24. Planning: (CDP6 Q3(c))

24.1. How do you factor the cost of future emissions into capital expenditures and what impact have those estimated costs had on your investment decisions?

Requests for capital, where an energy or carbon saving is cited, include an estimate of the carbon emissions and/or energy saved. Associated carbon savings are modelled, where appropriate, using indicative relevant \$/tonne figures available. Modifications to internal systems will improve the rigour and application of this assessment process.

Further information

Governance

25. Responsibility: (CDP6 Q4(a))

25.1. Does a Board Committee or other executive body have overall responsibility for climate change?

Yes. (Please answer question 25.3 and 25.4)

25.2 Please state how overall responsibility for climate change is managed and indicate the highest level within your company with responsibility for climate change.

25.3. Which Board Committee or executive body has overall responsibility for climate change?

Our Foster's Leadership Team (FLT) oversees management of climate change issues as part of our broader environmental program. The FLT is supported by our Environment Leadership Team (ELT) which comprises key representatives from each area of our business. The purpose of the ELT is to execute and deliver against the strategic environment priorities set by the FLT.

The Foster's Board has a Risk & Compliance Sub-Committee and it is the role of that Committee to oversee the company's risk management strategies and make appropriate recommendations to the Board. That Committee has oversight of the company's risk register, and responsibility to ensure identified risks are managed appropriately. Climate change risks are listed on the risk register.

25.4. What is the mechanism by which the Board or other executive body reviews the company's progress and status regarding climate change?

The FLT receive bi-annual sustainability updates which provide information on developments and progress across the broader Foster's sustainability program. The FLT also receive updates, as required on emerging issues of significance. Most recently the FLT and Risk & Compliance Sub-Committee received a number of detailed briefings on developments in greenhouse & carbon reporting.

The ELT, which meets 6 times per year, actively addresses climate change and associated issues via its standing agenda item on energy & climate change.

Further information

26. Individual Performance: (CDP6 Q4(b))

26.1. Do you provide incentives for individual management of climate change issues including attainment of GHG targets?

Yes. (Please go to question 26.2)

26.2. Are those incentives linked to monetary rewards?

Key personnel within Foster's including our Global Manager Environment and General Manager Sustainability – Wine Production have performance plans and key performance objectives linked to environmental systems and performance. Plans are in place to further embed KPO's in relevant areas throughout the business focussed on environmental performance improvements.

Monetary rewards are in accordance with our remuneration and short term incentive plans under our performance management system

26.3. Who is entitled to benefit from those incentives?

Employees as appropriate and in line with our performance management system

Further information

27. Communications: (CDP6 Q4(c))

27.1. Do you publish information about the risks and opportunities presented to your company by climate change, details of your emissions and plans to reduce emissions?

Foster's does publish information concerning our emissions and plans to reduce our emissions via a number of mandatory and voluntary reporting programs.

If so, please indicate which of the following apply and provide details and/or a link to the documents or a copy of the relevant excerpt:

27.2. The company's Annual Report or other mainstream filings.

Yes

Page 11 of our Annual Report contains details of how Foster's Directors are managing environmental regulation including that pertaining to climate change. See <http://fostersgroup.com/mediacentre/docs/FINALAnnualReportFA.pdf>

27.3. Voluntary communications (other than to CDP) such as Corporate Social Responsibility reporting.

Yes

Details are published annually in the Foster's Sustainability Report that we have published since 2006. The Foster's 2008 Sustainability Report is available at <http://www.fostersgroup.com/sustainability/SustainabilityReport2008/Intro.htm>

We also regularly publish 'Sustainability Updates' that we send out to a subscriber list that contains updates on our performance around managing the risks and

opportunities around climate change.

Further information

28. Public Policy: (CDP6 Q4(d))

28.1. Do you engage with policymakers on possible responses to climate change including taxation, regulation and carbon trading?

Yes

Yes – Foster's actively engages governments and policy makers on issues surrounding carbon regulation and management, both directly and via industry association membership. Foster's is a founding member of the Australian Government's Greenhouse Challenge program and is working with government agencies on a number of case studies that detail Foster's experiences with the National Greenhouse and Energy Reporting Act and other legislative obligations. Foster's is also sharing with government its experiences on feed-in-tariff mechanisms in the United States as potential measures to provide incentives for cleaner energy investments. Similarly, Foster's has privately and publicly supported the aims of the Kyoto Protocol, in particular the need to achieve continuous improvements in energy efficiency and the need to minimise greenhouse gas emissions wherever possible.

Foster's shares the regulators' concerns on the potential for products to carry misleading greenhouse claims and encourages policy makers to implement clear and concise policy responses that deliver consumer confidence. For its part, Foster's participates in, and supports, the Australian Government's Greenhouse Friendly accreditation program.

Foster's has also been active in engaging governments in Australia regarding the provisions for voluntary action under the proposed Carbon Pollution Reduction Scheme. See the following link for a copy of our Joint Submission on the National Carbon Offset Standard Discussion Paper.

<http://www.climatechange.gov.au/carbonoffsetting/pubs/54JointSubmissionGreenhouseFriendlyProductsandServiceProviders.pdf>

Further information

<http://cdp.cdproject.net/attachedfiles/Responses/52879/7519/54JointSubmissionGreenhouseFriendlyProductsandServiceProviders.pdf>