

Module: Introduction**Page: Introduction****0.1****Introduction**

Please give a general description and introduction to your organization

Celgene is a multinational biopharmaceutical company committed to improving the lives of patients worldwide. At Celgene, we seek to deliver truly innovative and life-changing drugs for our patients. Our mission as a company is to build a major global biopharmaceutical corporation while focusing on the discovery, the development, and the commercialization of products for the treatment of cancer and other severe, immune, inflammatory conditions. There are numerous clinical trials at major medical centers using compounds from Celgene. Investigational compounds are being studied for patients with incurable hematological and solid tumor cancers, including multiple myeloma, myelodysplastic syndromes, chronic lymphocyte leukemia (CLL), non-Hodgkin's Lymphoma (NHL), glioblastoma, and ovarian, pancreatic and prostate cancer. As committed as we are to clinical accomplishment, we are equally committed to patient support, which is a guiding principle at Celgene. We believe all who can benefit from our discoveries should have the opportunity to do so. Celgene puts patients first with industry-leading programs that provide information, support and access to our innovative therapies.

0.2**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
Sat 01 Jan 2011 - Sat 31 Dec 2011
Fri 01 Jan 2010 - Fri 31 Dec 2010
Thu 01 Jan 2009 - Thu 31 Dec 2009
Tue 01 Jan 2008 - Wed 31 Dec 2008

0.3

Country list configuration

Please select the countries for which you will be supplying data. This selection will be carried forward to assist you in completing your response

Select country
Switzerland
United States of America

0.4

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.

USD(\$)

0.5

Please select if you wish to complete a shorter information request

0.6

Modules

As part of the Investor CDP information request, electric utilities, companies with electric utility activities or assets, companies in the automobile or auto component manufacture sectors and companies in the oil and gas industry should complete supplementary questions in addition to the main questionnaire.

If you are in these sectors (according to the Global Industry Classification Standard (GICS)), the corresponding sector modules will be marked as default options to your information request. If you want to query your classification, please email respond@cdproject.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. If you wish to view the questions first, please see <https://www.cdproject.net/en-US/Programmes/Pages/More-questionnaires.aspx>.

Module: Management [Investor]

Page: 1. Governance

1.1

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

Senior Manager/Officer

1.1a

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

Chief Operating Officer - reports to the CEO and to the Board of Directors

1.2

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

Yes

1.2a

Please complete the table

Who is entitled to benefit from these incentives?	The type of incentives	Incentivised performance indicator
Chief Operating Officer (COO)	Recognition (non-monetary)	Communicating climate change issues; Implementation of more sustainable solutions; Development of sustainability initiatives
Chief Operating Officer (COO)	Monetary reward	Communicating climate change issues; Implementation of more sustainable solutions; Development of sustainability initiatives
Other: Director of Engineering, Construction, and Carbon Management	Recognition (non-monetary)	Communicating climate change issues; Implementation of projects or initiatives to evaluate and reduce GHG emissions; Development of sustainability initiatives
Other: Director of Engineering, Construction, and Carbon Management	Monetary reward	Communicating climate change issues; Implementation of projects or initiatives to evaluate and reduce GHG emissions; Development of sustainability initiatives
Environment/sustainability managers	Recognition (non-monetary)	Communicating climate change issues; Implementation of projects or initiatives to evaluate and reduce GHG emissions; Development of sustainability initiatives
Environment/sustainability managers	Monetary reward	Communicating climate change issues; Implementation of projects or initiatives to evaluate and reduce GHG emissions; Development of sustainability initiatives
All employees	Recognition (non-monetary)	Communicating climate change issues; Implementation of more sustainable solutions; Development of sustainability initiatives; Meeting facility emission reduction targets
All employees	Other non-monetary reward	Communicating climate change issues; Implementation of more sustainable solutions; Development of sustainability initiatives; Meeting facility emission reduction targets

2.1

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

2.1a

Please provide further details (see guidance)

a) Scope of Process, includes criteria

Celgene has a companywide risk management policy that incorporates risk elements associated with climate change. The policy establishes the process by which Celgene manages and responds to situations with the potential to present a significant impact to Celgene, its employees and/or the patients they serve, including the potential to disrupt or halt normal business operations at local, regional and/or global levels. Celgene defines these risks as crisis situations requiring expedited strategic decisions from senior management. The scope of the policy includes all crisis situations that arise at Celgene locations and the corporation's contractors and marketing partners.

b) At asset level, criteria & frequency (Continual)

Each site and business unit are responsible for continual awareness of potential crisis situations that could impact the site and/or business unit. Possible crisis situations can include a wide range of issues. Specific examples included in the policy are regulatory mandates, natural disasters (e.g. earthquakes hurricanes, floods), public service interruption (e.g. electricity, water, air travel, roads, railways), and public health threats.

c) At company level

Site management and functional managers are responsible for communicating any potential crisis event to the Chair of Corporate Crisis Management Committee (Core Committee) as soon as possible. The Chief Compliance Officer (CCO) is the chair of the Core Committee. The Core Committee is convened to address a potential or real crisis concern and can determine the impact and, after consultation with the CEO, the need for convening an Extended Committee. Extended Committee members include Executive Leaders (Chief Executive Officer and Chief Financial Officer), regional managers and functional managers, as needed. Crisis management committees may also be convened at the local level as warranted. Celgene will manage crises guided by the following principles: preservation of life and/or relief of suffering; mitigation of harm; protection of employees, property and the environment; maintenance of business continuity; and maintenance of normality. The Committee Chair is responsible for documenting the crisis response strategy and coordinating all proposed actions as outlined in the strategy. Upon execution of a crisis response strategy the Committee will also identify root causes and implement long-term corrective actions including periodic follow up, as appropriate.

d) Reporting

The Committee Chair is responsible for communicating a crisis situation, the proposed crisis response strategy and, as appropriate, milestone reports to the CEO and Management Committee. The CEO or designee will update the Board of Directors, as appropriate.

2.2

Is climate change integrated into your business strategy?

No

2.2a

Please describe the process and outcomes (see guidance)

2.2b

Please explain why not

Celgene has formed a climate change team to define the climate change business strategy. Within this strategy, business goals are in the process of being identified and aligned with the corporate goals as determined to be appropriate by the executive body, actions on the risks and opportunities are being evaluated and may be executed, and corporate wide emissions reduction targets are being developed.

2.3

Do you engage with policy makers to encourage further action on mitigation and/or adaptation?

Yes

2.3a

Please explain (i) the engagement process and (ii) actions you are advocating

Celgene continues to support policy making as members of the American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) and the United States Green Building Council (USGBC). Building energy use is Celgene's largest source of greenhouse gas emissions. ASHRAE and its members focus on building systems, energy efficiency, indoor air quality and sustainability within the industry. ASHRAE's Advocacy Committee engages with state, provincial, and local officials to impress upon decision-makers how their choices will impact society. They work with city planners to support development of codes, standards, energy use metrics, and other programs that lower environmental impacts. ASHRAE advocates the adoption of their standards in public policies including building energy codes, building energy disclosure, and measures related to a higher-performance built environment.

ASHRAE is a leading source of technical expertise in the design and implementation of energy efficient buildings and a resource for policymakers in developing legislation and regulations. ASHRAE utilizes a legislative monitoring service to identify legislative information on the above issues, acting as a centralized resource of legislative information to ASHRAE members so that all can help to shape positive public policy.

ASHRAE supports the Clinton Climate Initiative (CCI), a Clinton Foundation project dedicated to making a difference in the fight against climate change in practical and measurable ways, initiating programs that directly result in substantial reductions in heat-trapping greenhouse gas emissions. ASHRAE also participates in Congressional briefings to improve scientific policies within the federal government and discuss energy efficiency in buildings.

USGBC members support a sustainable future through cost-efficient and energy-saving green buildings. The USGBC is committed to supporting federal, state and local governments and businesses in their pursuit and development of green building programs and initiatives. USGBC members have access to best practices, lessons learned and other initiatives already in place across the country. Various LEED initiatives including legislation, executive orders, resolutions, ordinances, policies, and incentives in various localities, state governments, and federal agencies or departments, and numerous public school jurisdictions and institutions of higher education across the United States.

Page: 3. Targets and Initiatives

3.1

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

No

3.1a

Please provide details of your absolute target

ID	Scope	% of emissions in scope	% reduction from base year	Base year	Base year emissions (metric tonnes CO2e)	Target year	Comment
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3.1b

Please provide details of your intensity target

ID	Scope	% of emissions in scope	% reduction from base year	Metric	Base year	Normalized base year emissions	Target year	Comment
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3.1c

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	Comments
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3.1d

Please provide details on your progress against this target made in the reporting year

ID	% complete (time)	% complete (emissions)	Comment
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3.1e

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

Celgene is currently evaluating proposed emissions reduction target options. Celgene's priorities continue to focus on how business is performed and making it more sustainable while still maintaining the flexibility to meet patients' needs into the future. It is anticipated that the trend for absolute greenhouse gas emissions will continue toward stabilization or improved reductions over the next five years as efficiency programs are implemented and operations are optimized in response to increased product demand. Although Celgene anticipates continued growth, normalized emission reductions are expected to be at least 5% over the next five years.

3.2

Does the use of your goods and/or services directly enable GHG emissions to be avoided by a third party?

No

3.2a

Please provide details (see guidance)

3.3

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

3.3a

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

Stage of development	Number of projects	Total estimated annual CO2e savings (only for rows marked *)
Under investigation	2	
To be implemented*	1	1408
Implementation commenced*	1	10
Implemented*	1	3
Not to be implemented	0	

3.3b

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

Activity type	Description of activity	Estimated annual CO2e savings	Annual monetary savings (unit currency)	Investment required (unit currency)	Payback period
Energy efficiency: building services	Celgene participates in New Jersey Clean Energy's Pay for Performance Program (Existing Buildings). This voluntary program is a comprehensive energy efficiency program that provides incentives towards whole-building energy improvements. As part of this program, the following building energy efficiency improvements are in progress at the Summit Headquarters building: boiler replacement/optimization, upgrade of building management system and direct digital controls, replacement of existing motors with NEMA premium efficient motors, chilled water system optimization, and lighting upgrades. These improvements reduce natural gas (Scope 1) and electricity (Scope 2) emissions. The estimated lifetime of the project equipment is 15-25 years.	1408	316000	2317000	>3 years
Energy efficiency: building services	Celgene International Sarl (Boudry facility) joined a voluntary energy savings program of the Swiss Private Sector Energy Agency. As part of this agreement, the Boudry facility commits itself to the active reduction of CO2 emissions and to the optimization of energy efficiency. The Boudry facility has set an annual energy saving objective, agreeing that the savings are to be achieved on the basis of the effectiveness of the measures undertaken. Ten measures have been defined for 3 years according to a signed agreement with the Agency. Measures that have been implemented in 2011 include shutdown of heating in the technical basement, reduced heating in corridors and staircases, increasing temperature in uninterruptible power supply rooms, reduced hot water flow rate and optimization of temperature in data centers.	10	3180000	40000000	<1 year
Transportation: use	Celgene voluntarily installed four electronic vehicle charging stations with the capacity to power 8 electronic hybrid vehicles for employees and visitors at the Summit Headquarters facility. Celgene applied for and was awarded a grant from the US Department of Energy for this project. The EV charging stations are anticipated to reduce commuter travel emissions by encouraging the use of more fuel efficient electric vehicles (Scope 3). The EV charging stations were installed/operational in 2011 and will be powered by a solar panel system to be installed as a separate project in 2012. The lifetime of the EV Charging stations has an estimated lifetime of 10-12 years before replacement or upgrade required.	3	0	19000	<1 year

3.3c

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

Method	Comment
Compliance with regulatory requirements/standards	
Dedicated budget for energy efficiency	
Dedicated budget for other emission reduction activities	
Employee engagement	
Financial optimization calculations	
Internal incentives/recognition programs	

3.3d

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

Page: 4. Communication

4.1

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

Publication	Page/Section Reference	Identify the attachment
In voluntary communications (complete)	Page 46 - 47	Celgene Corporate Brochure

Attachments

[https://www.cdproject.net/Sites/2012/82/2982/Investor CDP 2012/Shared Documents/Attachments/InvestorCDP2012/4.Communication/CELGBrochure121 .pdf](https://www.cdproject.net/Sites/2012/82/2982/Investor%20CDP%202012/Shared%20Documents/Attachments/InvestorCDP2012/4.Communication/CELGBrochure121.pdf)

Module: Risks and Opportunities [Investor]

Page: 2012-Investor-Risks&Opps-ClimateChangeRisks

5.1

Have you identified any climate change risks (current or future) that have potential to generate a substantive change in your business operations, revenue or expenditure? Tick all that apply

Risks driven by changes in regulation

5.1a

Please describe your risks driven by changes in regulation

ID	Risk driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact
1	Cap and trade schemes	AB32 California Cap and Trade Program limits greenhouse gas emissions from large sources, including utilities. This regulation will likely cause an increase in electricity and natural gas costs associated with energy purchasing.	Increased operational cost	1-5 years	Indirect (Supply chain)	Very likely	Medium
2	Voluntary agreements	Celgene International Sarl (Boudry facility) joined a voluntary energy savings program of the Swiss Private Sector Energy Agency. As part of this agreement, the Boudry facility commits itself to the active reduction of CO2 emissions and to the optimization of energy efficiency. The Boudry facility has	Increased capital cost	6-10 years	Direct	Very likely	Low

ID	Risk driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact
		set an annual energy saving objective, agreeing that the savings are to be achieved on the basis of the effectiveness of the measures undertaken. Ten measures have been defined for 3 years according to a signed agreement with the Agency. Measures that have been implemented in 2011 include shutdown of heating in the technical basement, reduced heating in corridors and staircases, increasing temperature in uninterruptible power supply rooms, reduced hot water flow rate and optimization of temperature in data centers.					
3	General environmental regulations, including planning	The New Jersey Global Warming Response Act set statewide limits on greenhouse gas emissions in July 2007. The law mandates reductions in greenhouse gas emissions to 1990 levels by 2020, approximately a 20 percent reduction below estimated 2020 business-as-usual emissions, followed by a further reduction of emissions to 80 percent below 2006 levels by 2050. Celgene is not currently directly impacted by this act but could be impacted directly or indirectly by various state programs implemented to meet these limits in the future. Celgene will continue to monitor this risk.	Other: Increased capital cost; Increased operational cost	Unknown	Indirect (Supply chain)	Unknown	Medium
4	Cap and trade schemes	In 2011, New Jersey formally notified the Regional Greenhouse Gas Initiative (RGGI) Signatory States that it was withdrawing its agreement to the Memorandum of Understanding and would become a non-Signatory state in 2012. RGGI allocates CO2 allowances to Signatory States. There is risk that New Jersey may choose to join the RGGI again as changes in public office occur in the future. This risk is politically linked and the likelihood is unknown, but Celgene will continue to monitor this risk.	Other: Increased capital cost; Increased operational cost	Unknown	Direct	Unknown	Medium
5	Carbon taxes	Effective in 2008. Switzerland. The Swiss carbon tax applies to natural gas and heating oil but does not apply to transport fuels, wood, or biomass.	Increased operational cost	Current	Direct	Virtually certain	Medium

5.1b

Please describe (i) the potential financial implications of the risk before taking action; (ii) the methods you are using to manage this risk; and (iii) the costs associated with these actions

1. (i) Increase in electricity and natural gas costs associated with energy purchasing. (ii) Continued energy reduction measures and employee energy conservation awareness training. (iii) Equipment replacement costs, building upgrades, employee energy conservation training.
2. (i) Reduction in energy costs, but initial investment required for measures. (ii) Continued evaluation of return on investment. (iii) Equipment replacement and upgrade costs.
3. (i) Increased capital and operating costs associated with various state implemented measures taken to reduce GHG emissions (e.g. low emission vehicle requirements, renewable energy portfolio standards, etc). (ii) Continued energy reduction measures and employee energy conservation awareness training, Continued evaluation of return on investment. (iii) Equipment replacement costs, building upgrades, employee energy conservation training.
4. (i) Capital costs associated with equipment replacement and building upgrades. Investment in carbon offsets. (ii) Continued energy reduction measures and employee energy conservation awareness training, Continued evaluation of return on investment. (iii) Equipment replacement costs, building upgrades, employee energy conservation training.
5. (i) Increased operating costs associated with purchasing natural gas. Capital costs associated with equipment replacement and building upgrades to reduce natural gas usage. (ii) Continued energy reduction measures and employee energy conservation awareness training, Continued evaluation of return on investment. (iii) Equipment replacement costs, building upgrades, employee energy conservation training.

5.1c

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

ID	Risk driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact

5.1d

Please describe (i) the potential financial implications of the risk before taking action; (ii) the methods you are using to manage this risk; and (iii) the costs associated with these actions

5.1e

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

ID	Risk driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact
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5.1f

Please describe (i) the potential financial implications of the risk before taking action; (ii) the methods you are using to manage this risk; (iii) the costs associated with these actions

5.1g

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

5.1h

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

5.1i

Please explain why you do not consider your company to be exposed to 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

6.1

Have you identified any climate change opportunities (current or future) 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

6.1a

Please describe your opportunities that are driven by changes in regulation

ID	Opportunity driver	Description	Potential impact	Timeframe	Direct/Indirect	Likelihood	Magnitude of impact
1	Cap and trade schemes	AB32 California Cap and Trade Program limits greenhouse gas emissions from large sources, including utilities. This regulation will likely cause an increase in electricity and natural gas costs associated with energy purchasing. The anticipated market response is reduction in energy usage, resulting in increased availability of carbon offsets.	Reduced operational costs	1-5 years	Indirect (Supply chain)	More likely than not	Low
2	Carbon taxes	Effective in 2008. Switzerland. 1/3 of carbon tax was allocated to climate friendly building renovations, use of renewable energy and building engineering. The Swiss carbon tax applies to natural gas and heating oil but does not apply to transport	Reduced operational costs	Current	Direct	Virtually certain	Medium

ID	Opportunity driver	Description	Potential impact	Timeframe	Direct/Indirect	Likelihood	Magnitude of impact
		fuels, wood, or biomass and its revenues are recycled back to consumers and businesses. Companies are allowed to exempt themselves from the tax by participating in a Swiss cap-and-trade emissions trading scheme where they voluntarily commit to legally binding targets to reduce their CO2 emissions.					

6.1b

Please describe (i) the potential financial implications of the opportunity; (ii) the methods you are using to manage this opportunity; (iii) the costs associated with these actions

- (i) Reduction in carbon offset price. (ii) Continued monitoring of AB32 implementation and evaluation of carbon offset price.
- (i) Reduction in carbon tax and reductions in energy consumption. (ii) Celgene International Sarl (Boudry facility) joined a voluntary energy savings program of the Swiss Private Sector Energy Agency. As part of this agreement, the Boudry facility commits itself to the active reduction of CO2 emissions and to the optimization of energy efficiency.

6.1c

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

ID	Opportunity driver	Description	Potential impact	Timeframe	Direct/Indirect	Likelihood	Magnitude of impact

6.1d

Please describe (i) the potential financial implications of the opportunity; (ii) the methods you are using to manage this opportunity; (iii) the costs associated with these actions

6.1e

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

ID	Opportunity driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact
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6.1f

Please describe (i) the potential financial implications of the opportunity; (ii) the methods you are using to manage this opportunity; (iii) the costs associated with these actions

6.1g

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

6.1h

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

6.1i

Please explain why you do not consider your company to be exposed to 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

Module: GHG Emissions Accounting, Energy and Fuel Use, and Trading [Investor]

Page: 7. Emissions Methodology

7.1

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

Base year	Scope 1 Base year emissions (metric tonnes CO2e)	Scope 2 Base year emissions (metric tonnes CO2e)
Tue 01 Jan 2008 - Wed 31 Dec 2008	6824	17800

7.2

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

The Climate Registry: General Reporting Protocol
The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
Other

7.2a

If you have selected "Other", please provide details below

US EPA Climate Leaders: Direct Emissions from Stationary Combustion
 US EPA Climate Leaders: Direct Emissions from Mobile Combustion Sources
 US EPA Climate Leaders: Indirect Emissions from Purchases/ Sales of Electricity and Steam
 US EPA Climate Leaders: Direct HFC and PFC Emissions from Use of Refrigeration and Air Conditioning Equipment
 Intergovernmental Panel on Climate Change (IPCC). 2006. Guidelines for National Greenhouse Gas Inventories

7.3

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

Gas	Reference
CH4	IPCC Second Assessment Report (SAR - 100 year)
N2O	IPCC Second Assessment Report (SAR - 100 year)
Other: R-134a	IPCC Second Assessment Report (SAR - 100 year)
Other: R-23	IPCC Second Assessment Report (SAR - 100 year)
Other: R-404a	Other: The Climate Registry: General Reporting Protocol
Other: R-407C	Other: The Climate Registry: General Reporting Protocol
Other: R-410A	Other: The Climate Registry: General Reporting Protocol
Other: R-123	Other: The Climate Registry: General Reporting Protocol
Other: R-508B	Other: The Climate Registry: General Reporting Protocol
Other: R-500	Other: The Climate Registry: General Reporting Protocol

Gas	Reference
Other: R-503	Other: The Climate Registry: General Reporting Protocol
Other: R-507	Other: The Climate Registry: General Reporting Protocol
Other: FM200	Other: The Climate Registry: General Reporting Protocol

7.4

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

Fuel/Material/Energy	Emission Factor	Unit	Reference
Natural gas	0.05	Other: kg CO2/scf	Climate Leaders' Direct Emissions from Stationary Combustion guidance document, May 2008, Table B-5
Distillate fuel oil No 2	426.1	Other: kg CO2/barrel	Climate Leaders' Direct Emissions from Stationary Combustion guidance document, May 2008, Table B-5
Wood or wood waste	1443.67	Other: kg CO2/ton	Climate Leaders' Direct Emissions from Stationary Combustion guidance document, May 2008, Table B-5
Natural gas	0.1	Other: g N2O/MMBTU	Climate Leaders' Direct Emissions from Stationary Combustion guidance document, May 2008, Table A-1
Distillate fuel oil No 2	0.6	Other: g N2O/MMBTU	Climate Leaders' Direct Emissions from Stationary Combustion guidance document, May 2008, Table A-1
Wood or wood waste	4.2	Other: g N2O/MMBTU	Climate Leaders' Direct Emissions from Stationary Combustion guidance document, May 2008, Table A-1
Natural gas	1	Other: g CH4/MMBTU	Climate Leaders' Direct Emissions from Stationary Combustion guidance document, May 2008, Table A-1
Distillate fuel oil No 2	3	Other: g CH4/MMBTU	Climate Leaders' Direct Emissions from Stationary Combustion guidance document, May 2008, Table A-1
Wood or wood waste	32	Other: g CH4/MMBTU	Climate Leaders' Direct Emissions from Stationary Combustion guidance document, May 2008, Table A-1
Other: Gasoline light-duty trucks	8.81	Other: kg CO2/gal	Climate Leaders GHG Protocol, Direct Emissions from Mobile Combustion Sources (May 2008), Tables A-1, A-6, A-7, B-1, and B-3
Other: Gasoline light-duty trucks	0.02	Other: g N2O/mile	Climate Leaders GHG Protocol, Direct Emissions from Mobile Combustion Sources (May 2008), Tables A-1, A-6, A-7, B-1, and B-3

Fuel/Material/Energy	Emission Factor	Unit	Reference
Other: Gasoline light-duty trucks	0.01	Other: g CH4/mile	Climate Leaders GHG Protocol, Direct Emissions from Mobile Combustion Sources (May 2008), Tables A-1, A-6, A-7, B-1, and B-3
Other: Passenger Cars	8.81	Other: kg CO2/gal	Climate Leaders GHG Protocol, Direct Emissions from Mobile Combustion Sources (May 2008), Tables A-1, A-6, A-7, B-1, and B-3
Other: Passenger Cars	0.02	Other: g N2O/mile	Climate Leaders GHG Protocol, Direct Emissions from Mobile Combustion Sources (May 2008), Tables A-1, A-6, A-7, B-1, and B-3
Other: Passenger Cars	0.01	Other: g CH4/mile	Climate Leaders GHG Protocol, Direct Emissions from Mobile Combustion Sources (May 2008), Tables A-1, A-6, A-7, B-1, and B-3
Other: LPG light-duty vehicles	5.79	Other: kg CO2/mile	Climate Leaders GHG Protocol, Direct Emissions from Mobile Combustion Sources (May 2008), Tables A-1, A-6, A-7, B-1, and B-3
Other: LPG light-duty vehicles	0.07	Other: g N2O/mile	Climate Leaders GHG Protocol, Direct Emissions from Mobile Combustion Sources (May 2008), Tables A-1, A-6, A-7, B-1, and B-3
Other: LPG light-duty vehicles	0.04	Other: g CH4/mile	Climate Leaders GHG Protocol, Direct Emissions from Mobile Combustion Sources (May 2008), Tables A-1, A-6, A-7, B-1, and B-3
Electricity	60.38	lb CO2 per MWh	International Energy Agency (IEA)'s CO2 Emissions from Fuel Combustion Highlights, 2010 Edition: http://www.iea.org/co2highlights/ , Switzerland
Electricity	0.00	Other: lb CH4/MWh	US Department of Energy's Energy Information Administration website http://www.eia.doe.gov/oiaf/1605/emission_factors.html , Switzerland
Electricity	0.00	Other: lb N2O/MWh	US Department of Energy's Energy Information Administration website http://www.eia.doe.gov/oiaf/1605/emission_factors.html , Switzerland
Electricity	1059.32	lb CO2 per MWh	eGRID2010 Sub Region Emission Rates for RFC East, United States of America
Electricity	0.03	Other: lb CH4/MWh	eGRID2010 Sub Region Emission Rates for RFC East, United States of America
Electricity	0.02	Other: lb N2O/MWh	eGRID2010 Sub Region Emission Rates for RFC East, United States of America
Electricity	1252.6	lb CO2 per MWh	eGRID2010 Sub Region Emission Rates for WECC Southwest, United States of America
Electricity	0.02	Other: lb CH4/MWh	eGRID2010 Sub Region Emission Rates for WECC Southwest, United States of America
Electricity	0.02	Other: lb N2O/MWh	eGRID2010 Sub Region Emission Rates for WECC Southwest, United States of America
Electricity	681.1	lb CO2 per MWh	eGRID2010 Sub Region Emission Rates for WECC California, United States of America
Electricity	0.03	Other: lb CH4/MWh	eGRID2010 Sub Region Emission Rates for WECC California, United States of America
Electricity	0.01	Other: lb N2O/MWh	eGRID2010 Sub Region Emission Rates for WECC California, United States of America

8.1

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

Equity share

8.2a

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

7504

8.2b

Please provide your gross global Scope 1 emissions figures in metric tonnes CO2e - Part 1 breakdown

Boundary	Gross global Scope 1 emissions (metric tonnes CO2e)	Comment
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8.2c

Please provide your gross global Scope 1 emissions figures in metric tonnes CO2e - Part 1 Total

Gross global Scope 1 emissions (metric tonnes CO2e) – Part 1 Total	Comment
--	---------

8.2d

Please provide your gross global Scope 1 emissions figures in metric tonnes CO2e - Part 2

Boundary	Gross global Scope 1 emissions (metric tonnes CO2e)	Comment
----------	---	---------

8.3a

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

17800

8.3b

Please provide your gross global Scope 2 emissions figures in metric tonnes CO2e - Part 1 breakdown

Boundary	Gross global Scope 2 emissions (metric tonnes CO2e)	Comment
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8.3c

Please provide your gross global Scope 2 emissions figures in metric tonnes CO2e - Part 1 Total

Gross global Scope 2 emissions (metric tonnes CO2e) - Total Part 1	Comment
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8.3d

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

Boundary	Gross global Scope 2 emissions (metric tonnes CO2e) - Other operationally controlled entities, activities or facilities	Comment
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8.4

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

8.4a

Please complete the table

Reporting Entity	Source	Scope	Explain why the source is excluded
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8.4

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

No

8.4a

Please complete the table

Source	Scope	Explain why the source is excluded
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8.5

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

Scope 1 emissions: Uncertainty range	Scope 1 emissions: Main sources of uncertainty	Scope 1 emissions: Please expand on the uncertainty in your data	Scope 2 emissions: Uncertainty range	Scope 2 emissions: Main sources of uncertainty	Scope 2 emissions: Please expand on the uncertainty in your data
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8.6

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

Not verified or assured

8.6a

Please indicate the proportion of your Scope 1 emissions that are verified/assured

8.6b

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

Level of verification or assurance	Relevant verification standard	Relevant statement attached
------------------------------------	--------------------------------	-----------------------------

8.7

Please indicate the verification/assurance status that applies to your Scope 2 emissions

Not verified or assured

8.7a

Please indicate the proportion of your Scope 2 emissions that are verified/assured

8.7b

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

Level of verification or assurance	Relevant verification standard	Relevant statement attached
------------------------------------	--------------------------------	-----------------------------

8.8

Are carbon dioxide emissions from the combustion of biologically sequestered carbon (i.e. carbon dioxide emissions from burning biomass/biofuels) relevant to your company?

Yes

8.8a

Please provide the emissions in metric tonnes CO₂e

680

Further Information

In the 4th quarter of 2010, Celgene acquired Abraxis BioScience Inc. This is a restatement of emissions to reflect this acquisition and provide consistent reporting for facilities that currently fall within Celgene's GHG inventory boundary.

Page: 8. Emissions Data - (1 Jan 2009 - 31 Dec 2009)

8.1

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

Equity share

8.2a

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

8332

8.2b

Please provide your gross global Scope 1 emissions figures in metric tonnes CO2e - Part 1 breakdown

Boundary	Gross global Scope 1 emissions (metric tonnes CO2e)	Comment
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8.2c

Please provide your gross global Scope 1 emissions figures in metric tonnes CO2e - Part 1 Total

Gross global Scope 1 emissions (metric tonnes CO2e) – Part 1 Total	Comment
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8.2d

Please provide your gross global Scope 1 emissions figures in metric tonnes CO2e - Part 2

Boundary	Gross global Scope 1 emissions (metric tonnes CO2e)	Comment
----------	---	---------

8.3a

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

19221

8.3b

Please provide your gross global Scope 2 emissions figures in metric tonnes CO2e - Part 1 breakdown

Boundary	Gross global Scope 2 emissions (metric tonnes CO2e)	Comment
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8.3c

Please provide your gross global Scope 2 emissions figures in metric tonnes CO2e - Part 1 Total

Gross global Scope 2 emissions (metric tonnes CO2e) - Total Part 1	Comment
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8.3d

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

Boundary	Gross global Scope 2 emissions (metric tonnes CO2e) - Other operationally controlled entities, activities or facilities	Comment
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8.4

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

8.4a

Please complete the table

Reporting Entity	Source	Scope	Explain why the source is excluded
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8.4

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

No

8.4a

Please complete the table

Source	Scope	Explain why the source is excluded
--------	-------	------------------------------------

8.5

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

Scope 1 emissions: Uncertainty range	Scope 1 emissions: Main sources of uncertainty	Scope 1 emissions: Please expand on the uncertainty in your data	Scope 2 emissions: Uncertainty range	Scope 2 emissions: Main sources of uncertainty	Scope 2 emissions: Please expand on the uncertainty in your data
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8.6

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

Not verified or assured

8.6a

Please indicate the proportion of your Scope 1 emissions that are verified/assured

8.6b

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

Level of verification or assurance	Relevant verification standard	Relevant statement attached
------------------------------------	--------------------------------	-----------------------------

8.7

Please indicate the verification/assurance status that applies to your Scope 2 emissions

Not verified or assured

8.7a

Please indicate the proportion of your Scope 2 emissions that are verified/assured

8.7b

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

Level of verification or assurance	Relevant verification standard	Relevant statement attached
------------------------------------	--------------------------------	-----------------------------

8.8

Are carbon dioxide emissions from the combustion of biologically sequestered carbon (i.e. carbon dioxide emissions from burning biomass/biofuels) relevant to your company?

Yes

8.8a

Please provide the emissions in metric tonnes CO₂e

741

Further Information

In the 4th quarter of 2010, Celgene acquired Abraxis BioScience Inc. This is a restatement of emissions to reflect this acquisition and provide consistent reporting for facilities that currently fall within Celgene's GHG inventory boundary.

8.1

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

Equity share

8.2a

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

8345

8.2b

Please provide your gross global Scope 1 emissions figures in metric tonnes CO2e - Part 1 breakdown

Boundary	Gross global Scope 1 emissions (metric tonnes CO2e)	Comment

8.2c

Please provide your gross global Scope 1 emissions figures in metric tonnes CO2e - Part 1 Total

Gross global Scope 1 emissions (metric tonnes CO2e) – Part 1 Total	Comment

8.2d

Please provide your gross global Scope 1 emissions figures in metric tonnes CO2e - Part 2

Boundary	Gross global Scope 1 emissions (metric tonnes CO2e)	Comment
----------	---	---------

8.3a

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

20800

8.3b

Please provide your gross global Scope 2 emissions figures in metric tonnes CO2e - Part 1 breakdown

Boundary	Gross global Scope 2 emissions (metric tonnes CO2e)	Comment
----------	---	---------

8.3c

Please provide your gross global Scope 2 emissions figures in metric tonnes CO2e - Part 1 Total

Gross global Scope 2 emissions (metric tonnes CO2e) - Total Part 1	Comment
--	---------

8.3d

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

Boundary	Gross global Scope 2 emissions (metric tonnes CO2e) - Other operationally controlled entities, activities or facilities	Comment
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8.4

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

8.4a

Please complete the table

Reporting Entity	Source	Scope	Explain why the source is excluded
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8.4

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

Yes

8.4a

Please complete the table

Source	Scope	Explain why the source is excluded
Melrose Park, IL Facility	Scope 1 and 2	Incomplete information for the period in question
Elk Grove Village, IL Facility	Scope 1 and 2	Incomplete information for the period in question

8.5

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

Scope 1 emissions: Uncertainty range	Scope 1 emissions: Main sources of uncertainty	Scope 1 emissions: Please expand on the uncertainty in your data	Scope 2 emissions: Uncertainty range	Scope 2 emissions: Main sources of uncertainty	Scope 2 emissions: Please expand on the uncertainty in your data

8.6

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

Not verified or assured

8.6a

Please indicate the proportion of your Scope 1 emissions that are verified/assured

8.6b

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

Level of verification or assurance	Relevant verification standard	Relevant statement attached
------------------------------------	--------------------------------	-----------------------------

8.7

Please indicate the verification/assurance status that applies to your Scope 2 emissions

Not verified or assured

8.7a

Please indicate the proportion of your Scope 2 emissions that are verified/assured

8.7b

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

Level of verification or assurance	Relevant verification standard	Relevant statement attached
------------------------------------	--------------------------------	-----------------------------

8.8

Are carbon dioxide emissions from the combustion of biologically sequestered carbon (i.e. carbon dioxide emissions from burning biomass/biofuels) relevant to your company?

Yes

8.8a

Please provide the emissions in metric tonnes CO2e

764

Further Information

In the 4th quarter of 2010, Celgene acquired Abraxis BioScience Inc. This is a restatement of emissions to reflect this acquisition and provide consistent reporting for facilities that currently fall within Celgene's GHG inventory boundary.

Page: 8. Emissions Data - (1 Jan 2011 - 31 Dec 2011)

8.1

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

Equity share

8.2a

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

7232

8.2b

Please provide your gross global Scope 1 emissions figures in metric tonnes CO2e - Part 1 breakdown

Boundary	Gross global Scope 1 emissions (metric tonnes CO2e)	Comment
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8.2c

Please provide your gross global Scope 1 emissions figures in metric tonnes CO2e - Part 1 Total

Gross global Scope 1 emissions (metric tonnes CO2e) – Part 1 Total	Comment
--	---------

8.2d

Please provide your gross global Scope 1 emissions figures in metric tonnes CO2e - Part 2

Boundary	Gross global Scope 1 emissions (metric tonnes CO2e)	Comment
----------	---	---------

8.3a

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

18761

8.3b

Please provide your gross global Scope 2 emissions figures in metric tonnes CO2e - Part 1 breakdown

Boundary	Gross global Scope 2 emissions (metric tonnes CO2e)	Comment
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8.3c

Please provide your gross global Scope 2 emissions figures in metric tonnes CO2e - Part 1 Total

Gross global Scope 2 emissions (metric tonnes CO2e) - Total Part 1	Comment
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8.3d

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

Boundary	Gross global Scope 2 emissions (metric tonnes CO2e) - Other operationally controlled entities, activities or facilities	Comment
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8.4

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

8.4a

Please complete the table

Reporting Entity	Source	Scope	Explain why the source is excluded
------------------	--------	-------	------------------------------------

8.4

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

Yes

8.4a

Please complete the table

Source	Scope	Explain why the source is excluded
Melrose Park, IL Facility	Scope 1 and 2	Incomplete information for the period in question
Elk Grove Village, IL Facility	Scope 1 and 2	Incomplete information for the period in question

8.5

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

Scope 1 emissions: Uncertainty range	Scope 1 emissions: Main sources of uncertainty	Scope 1 emissions: Please expand on the uncertainty in your data	Scope 2 emissions: Uncertainty range	Scope 2 emissions: Main sources of uncertainty	Scope 2 emissions: Please expand on the uncertainty in your data
--------------------------------------	--	--	--------------------------------------	--	--

Scope 1 emissions: Uncertainty range	Scope 1 emissions: Main sources of uncertainty	Scope 1 emissions: Please expand on the uncertainty in your data	Scope 2 emissions: Uncertainty range	Scope 2 emissions: Main sources of uncertainty	Scope 2 emissions: Please expand on the uncertainty in your data
More than 10% but less than or equal to 20%	Assumptions Metering/ Measurement Constraints Data Management	Utility metering data, used to collect natural gas usage activity data comprising the majority of Scope 1 emissions, has minor uncertainty associated with equipment accuracy. HFCs emissions, the second largest source of Scope 1 emissions, are based upon estimates for equipment leakage rates rather than actual data and have a much greater degree of uncertainty. The majority of the fuel oil usage data is metered but a portion of the fuel oil usage data is estimated based upon fuel purchase records and equipment run times resulting in some uncertainty. Although a minor source of emissions, gasoline usage for mobile sources is estimated based upon mileage and fuel efficiency estimates. Potential for uncertainty also lies in data management practices as the activity data is manually transferred from invoicing records to data collection spreadsheets and then to calculation spreadsheets.	More than 2% but less than or equal to 5%	Metering/ Measurement Constraints Data Management	Utility metering data is used to collect electricity usage activity data. Although utility meters are routinely calibrated by the utilities the metering data is subject to minor uncertainties associated with the accuracy of the metering equipment. Potential for uncertainty also lies in data management practices as the activity data is manually transferred from utility invoicing records to data collection spreadsheets and then to calculation spreadsheets.

8.6

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

Not verified or assured

8.6a

Please indicate the proportion of your Scope 1 emissions that are verified/assured

8.6b

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

Level of verification or assurance	Relevant verification standard	Relevant statement attached
------------------------------------	--------------------------------	-----------------------------

8.7

Please indicate the verification/assurance status that applies to your Scope 2 emissions

Not verified or assured

8.7a

Please indicate the proportion of your Scope 2 emissions that are verified/assured

8.7b

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

Level of verification or assurance	Relevant verification standard	Relevant statement attached
------------------------------------	--------------------------------	-----------------------------

8.8

Are carbon dioxide emissions from the combustion of biologically sequestered carbon (i.e. carbon dioxide emissions from burning biomass/biofuels) relevant to your company?

Yes

8.8a

Please provide the emissions in metric tonnes CO2e

655

Page: 9. Scope 1 Emissions Breakdown - (1 Jan 2008 - 31 Dec 2008)

9.1

Do you have Scope 1 emissions sources in more than one country or region (if covered by emissions regulation at a regional level)?

Yes

9.1a

Please complete the table below

Country	Scope 1 metric tonnes CO2e
United States of America	7241

Country	Scope 1 metric tonnes CO2e
Switzerland	263

9.2

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

9.2a

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

Business Division	Scope 1 metric tonnes CO2e
-------------------	----------------------------

9.2b

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

Facility	Scope 1 metric tonnes CO2e
----------	----------------------------

9.2c

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

GHG type	Scope 1 metric tonnes CO2e
----------	----------------------------

9.2d

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

Activity	Scope 1 metric tonnes CO2e
----------	----------------------------

Further Information

In the 4th quarter of 2010, Celgene acquired Abraxis BioScience Inc. This is a restatement of emissions to reflect this acquisition and provide consistent reporting for facilities that currently fall within Celgene's GHG inventory boundary.

Page: 9. Scope 1 Emissions Breakdown - (1 Jan 2009 - 31 Dec 2009)

9.1

Do you have Scope 1 emissions sources in more than one country or region (if covered by emissions regulation at a regional level)?

Yes

9.1a

Please complete the table below

Country	Scope 1 metric tonnes CO2e
United States of America	8082
Switzerland	251

9.2

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

9.2a

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

Business Division	Scope 1 metric tonnes CO2e
-------------------	----------------------------

9.2b

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

Facility	Scope 1 metric tonnes CO2e
----------	----------------------------

9.2c

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

GHG type	Scope 1 metric tonnes CO2e
----------	----------------------------

9.2d

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

Activity	Scope 1 metric tonnes CO2e
----------	----------------------------

Further Information

In the 4th quarter of 2010, Celgene acquired Abraxis BioScience Inc. This is a restatement of emissions to reflect this acquisition and provide consistent reporting for facilities that currently fall within Celgene's GHG inventory boundary.

Page: 9. Scope 1 Emissions Breakdown - (1 Jan 2010 - 31 Dec 2010)

9.1

Do you have Scope 1 emissions sources in more than one country or region (if covered by emissions regulation at a regional level)?

Yes

9.1a

Please complete the table below

Country	Scope 1 metric tonnes CO2e
United States of America	8053
Switzerland	293

9.2

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

9.2a

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

Business Division	Scope 1 metric tonnes CO2e
-------------------	----------------------------

9.2b

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

Facility	Scope 1 metric tonnes CO2e
----------	----------------------------

9.2c

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

GHG type	Scope 1 metric tonnes CO2e
----------	----------------------------

9.2d

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

Activity	Scope 1 metric tonnes CO2e
----------	----------------------------

Further Information

In the 4th quarter of 2010, Celgene acquired Abraxis BioScience Inc. This is a restatement of emissions to reflect this acquisition and provide consistent reporting for facilities that currently fall within Celgene's GHG inventory boundary.

Page: 9. Scope 1 Emissions Breakdown - (1 Jan 2011 - 31 Dec 2011)

9.1

Do you have Scope 1 emissions sources in more than one country or region (if covered by emissions regulation at a regional level)?

Yes

9.1a

Please complete the table below

Country	Scope 1 metric tonnes CO2e
United States of America	7015
Switzerland	217

9.2

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

By facility
By GHG type
By activity

9.2a

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

Business Division	Scope 1 metric tonnes CO2e
-------------------	----------------------------

9.2b

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

Facility	Scope 1 metric tonnes CO2e
Boudry	217
Cedar Knolls	22
Phoenix	2420
San Diego	28
Summit	3957
Warren	588

9.2c

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

GHG type	Scope 1 metric tonnes CO2e
CO2	5137
CH4	7
N2O	12
HFCs	2732

9.2d

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

Activity	Scope 1 metric tonnes CO2e
Stationary Combustion	4447
Mobile Combustion	47
Refrigeration and Fire Suppression	2732
Lab Chemicals	6

Page: 10. Scope 2 Emissions Breakdown - (1 Jan 2008 - 31 Dec 2008)

10.1

Do you have Scope 2 emissions sources in more than one country or region (if covered by emissions regulation at a regional level)?

Yes

10.1a

Please complete the table below

Country	Scope 2 metric tonnes CO2e
United States of America	17751
Switzerland	49

10.2

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

10.2a

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

Business division	Scope 2 metric tonnes CO2e
-------------------	----------------------------

10.2b

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

Facility	Scope 2 metric tonnes CO2e
----------	----------------------------

10.2c

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

Activity	Scope 2 metric tonnes CO2e
----------	----------------------------

Further Information

In the 4th quarter of 2010, Celgene acquired Abraxis BioScience Inc. This is a restatement of emissions to reflect this acquisition and provide consistent reporting for facilities that currently fall within Celgene's GHG inventory boundary.

Page: 10. Scope 2 Emissions Breakdown - (1 Jan 2009 - 31 Dec 2009)

10.1

Do you have Scope 2 emissions sources in more than one country or region (if covered by emissions regulation at a regional level)?

Yes

10.1a

Please complete the table below

Country	Scope 2 metric tonnes CO2e
United States of America	19156
Switzerland	65

10.2

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

10.2a

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

Business division	Scope 2 metric tonnes CO2e
-------------------	----------------------------

10.2b

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

Facility	Scope 2 metric tonnes CO2e
----------	----------------------------

10.2c

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

Activity	Scope 2 metric tonnes CO2e
----------	----------------------------

Further Information

In the 4th quarter of 2010, Celgene acquired Abraxis BioScience Inc. This is a restatement of emissions to reflect this acquisition and provide consistent reporting for facilities that currently fall within Celgene's GHG inventory boundary.

Page: 10. Scope 2 Emissions Breakdown - (1 Jan 2010 - 31 Dec 2010)

10.1

Do you have Scope 2 emissions sources in more than one country or region (if covered by emissions regulation at a regional level)?

Yes

10.1a

Please complete the table below

Country	Scope 2 metric tonnes CO2e
United States of America	20772
Switzerland	78

10.2

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

10.2a

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

Business division	Scope 2 metric tonnes CO2e
-------------------	----------------------------

10.2b

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

Facility	Scope 2 metric tonnes CO2e
----------	----------------------------

10.2c

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

Activity	Scope 2 metric tonnes CO2e
----------	----------------------------

Further Information

In the 4th quarter of 2010, Celgene acquired Abraxis BioScience Inc. This is a restatement of emissions to reflect this acquisition and provide consistent reporting for facilities that currently fall within Celgene's GHG inventory boundary.

10.1

Do you have Scope 2 emissions sources in more than one country or region (if covered by emissions regulation at a regional level)?

Yes

10.1a

Please complete the table below

Country	Scope 2 metric tonnes CO2e
United States of America	18657
Switzerland	104

10.2

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

By facility
By activity

10.2a

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

Business division	Scope 2 metric tonnes CO2e
-------------------	----------------------------

10.2b

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

Facility	Scope 2 metric tonnes CO2e
Boudry	104
Cedar Knolls	172
Phoenix	8156
San Diego	1484
Summit	7870
Warren	975

10.2c

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

Activity	Scope 2 metric tonnes CO2e
Purchased Electricity	18761

Page: 11. Emissions Scope 2 Contractual

11.1

Do you consider that the grid average factors used to report Scope 2 emissions in Question 8.3 reflect the contractual arrangements you have with electricity suppliers?

Yes

11.1a

You may report a total contractual Scope 2 figure in response to this question. Please provide your total global contractual Scope 2 GHG emissions figure in metric tonnes CO2e

11.1b

Explain the basis of the alternative figure (see guidance)

11.2

Has your organization retired any certificates, e.g. Renewable Energy Certificates, associated with zero or low carbon electricity within the reporting year or has this been done on your behalf?

No

11.2a

Please provide details including the number and type of certificates

Type of certificate	Number of certificates	Comments
---------------------	------------------------	----------

Page: 12. Energy

12.1

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

12.2

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

Energy type	MWh
Fuel	26388
Electricity	41536
Heat	0
Steam	0
Cooling	0

12.3

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

Fuels	MWh
Natural gas	23813
Distillate fuel oil No 2	529
Wood or wood waste	2046

Page: 13. Emissions Performance

13.1

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

Decreased

13.1a

Please complete the table

Reason	Emissions value (percentage)	Direction of change	Comment
Emissions reduction activities	5	Decrease	Emission reduction activities, including the Pay for Performance Program, have contributed to an overall decrease in GHG emissions, despite continued growth of Celgene. Since most of our GHG emissions are from purchased electricity and stationary combustion units, we expect growth to continue to affect GHG emissions at a similar pace to the use of our facilities, but we will continue to investigate and implement emission reduction activities.
Change in physical operating conditions	5	Decrease	Meteorological conditions facilitated less conditioning of the buildings. Market conditions and carbon taxes encouraged the use of lower greenhouse gas emissions producing fuels.

13.2

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

Intensity figure	Metric numerator	Metric denominator	% change from previous year	Direction of change from previous year	Reason for Change
0.0000054	metric tonnes CO2e	unit total revenue	33	Decrease	Reduced emissions and increased total revenue in 2011.

13.3

Please describe your gross combined Scope 1 and 2 emissions for the reporting year in metric tonnes CO2e per full time equivalent (FTE) employee

Intensity figure	Metric numerator	Metric denominator	% change from previous year	Direction of change from previous year	Reason for Change
5.83	metric tonnes CO2e	FTE Employee	6	Decrease	Reduced emissions and increased

Intensity figure	Metric numerator	Metric denominator	% change from previous year	Direction of change from previous year	Reason for Change
					headcounts in 2011.

13.4

Please provide an additional intensity (normalized) metric that is appropriate to your business operations

Intensity figure	Metric numerator	Metric denominator	% change from previous year	Direction of change from previous year	Reason for Change
0.021	metric tonnes CO2e	square foot	11	Decrease	Reduced emissions in 2011.

Page: 14. Emissions Trading

14.1

Do you participate in any emission trading schemes?

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

14.1a

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

14.1b

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

14.2

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

No

14.2a

Please complete the following table

Credit origination or credit purchase	Project type	Project identification	Verified to which standard	Number of credits (metric tonnes of CO2e)	Number of credits (metric tonnes CO2e): Risk adjusted volume	Credits retired	Purpose e.g. compliance
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15.1

Please provide data on sources of Scope 3 emissions that are relevant to your organization

Sources of Scope 3 emissions	metric tonnes CO2e	Methodology	If you cannot provide a figure for emissions, please describe them
Purchased			Emissions from purchased goods and services include those activities associated with the following suppliers:

Sources of Scope 3 emissions	metric tonnes CO2e	Methodology	If you cannot provide a figure for emissions, please describe them
goods & services			Medical Devices, Engineering and Construction Services, Raw Goods and materials for processing & manufacturing Celgene's pharmaceutical products, Consulting Services.
Waste generated in operations			This source of Scope 3 emissions is associated with Celgene's contracted municipal solid waste disposal that is ultimately sent to an off-site landfill. The decomposition of organic solid waste in the landfill results in a release of greenhouse gas emissions. Celgene has implemented a waste recycling program in an effort to reduce the quantity of waste being disposed.
Business travel			This source of Scope 3 emissions includes official Celgene employee business travel. Methods of business travel typically include airplane, taxi cab/limo and rental vehicles, but could also include some personal vehicle, bus or rail travel. Emissions from business travel include those from the combustion of fuels. Efforts will be implemented in 2012 to better characterize and collect business travel data.
Employee commuting			Employee commuting includes the travel of Celgene employees between their homes and primary work location. The primary method of employee commuting is a single-person occupied personal vehicle. Other methods include employee carpooling, walking, bicycling and public transportation (train, bus). Emissions from employee commuting include those from the combustion of fuels. Efforts are being considered to better characterize and collect employee commuting data.

15.2

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

Not verified or assured

15.2a

Please indicate the proportion of your Scope 3 emissions that are verified/assured

15.2b

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

Level of verification or assurance	Relevant verification standard	Relevant statement attached
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15.3

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

No, we don't have any emissions data

15.3a

Please complete the table

Sources of Scope 3 emissions	Reason for change	Emissions value (percentage)	Direction of change	Comment
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Module: Sign Off

Page: Sign Off

Please enter the name of the individual that has signed off (approved) the response and their job title

Douglas Mac Gorman, Director of Engineering, Construction and Carbon Management

Carbon Disclosure Project