

Module: Introduction**Page: Introduction**

CC0.1**Introduction**

Please give a general description and introduction to your organization.

Kongsberg Gruppen (KONGSBERG) is an international, knowledge-based group that offers high-technology systems and solutions to customers in the oil and gas industry, the merchant marine, and the defence and aerospace industries. The Group consists of the four business areas described below. Kongsberg Maritime delivers positioning, surveillance, navigation and automation systems for merchant vessels and the offshore industry. The business area is a market leader in dynamic positioning, automation and surveillance systems, process automation, satellite navigation and hydroacoustics, as well as material handling equipment for use on deck for offshore vessels. Kongsberg Oil and Gas Technologies provides technology, products and services for surveillance, integration, analysis, simulation, quality assurance, and governance for drilling and production operation. Kongsberg Defence Systems is Norway's premier supplier of defence and aerospace-related systems. The portfolio comprises products and systems for command and control, weapons guidance and surveillance, communications solutions and missiles. Kongsberg Defence Systems also makes advanced composites and engineering products for aircraft and helicopter market. Kongsberg Protech Systems is one of the world's leading suppliers of remotely controlled weapons control systems with the highly successful PROTECTOR Remote Weapon Station.

CC0.2**Reporting Year**

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

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

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

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

Enter Periods that will be disclosed

Tue 01 Jan 2013 - Tue 31 Dec 2013

CC0.3

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

Brazil
Canada
China
India
Norway
Poland
Singapore
South Korea
United Kingdom
United States of America

CC0.4

Currency selection

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

NOK

CC0.6

Modules

As part of the request for information on behalf of investors, electric utilities, companies with electric utility activities or assets, companies in the automobile or auto component manufacture sectors, companies in the oil and gas industry, companies in the information technology and telecommunications sectors and companies in the food, beverage and tobacco sectors 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 not appear below but will automatically appear in the navigation bar when you save this page. If you want to query your classification, please email respond@cdp.net.

If you have not been presented with a sector module that you consider would be appropriate for your company to answer, please select the module below. If you wish to view the questions first, please see <https://www.cdp.net/en-US/Programmes/Pages/More-questionnaires.aspx>.

Further Information

Module: Management

Page: CC1. Governance

CC1.1

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

Individual/Sub-set of the Board or other committee appointed by the Board

CC1.1a

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

The Corporate Board of Directors bears the ultimate responsibility for KONGSBERG's contribution to sustainable development, including climate change . The CEO and the Executive management bears the ultimate responsibility for the Group's strategy, development and day-to-day work. The Group has a Forum for Sustainability & CSR that forms a link between the business areas, the Corporate Centre and executive management in respect of issues associated with

sustainability & csr and climate change. The Groups Council for Climate and Environment is responsible for drawing up and propose environmental goals at the corporate level, for following up the goals in the business areas, and for routines and reporting at the corporate level. Climate strategy was a focal point in 2013. The Council for Climate and Environment reports to Forum for Sustainability & csr. The day-to-day management is the responsibility of the Corporate VP Sustainability & CSR.

CC1.2

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

No

CC1.2a

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

Who is entitled to benefit from these incentives?	The type of incentives	Incentivized performance indicator

Further Information

Page: CC2. Strategy

CC2.1

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

There are no documented processes for assessing and managing risks and opportunities from climate change

CC2.1a

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

Frequency of monitoring	To whom are results reported	Geographical areas considered	How far into the future are risks considered?	Comment
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CC2.1b

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

CC2.1c

How do you prioritize the risks and opportunities identified?

CC2.1d

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

Main reason for not having a process	Do you plan to introduce a process?	Comment
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Main reason for not having a process	Do you plan to introduce a process?	Comment
Insufficient resources to complete risk assessment	Yes	We are planning to analyse global megatrends in the light of our "licence to operate" - this will include climate change

CC2.2

Is climate change integrated into your business strategy?

No

CC2.2a

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

CC2.2b

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

Climate change is currently managed by means of a separate climate change strategy. However, KONGSBERG expect that within the next 1-2 years climate change will be integrated in the enterprise risk management process and thus be more closely integrated in the group business strategy,

CC2.3

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

Trade associations

CC2.3a

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

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

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

Yes

CC2.3c

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

Trade association	Is your position on climate change consistent with theirs?	Please explain the trade association's position	How have you, or are you attempting to, influence the position?
Confederation of Norwegian Enterprise	Consistent	How the business and industry sector will contribute: The business and industry sector will develop the best solutions when markets are characterised by innovation and competition. Technology constitutes a decisive factor both in relation to innovation, and with regard to utilising the best available technology. The business and industry sector aims to: • Ensure that the best available, commercial technologies, individual components and systems are being utilised as quickly as possible both locally and globally. The business and industry sector will contribute actively towards the identification and removal of barriers preventing rapid implementation. • Make an offensive effort in relation to energy efficiency, including the raising of competence for the actors within the different sectors and with regard to further development and	

Trade association	Is your position on climate change consistent with theirs?	Please explain the trade association's position	How have you, or are you attempting to, influence the position?
		implementation of technologies and systems. • Strengthen long-term technology development within the area of energy efficiency, renewable energy, carbon capture and storage. • Include climate assessments and climate costs in all investment decisions and offer products that in a lifecycle perspective will yield low energy consumption and low emissions. Demonstrate through product information and labelling schemes the options that are available to environmentally-conscious consumers. • Increase corporate awareness as to how each individual enterprise both directly and indirectly contribute to climate change. Raise awareness of the corporate effort to reduce greenhouse gas emissions, and in collaboration with the employees initiate common measures at the workplace. How the authorities can contribute: Political frameworks must promote innovation and cost-effective solutions, and balance national and global measures and effects. Rules and framework conditions must be clarified sufficiently early to ensure that the business and industry sector is granted predictability and adequate time to develop solutions. Markets and solutions are developed through interaction between the business and industry sector, the authorities, research institutions and the consumers/the general public.	
Federation of Norwegian Industries	Mixed	Federation of Norwegian Industries has a position when it comes to reducing the global footprint that are aligned with global (UN, EU) and national agreements.	Member of the Board
Martim Forum	Unknown	Norway is a leading maritime nation, and have to take responsibility for the environment and climate change	Chair of the Board

CC2.3d

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

CC2.3e

Do you fund any research organizations to produce or disseminate public work on climate change?

CC2.3f

Please describe the work and how it aligns with your own strategy on climate change

CC2.3g

Please provide details of the other engagement activities that you undertake

CC2.3h

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

Routine follow-up

CC2.3i

Please explain why you do not engage with policy makers

Further Information

Page: CC3. Targets and Initiatives

CC3.1

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

Intensity target

CC3.1a

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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CC3.1b

Please provide details of your intensity target

ID	Scope	% of emissions in scope	% reduction from base year	Metric	Base year	Normalized base year emissions	Target year	Comment
Int1	Scope 1+2+3	85%	10%	metric tonnes CO2e per unit revenue	2010	1.29	2015	Only business travel by air booked from Norway is included in the baseline for scope 3 emissions. Emissions from business travel booked outside Norway is included in reported emissions for 2013. . In total it is estimated that 85 % of CO2 emissions is included in the scope

CC3.1c

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

ID	Direction of change anticipated in absolute Scope 1+2 emissions at target completion?	% change anticipated in absolute Scope 1+2 emissions	Direction of change anticipated in absolute Scope 3 emissions at target completion?	% change anticipated in absolute Scope 3 emissions	Comment
Int1	No change		No change		In the reporting year 2013 both, scope 1 and scope 2 emissions increased. Scope 3 emissions also increased, both the total numbers and the emissions reported for travels bought in Norway alone.

CC3.1d

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

ID	% complete (time)	% complete (emissions)	Comment
	60%	0%	The intensity measure rose to 1,55 tonnesCO ₂ / mill NOK compared to 1.35 for previous year and 1,29 that is the target 2 years from now.(Emissions from flights bought outside of Norway counts for half of the increase. For these emissions there is no baseline data and values were included for the first time this year)

CC3.1e

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

CC3.2

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

Yes

CC3.2a

Please provide details of how the use of your goods and/or services directly enable GHG emissions to be avoided by a third party

Green shipping:

Kongsberg Maritime develops products that result in cleaner, more efficient vessel operation. The goal is to develop and integrate the green concept throughout the product portfolio. Our systems optimise vessel operation and control by taking advantage of the engines as well as the onboard navigation system. The goal is to monitor operations and help the vessel's operators reduce the use of bunker oil, thereby minimising greenhouse gas emissions.

CC3.3

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

Yes

CC3.3a

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

Stage of development	Number of projects	Total estimated annual CO2e savings in metric tonnes CO2e (only for rows marked *)
Under investigation	8	
To be implemented*	11	973
Implementation commenced*	1	386

Stage of development	Number of projects	Total estimated annual CO2e savings in metric tonnes CO2e (only for rows marked *)
Implemented*		
Not to be implemented		

CC3.3b

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

Activity type	Description of activity	Estimated annual CO2e savings (metric tonnes CO2e)	Annual monetary savings (unit currency - as specified in CC0.4)	Investment required (unit currency - as specified in CC0.4)	Payback period	Estimated lifetime of the initiative, years	Comment
Energy efficiency: Processes	Heat recovery at district heating production facility in Norway.	386					2013 had lower operating hours for this system than planned and the results were lower than estimated annual savings and also clearly below 2012 figures.

CC3.3c

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

Method	Comment
Internal incentives/recognition programs	The group emission reduction target has been implemented in the line organization with a clear expectation that managers initiate the necessary actions within own organization. Progress towards the target will be reported regularly in the Forum for Sustainability & csr and in management reviews to ensure a continuous drive towards emission reduction activities across the group.

CC3.3d

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

Further Information

Page: CC4. Communication

CC4.1

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

Publication	Page/Section reference	Attach the document
In voluntary communications (complete)	17, 20, 25, 30-31, 37	https://www.cdp.net/sites/2014/58/10258/Investor CDP 2014/Shared Documents/Attachments/CC4.1/SustainabilityReport2013.pdf

Further Information

Module: Risks and Opportunities

Page: CC5. Climate Change Risks

CC5.1

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

Risks driven by changes in regulation

CC5.1a

Please describe your risks driven by changes in regulation

Risk driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
Carbon taxes	Carbon taxes may impact directly on KONGSBERG's operational costs. A key part of KONGSBERG's current work with climate change strategy including emission reduction action plans is therefore to identify measures that improve KONGSBERG's energy efficiency. By reducing the energy demand, KONGSBERG	Increased operational cost	Unknown	Indirect (Supply chain)	Very likely	Low-medium			

CC5.1d

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

CC5.1e

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

Risks driven by physical climate parameters has not been assessed. We are planning to start at risk assessment during 2014

CC5.1f

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

Risks driven by other climate parameters has not been assessed. We are planning to start at risk assessment during 2014

Further Information

Page: CC6. Climate Change Opportunities

CC6.1

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

Opportunities driven by changes in regulation

CC6.1a

Please describe your opportunities that are driven by changes in regulation

Opportunity driver	Description	Potential impact	Timeframe	Direct/Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
Air pollution limits	More stringent air pollution regulations in the maritime sector may increase the demand for Kongsberg Maritime's green ship products and services.	Increased demand for existing products/services	1 to 3 years	Direct	Likely	Medium			
Fuel/energy taxes and regulations	Requirements for ship energy efficiency (EEOI, EEDI and SEEMP) may increase the demand for Kongsberg Maritime's green ship products and services.	Increased demand for existing products/services	1 to 3 years	Direct	Likely	Medium			
Carbon taxes	Implementation of carbon taxes and/or cap and	Increased demand for existing	>6 years	Direct	More likely than not	Medium			

CC6.1d

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

CC6.1e

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

Opportunities driven by physical climate parameters have not been assessed

CC6.1f

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

Opportunities driven by other climate-related developments have not been assessed.

Further Information

Module: GHG Emissions Accounting, Energy and Fuel Use, and Trading

Page: CC7. Emissions Methodology

CC7.1

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

Base year	Scope 1 Base year emissions (metric tonnes CO2e)	Scope 2 Base year emissions (metric tonnes CO2e)
Fri 01 Jan 2010 - Fri 31 Dec 2010	4869	6193

CC7.2

Please give the name of the standard, protocol or methodology you have used to collect activity data and calculate Scope 1 and Scope 2 emissions

Please select the published methodologies that you use

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

CC7.2a

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

CC7.3

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

Gas	Reference
CO2	IPCC Fourth Assessment Report (AR4 - 100 year)

CC7.4

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

Fuel/Material/Energy	Emission Factor	Unit	Reference
Other:			

Further Information

Same factors as previous year: It is considered appropriate to keep constant emission factors for the whole targeted period as this will better reflect results from implemented measures.

Attachments

[https://www.cdp.net/sites/2014/58/10258/Investor CDP 2014/Shared Documents/Attachments/InvestorCDP2014/CC7.EmissionsMethodology/Emission factors.pdf](https://www.cdp.net/sites/2014/58/10258/Investor%20CDP%202014/Shared%20Documents/Attachments/InvestorCDP2014/CC7.EmissionsMethodology/Emission%20factors.pdf)

CC8.1

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

Financial control

CC8.2

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

1179

CC8.3

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

9921

CC8.4

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

Yes

CC8.4a

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

Source	Relevance of Scope 1 emissions from this source	Relevance of Scope 2 emissions excluded from this source	Explain why the source is excluded
Emissions of CH4 and N2O	Emissions are not relevant	Emissions are not relevant	

CC8.5

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

Scope 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 5% but less than or equal to 10%	Data Gaps Metering/ Measurement Constraints Data Management	Accuracy is generally good, but some locations have constraints on the level of detail provided by current metering	More than 20% but less than or equal to 30%	Data Gaps Metering/ Measurement Constraints Data Management	The majority of the uncertainty is due to the lack of a commonly accepted grid electricity emission factor for Norway (where the majority of the electricity is consumed). Published factors by IEA do not consider imports and exports and thus understate actual emissions significantly. Currently, an emission factor employed by the "Climate and pollution agency" is used, but there is no national consensus on this in Norway at the moment.

CC8.6

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

Third party verification or assurance complete

CC8.6a

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

Type of verification or assurance	Attach the statement	Page/section reference	Relevant standard	Proportion of reported Scope 1 emissions verified (%)
Limited assurance	https://www.cdp.net/sites/2014/58/10258/Investor CDP 2014/Shared Documents/Attachments/CC8.6a/SustainabilityReport2013.pdf	42	ASAE3000	90

CC8.6b

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

Regulation	% of emissions covered by the system	Compliance period	Evidence of submission
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CC8.7

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

Third party verification or assurance complete

CC8.7a

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

Type of verification or assurance	Attach the statement	Page/Section reference	Relevant standard	Proportion of Scope 2 emissions verified (%)
Limited assurance	https://www.cdp.net/sites/2014/58/10258/Investor CDP 2014/Shared Documents/Attachments/CC8.7a/SustainabilityReport2013.pdf		ASAE3000	90

CC8.8

Please identify if any data points other than emissions figures have been verified as part of the third party verification work undertaken

Additional data points verified	Comment
Year on year change in emissions (Scope 1 and 2)	

CC8.9

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

No

CC8.9a

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

Further Information

Page: CC9. Scope 1 Emissions Breakdown - (1 Jan 2013 - 31 Dec 2013)

CC9.1

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

Yes

CC9.1a

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

Country/Region	Scope 1 metric tonnes CO2e
Canada	80
China	130
Norway	594
Poland	75
United Kingdom	64
United States of America	236

CC9.2

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

By business division

CC9.2a

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

Business division	Scope 1 emissions (metric tonnes CO2e)
KDS	2.2
Kongsberg Group ASA	0
KM	346.9
KOGT	0
KPS	236.3
KTP	594

CC9.2b

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

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

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

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

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

Activity	Scope 1 emissions (metric tonnes CO2e)
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CC9.2e

Please break down your total gross global Scope 1 emissions by legal structure

Legal structure	Scope 1 emissions (metric tonnes CO2e)
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Further Information

Page: CC10. Scope 2 Emissions Breakdown - (1 Jan 2013 - 31 Dec 2013)

CC10.1

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

Yes

CC10.1a

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

Country/Region	Scope 2 metric tonnes CO2e	Purchased and consumed electricity, heat, steam or cooling (MWh)	Purchased and consumed low carbon electricity, heat, steam or cooling accounted for CC8.3 (MWh)
Canada	169		
China	1484		
Brazil	30		
India	174		
South Korea	413		
Norway	4390		
Poland	120		
Singapore	437		
United Kingdom	473		
United States of America	2227		

CC10.2

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

By business division

CC10.2a

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

Business division	Scope 2 emissions (metric tonnes CO2e)
Kongsberg group	18
KM	4834
KOGT	717
KPS	1394
KDS	1364
KTP	1486

CC10.2b

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

Facility	Scope 2 emissions (metric tonnes CO2e)
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CC10.2c

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

Activity	Scope 2 emissions (metric tonnes CO2e)
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CC10.2d

Please break down your total gross global Scope 2 emissions by legal structure

Legal structure	Scope 2 emissions (metric tonnes CO2e)
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Further Information

Page: CC11. Energy

CC11.1

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

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

CC11.2

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

Energy type	MWh
Fuel	4601
Electricity	94802
Heat	47023

Energy type	MWh
Steam	
Cooling	

CC11.3

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

Fuels	MWh
Natural gas	2924.7
Diesel/Gas oil	1676.6

CC11.4

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

Basis for applying a low carbon emission factor	MWh associated with low carbon electricity, heat, steam or cooling	Comment
Non-grid connected low carbon heat, steam or cooling, generation owned by company	26681	This includes heat recovery at Kongsberg Teknologipark

Further Information

Page: **CC12. Emissions Performance**

CC12.1

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

Increased

CC12.1a

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

Reason	Emissions value (percentage)	Direction of change	Comment
Emissions reduction activities		Increase	General growth. Some new locations were included (more than 40 employees is a criteria for a location to be included).
Divestment			
Acquisitions		Increase	
Mergers			
Change in output			
Change in methodology			
Change in boundary			
Change in physical operating conditions			
Unidentified			
Other		Increase	

CC12.2

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

Intensity figure	Metric numerator	Metric denominator	% change from previous year	Direction of change from previous year	Reason for change
0.68	metric tonnes CO2e	unit total revenue	10	Increase	Last year was at 0,62. more el and gas used this year. Increased activity and less optimal heat at recovery station in Norway.

CC12.3

Please describe your gross global 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
1.48	metric tonnes CO2e	FTE employee	10	Increase	Last year was at 1,35. more el and gas used this year. Increased activity and less optimal heat at recovery station in Norway.

CC12.4

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
	metric tonnes CO2e				

Further Information

Page: CC13. Emissions Trading

CC13.1

Do you participate in any emissions trading schemes?

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

CC13.1a

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

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

CC13.1b

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

CC13.2

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

No

CC13.2a

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

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

Further Information

Page: CC14. Scope 3 Emissions

CC14.1

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

Sources of Scope 3 emissions	Evaluation status	metric tonnes CO2e	Emissions calculation methodology	Percentage of emissions calculated using primary data	Explanation
Purchased goods and services					
Capital goods					
Fuel-and-energy-related activities (not included in Scope 1 or 2)					
Upstream transportation and distribution					
Waste generated in operations					

Sources of Scope 3 emissions	Evaluation status	metric tonnes CO2e	Emissions calculation methodology	Percentage of emissions calculated using primary data	Explanation
Business travel	Relevant, calculated	14194			Emissions from business travel include national, regional and international business travels by air booked in Norway (10588) and internationally (3606) . The milage and CO2 emission data has been supplied by the travel agency. The emissions have been calculated using standardized emission factors for national, regional and international flights. Emissiond from flights bought outside Norway is included (wothout being reflected in the baseline). This is approx 50% of the total emissions increase this year.
Employee commuting					
Upstream leased assets					
Downstream transportation and distribution					
Processing of sold products					
Use of sold products					
End of life treatment of sold products					
Downstream leased assets					
Franchises					
Investments					
Other (upstream)					
Other (downstream)					

CC14.2

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

Third party verification or assurance complete

CC14.2a

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

Type of verification or assurance	Attach the statement	Page/Section reference	Relevant standard	Proportion of Scope 3 emissions verified (%)
Limited assurance	https://www.cdp.net/sites/2014/58/10258/Investor CDP 2014/Shared Documents/Attachments/CC14.2a/SustainabilityReport2013.pdf		ASAE3000	50

CC14.3

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

Yes

CC14.3a

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

Sources of Scope 3 emissions	Reason for change	Emissions value (percentage)	Direction of change	Comment
Business travel	Change in boundary	40	Increase	Increase emissions from business flights bought in Norway (+ 406 tonnes). In addition there is an increase this year due to reporting emissions from flights bought outside of Norway (+3606 tonnes)

CC14.4

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

Yes, our suppliers

CC14.4a

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

Use of SAQ and revisions to follow-up suppliers

CC14.4b

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

Number of suppliers	% of total spend	Comment

CC14.4c

If you have data on your suppliers' GHG emissions and climate change strategies, please explain how you make use of that data

How you make use of the data	Please give details

CC14.4d

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

Further Information

Module: Sign Off

Page: CC15. Sign Off

CC15.1

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

Name	Job title	Corresponding job category
Nils Molin	Vice President Sustainability & CSR	

Further Information

CDP 2014 Investor CDP 2014 Information Request