

# **2011 Information Request**

## **CDP Turkey Workshop**

**31 March 2011**

Esra Suel  
Technical Manager



- CDP's mission:  
  
“to accelerate solutions to climate change by putting relevant information at the heart of business, policy and investment decisions”
- CDP is the global standard for measurement and reporting of climate change information
- Annual climate change information request
  - Investors
  - Purchasing organizations
  - Governments

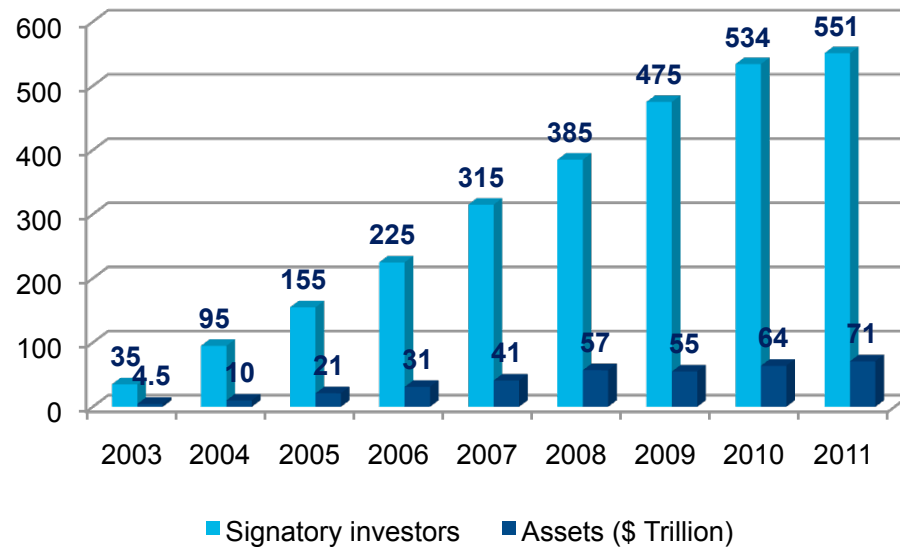


The work of the Carbon Disclosure Project is crucial to the success of global business in the 21st century. No other organization is gathering this type of corporate climate change data and providing it to the marketplace.

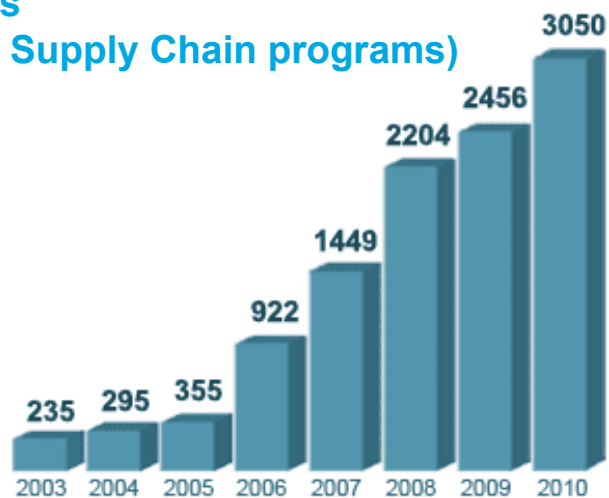
**Ban Ki Moon**

Secretary General of  
United Nations

## CDP over time



### Responders (Investor & Supply Chain programs)



CDP is to the future of business  
what the X-ray was to the then  
-future of medicine — without it, we  
would never have seen the insides  
of the patient's health.

### Christiana Figueres

Executive Secretary of the UN  
Framework Convention on  
Climate Change (UNFCCC)

## How is the information used?

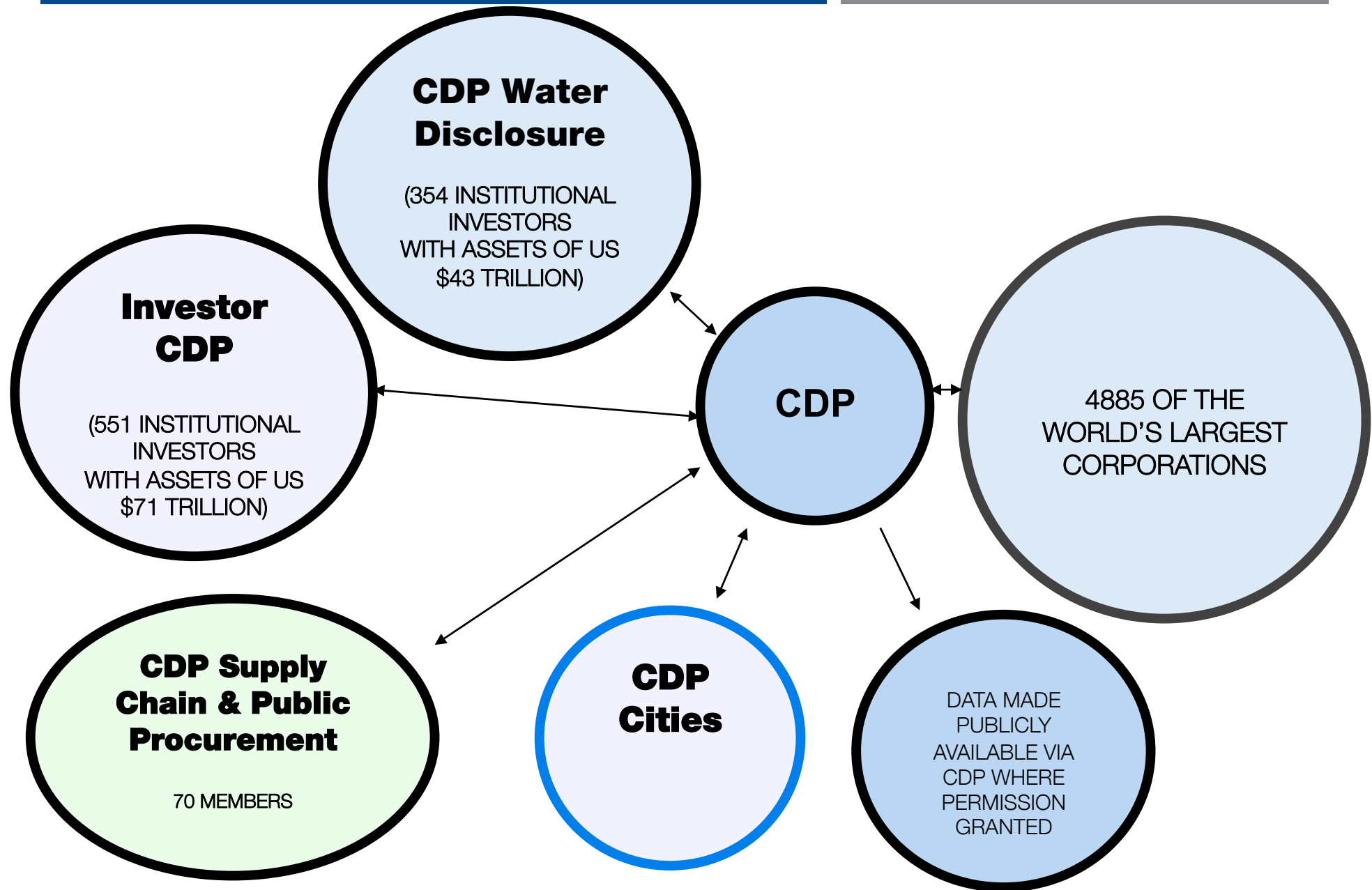
- Supports investor activity
  - E.g. Engagements through the UN Principles for Responsible Investment
- Allows benchmarking between companies
- Encourages companies to identify climate change risks and opportunities
- Provides information about current and potential suppliers
- Identifies leaders in addressing climate change



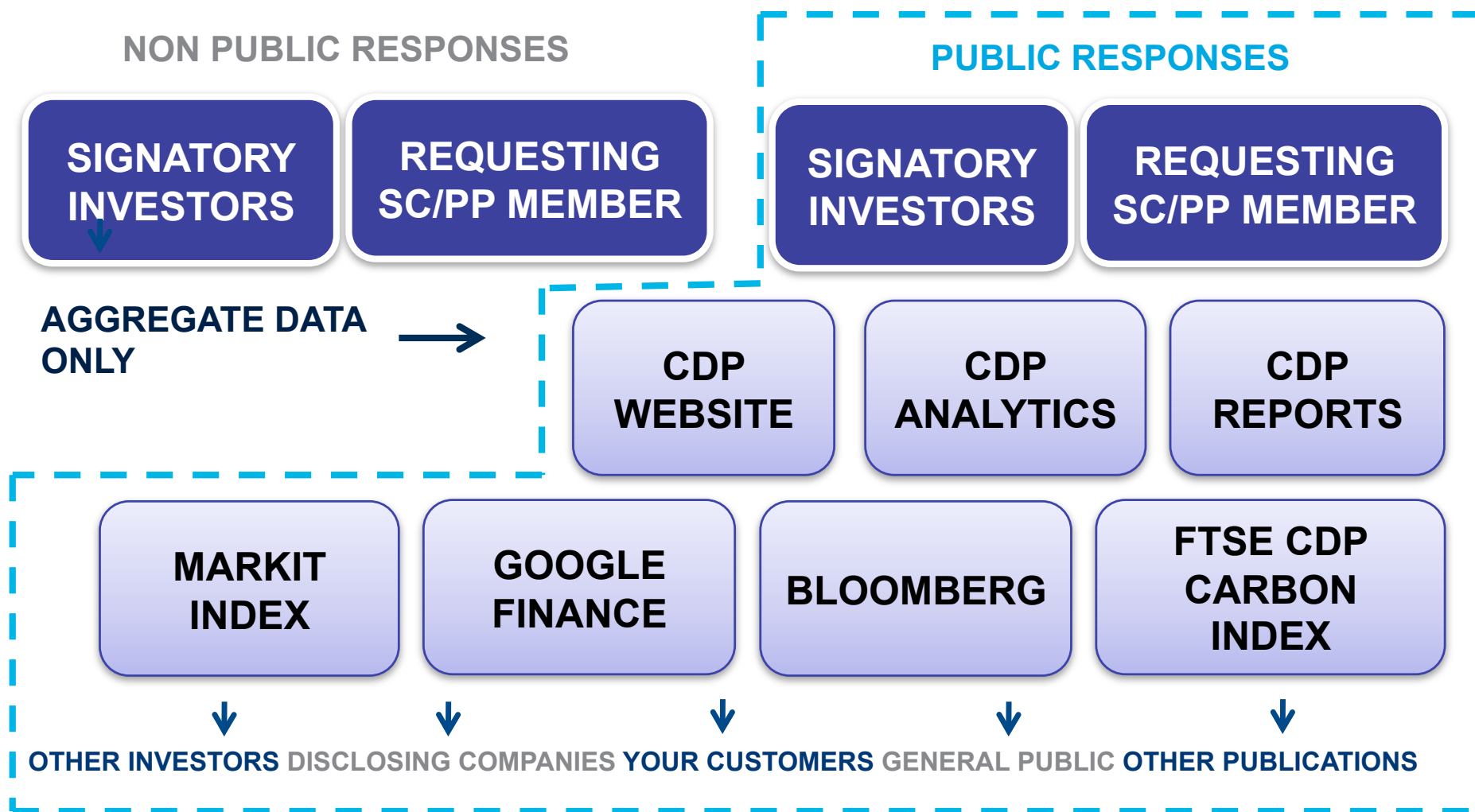
The CDP data helps us to determine the quality of an individual company's management response and is a factor in our overall buy, sell and hold decisions

**Lord Sharman**

Chairman, Aviva



## What happens to the information?



# CDP 2011 Information Request

- Information Request structure
- Online Response System (ORS)
- Responding to the Management module
- Responding to the Risks and Opportunities module
- Responding to the Emissions module
- Help in responding to CDP
- Common Mistakes



# 2011 Information Request Structure





## Introduction

## Management

Governance

Strategy

Targets & Initiatives

Communications

## Risks & Opportunities

Climate Change Risks

Climate Change Opportunities

## Emissions

Methodology

Emissions Data

Scope 1 Breakdown

Scope 2 Breakdown

Scope 2 - Contractual

Energy

Emissions Performance

Emissions Trading

Scope 3

## Sign-Off

## Sector Specific Modules & Questions

**Oil & Gas**

**Electric Utilities**

**Auto**

# **The Online Response System (ORS)**



# Registration: Email with Activation Code

Subject: Investor CDP 2011 Activation and Access

**550 investors representing US\$71 trillion in assets are requesting information from Esra Company regarding potential risks and opportunities relating to climate change. 3,000 of the world's largest companies responded to this request in 2010 via the Carbon Disclosure Project (CDP). A full list of this year's signatory investors can be found [here](#)**

This email contains important information from the CDP regarding this information request (Investor CDP 2011) with instructions on how to confirm your participation and respond online.

Please read this email carefully and completely. The most important links are below:

- To confirm Esra Company will respond and to activate your online account – [click here](#)
- To view the details of the Investor CDP 2011 information request – [click here](#)
- To view the complete reporting guidance – [click here](#)

This request was sent by post to , the of Esra Company on 1st February 2011.

You have been identified as an appropriate contact for this request. If there is a more suitable contact within your company for this request, please email their details to .

# Registration: CDP Portal

**CARBON DISCLOSURE PROJECT**Sign In

[Home](#) [What We Do](#) [Programs](#) [How To Disclose](#) [Results](#)

### Your account needs to be activated

Please provide a password, accompanied by a security question and answer. Password requirements: minimum 7 characters and to include at least 1 symbol (e.g. !, \*).

After completing registration please continue on to your profile page to complete your personal and company details.

User name:

Password:

Confirm password:

Security question:

Security answer:

### CDP Reporter Services

All organizations can disclose free of charge to CDP, but should you wish to access more detailed information on carbon management and data analytics, please tick to receive more information on CDP's new fee based reporter services. ☐

Activate

### Using Our Data

All individual public responses can be viewed free of charge for non-commercial purposes. Please register to view the responses but please note our terms & conditions

[Register](#)

[Read our terms and conditions](#)

If you wish to use the CDP data for commercial research then you must obtain permission from CDP and apply for a license

[Apply for a license](#)

Contact Us | Site Map | Accessibility | Terms & Conditions | Privacy Policy | Jobs | Staff

# Account Activation

**CARBON DISCLOSURE PROJECT** Sign In

Home What We Do Programs How To Disclose Results

**Your Investor CDP 2011 Information Request needs to be activated.**

Please click on the button below to activate your Information Request.

CDP can also make your response available to other stakeholders. If you would like to share your with any of the following entities, please indicate by selecting the relevant option below:

Walmart

**Click if you wish to identify yourself as a Walmart supplier**

**Activate Information Request**

**By clicking the “Activate Information Request” button you will be confirming your companies’ participation in the program and initiating the ORS site generation for your company.**

Contact Us | Site Map | Access

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## “Respond” Tab

Home	What We Do	Programs	Results	My CDP
My CDP	Profile	<b>Respond</b>	Services	

Before you respond to CDP please confirm the information below is correct, so that we can configure your information request.

Please click on 'Respond Now' to access the questionnaire. The online response system will open in a new tab or window. If the system does not open, please enable your 'pop-up blocker' settings to allow pop-ups from this site.

### Discloser Details: Investor CDP 2011

**Registered user (able to edit and submit):** Pedro Cabral Santiago Faria (pedrosfaria@gmail.com)

**Other users (Edit Only):**

Click to access your Online Response System

Respond Now



**!** Make sure “Pop-up” blocker is disabled as the questionnaire opens up in a new window.

To respond to CDP click on the “Respond Tab” and then click on the “Respond Now” button, on the bottom-right corner.

# ORS Welcome Page

CARBON DISCLOSURE PROJECT

TEST 1

Entering a response

Submitting a response

Links to previous responses

Programme	% Complete	
<a href="#">Investor CDP 2011</a>	4%	<a href="#">Answer Questionnaire</a>
<a href="#">CDP Water Disclosure 2011</a>	8%	<a href="#">Answer Questionnaire</a>

RESPONSE

Terms & Conditions	Public	Submit
I accept T&C <input type="checkbox"/>	<input checked="" type="checkbox"/>	<a href="#">Submit</a>
N/A	N/A	N/A

[TEST 1 - CDP Water Disclosure 2010](#)  
[TEST 1 - Investor CDP 2010](#)  
[TEST 1 - Investor CDP 2011](#)  
[TEST 1 - CDP Feedback 2011](#)  
[TEST 1 - CDP Supply Chain 2011](#)  
[TEST 1 - CDP Water Disclosure 2011](#)

# Introduction

**CARBON DISCLOSURE PROJECT****Investor CDP 2011 Information Request**[ORS Home & Submit](#)[INTRODUCTION ▾](#)[Introduction](#)[Guidance and Information](#)

When you have reached your final page of questions, you will no longer see a "Next" button at the end of the page.

If you wish to submit at this point, press the "ORS home & Submit" tab at the top right of the screen.

If you do not wish to submit at this point, press "Save" and log-out.

If you responded to CDP last year, selected questions on this page are eligible for pre-population; click the "copy from last year" button at the bottom of the page before completing any fields on this page.

**Question Completion Instructions****Enter Periods that will be disclosed**

From	To
01/02/2010	01/02/2011

**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**

United States of America ▾
----------------------------

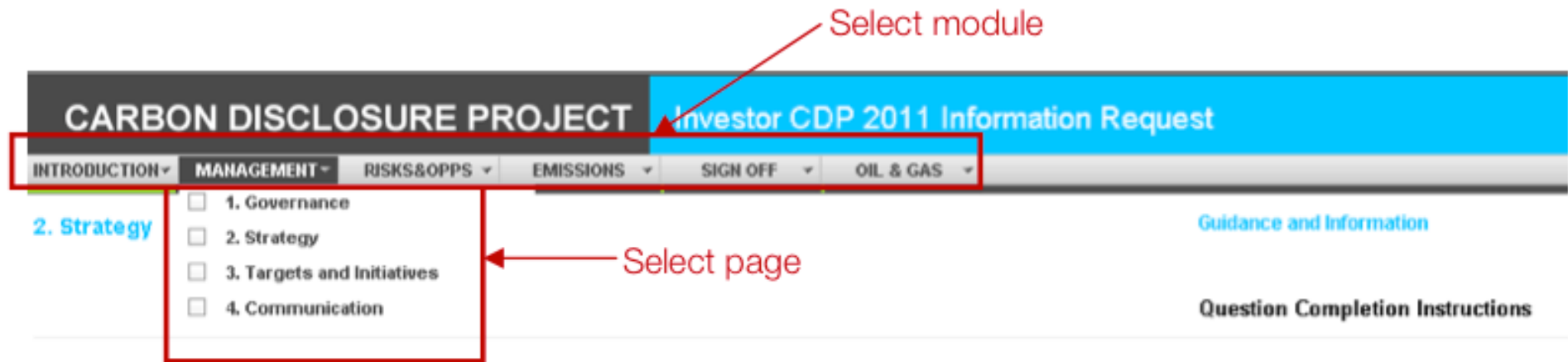
**Add Row(s)** 1 ▾**0.4****Currency selection**

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(\$)
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## Navigation Bar



You can use the “Previous” and “Next” buttons at the bottom of the page to move between pages



CARBON DISCLOSURE PROJECT

Investor CDP 2011 Information Request

ORS Home & Submit

INTRODUCTION

MANAGEMENT

RISKS&OPPS

EMISSIONS

SIGN OFF

1. Governance

If you responded to CDP last year, selected questions on this page are eligible for pre-population; click the "copy from last year" button at the bottom of the page before completing any fields on this page.

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

Please select...

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

Please select...

Guidance and Information

Question Completion Instructions

Guidance

Guidance

Further Information

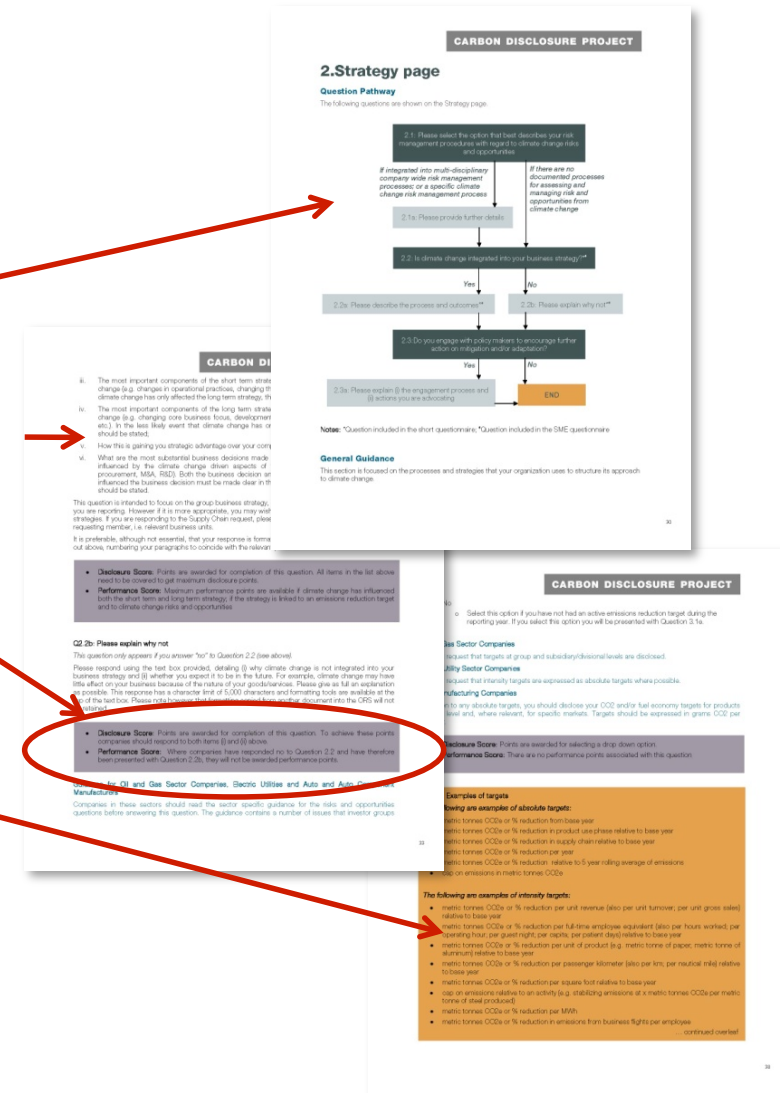
You can use the text box and attachments field to provide information beyond that requested by the question.

The further information text box and the attachments facility allow you to provide information that is additional to the data requested by the question. TO BE SCORE AN ANSWER MUST BE PROVIDED IN THE SPECIFIC ANSWER BOX FOR THAT QUESTION unless the question (or guidance to question) specifically states

**You can use the “Guidance” links to get page/question specific assistance. Further information, if desired, can be given at the end of each page.**

# Guidance Document

- Question paths
- Guidance on responses
- Scoring information
- Worked examples/  
further guidance





# Questions for 2011



## Management

[Governance](#)[Strategy](#)[Targets & Initiatives](#)[Communications](#)

## Risks & Opportunities

[Climate Change Risks](#)[Climate Change Opportunities](#)

## Emissions

[Methodology](#)[Emissions Data](#)[Scope 1 Breakdown](#)[Scope 2 Breakdown](#)[Scope 2 - Contractual](#)[Energy](#)[Emissions Performance](#)[Emissions Trading](#)[Scope 3](#)

# **2011 Information Request: Management Module**



# Management

Governance

Strategy

Targets & Initiatives

Communications

- Focus on Qualitative Data
- Aims to determine the carbon management processes your company has in place and identify best practice activities

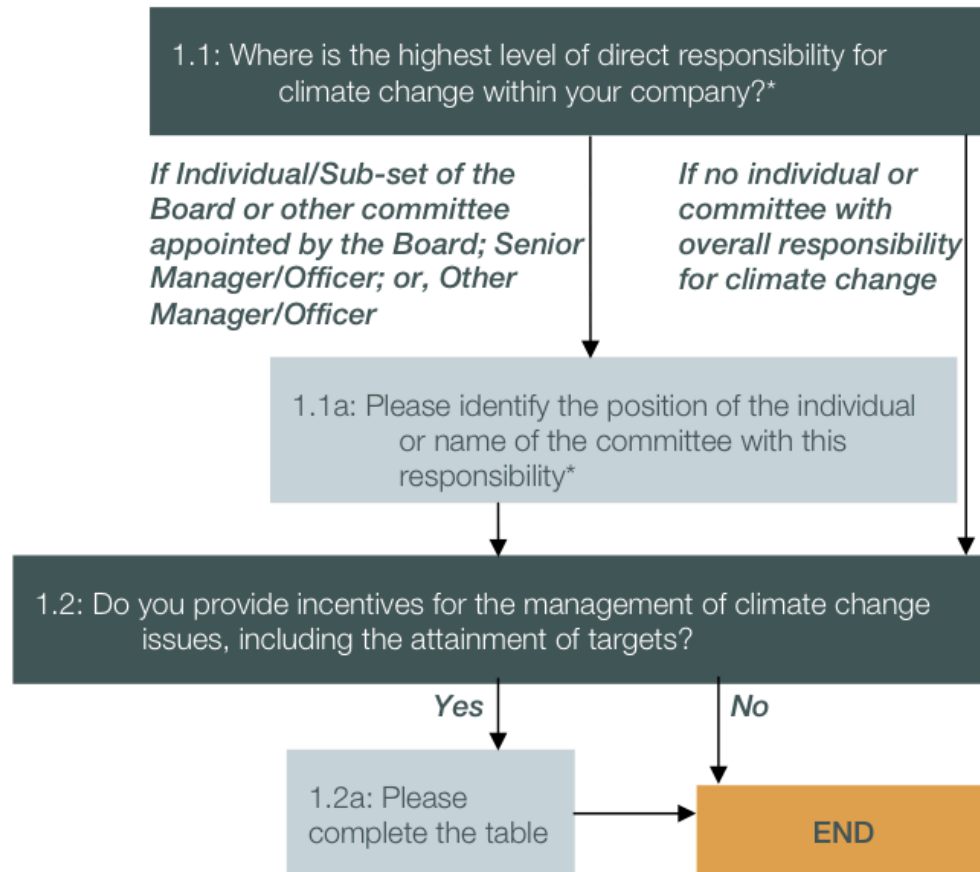
“The questions take you through and say ‘do you have environmental performance targets?’. We didn’t but we do now”

**Mary Armstrong**  
Vice President for  
Environment, Health and  
Safety, Boeing

# Management

**Governance****Strategy****Targets & Initiatives****Communications**

## Question Path from the Guidance



- Naming the individual with the highest level of responsibility for climate change; and
- Incentivised performance indicators.

# Management

Governance

**Strategy**

Targets &amp; Initiatives

Communications

- Management procedures with regard to climate change risks and opportunities
- Climate change strategy integrated into overall business strategy
- Communications with policy makers



# Management

Governance

Strategy

**Targets & Initiatives**

Communications

- Detail requested on ongoing/completed emissions targets:
  - Absolute vs. Intensity target
  - Progress made; and,
  - If an intensity target, the equivalent absolute emissions reduction expected.
- Do your goods/services directly enable emissions to be avoided for 3<sup>rd</sup> parties
- Detail on active initiatives
  - How do you drive investment in emission reduction activities
- If you don't have targets/initiatives –explain why not

# Management

Governance

Strategy

Targets &amp; Initiatives

Communications

Communication of your position on climate change and carbon emissions outside your response to CDP,

e.g. Annual reports, Other regulatory filings, Voluntary communication

## Scoring Information Box from the Guidance

- **Disclosure Score:** All columns must be completed in a row and the attached file must match the description given in the “Publication” column and the page or section reference must refer to a section that mentions climate change or emission reduction actions unless this is your first year of publishing information in this way and you have selected the appropriate option in column 1.
- **Performance Score:** Performance points are available where the criteria given for the disclosure score are met. Maximum points are awarded for companies that cover climate change in their annual reports evidenced by an attachment.

# **2011 Information Request: Risks and Opportunities Module**



## Risks & Opportunities

Climate Change Risks

Climate Change Opportunities

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

- ☐ Risks & Opportunities driven by changes in **regulation**
- ☐ Risks & Opportunities driven by changes in **physical** climate parameters
- ☐ Risks & Opportunities driven by changes in **other** climate-related developments

# Risks & Opportunities

## Climate Change Risks

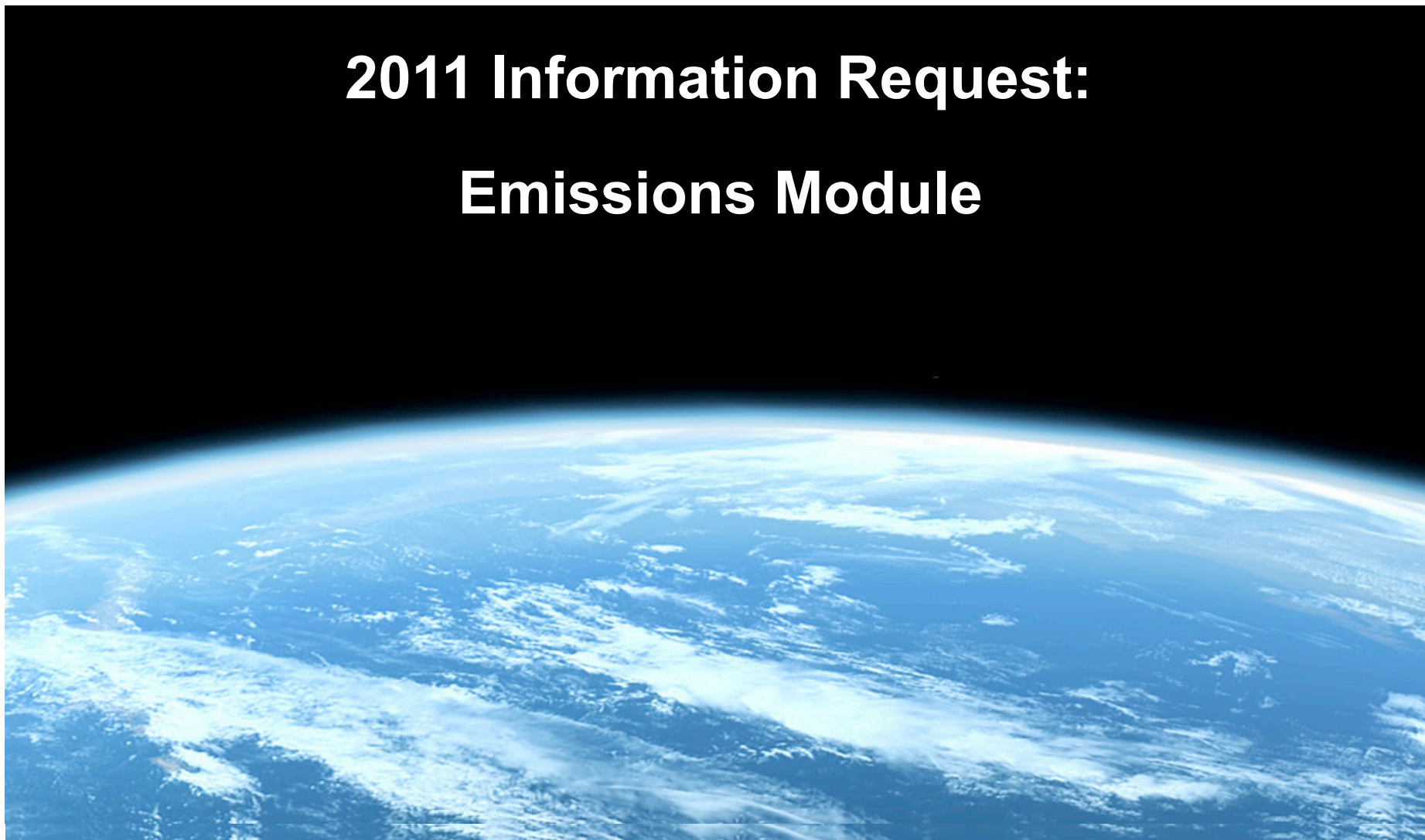
## Climate Change Opportunities

- Data points for describing risks and opportunities:

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

- Narrative on management methods, potential financial implications, management costs.
- Analysis of climate change risks and opportunities
- Explain if you don't think risks and opportunities are not relevant to you

# **2011 Information Request: Emissions Module**





# Emissions

Methodology

Emissions Data

Scope 1 Breakdown

Scope 2 Breakdown

Scope 2 - Contractual

Energy

Emissions Performance

Emissions Trading

Scope 3

## Methodology

- Base year of inventory requested with associated emissions (S1 & S2)
- Selection of published methodologies for collection of emissions
- Emissions factors used

## Emissions data

- Boundary used for your S1 and S2 inventory
- Details on verification and assurance
  - Scope; Appropriate standards; Time period;

## Emissions

Methodology

Emissions Data

Scope 1 Breakdown

Scope 2 Breakdown

Scope 2 - Contractual

Energy

Emissions Performance

Emissions Trading

Scope 3

### Scope 1 and Scope 2 Breakdown

- GHG Type, facility, business division, activity

Energy: percentage of operational spend on energy

- Details on fuel, electricity, heating and related emissions

## Emissions

Methodology

Emissions Data

Scope 1 Breakdown

Scope 2 Breakdown

Scope 2 - Contractual

Energy

Emissions Performance

Emissions Trading

Scope 3

### Emissions performance

- Breakdown of emissions change from previous year
- Both absolute and intensity change from previous year
  - Standardisation of emissions intensity
    - mtCO<sub>2</sub>e/unit currency revenue
    - mtCO<sub>2</sub>e/FTE employee
    - Other optional intensity unit
    - Also request % change from previous year

# Top tips for responding to CDP

- Deadline: 31 May 2011 (Investor CDP) & 31 July 2011 (CDP Supply Chain)
- Complete all questions – Leverage the methodology and the guidance document
- Don't leave questions blank – even if the data is not available, an area is not applicable, or a question is seemingly redundant.
- Avoid generic responses –be specific.
- Don't cross-reference your responses from another questions
- Provide your answers in the text fields provided or use the drop down options. Further information boxes, links, or attachments (except where specifically requested) are not being scored.
- Be careful to address all points listed in the questions
- Make use of the Guidance Documents !

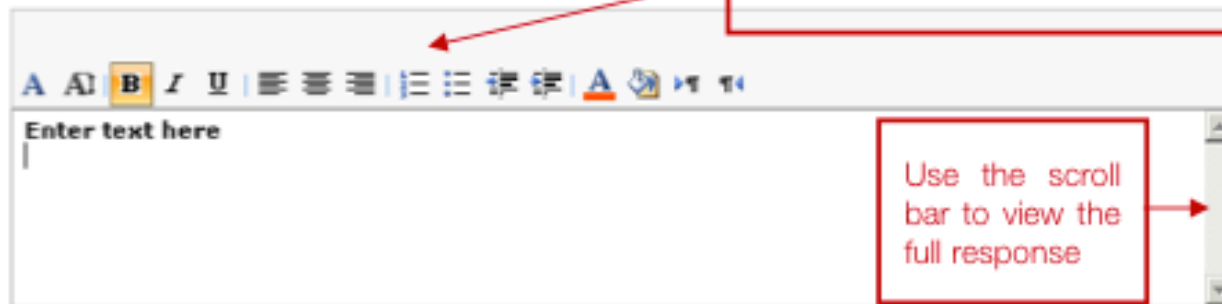
# **The Online Response System (ORS) Additional Features**



## Rich text fields – new feature for 2011

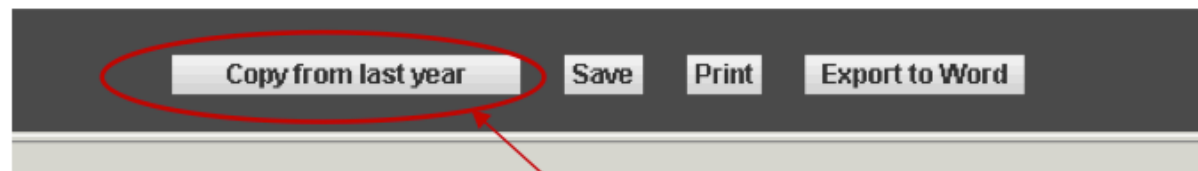
2.2a

Please describe the process and outcomes (see guidance)



The screenshot shows a rich text editor interface. At the top, there is a toolbar with various formatting icons: bold (B), italic (I), underline (U), bulleted list, numbered list, link, unlink, and others. Below the toolbar is a text input area with the placeholder text "Enter text here". A red box highlights the toolbar with the text "Use these buttons to format the text where available". Another red box highlights the scroll bar on the right side of the text input area with the text "Use the scroll bar to view the full response".

## Pre-population – new feature for 2011



The screenshot shows a dark grey button bar with four buttons: "Copy from last year", "Save", "Print", and "Export to Word". The "Copy from last year" button is circled in red. A red arrow points from the circle to a text box below.

Click to pre-populate answers from your 2010 response



Make sure all fields are blank before pressing copy from last year

If you have responded to CDP before, it is possible to populate the ORS with your answers from the previous year for selected questions.

## Exporting Data to Word



- The response can be printed directly from the ORS by clicking the “Print” button at the bottom of each page, or
- It can be exported to a Microsoft Word Document by clicking the “Export to Word” button.
- Output formats have been improved for 2011



“This page is complete”



The screenshot shows a web interface for uploading supporting files. At the top, there is a grey bar with the text "Attach any supporting files here...". Below this, there is a "Remove" button on the left, a text input field in the center, and "Browse..." and "Attach" buttons on the right. Below the upload area, there is a dark grey bar with a checked checkbox and the text "This page is complete". A large red arrow points to the checkbox.

Programme

Investor CDP  
2011

%  
Complete

2%

Use only as a self-measure

% complete indicator is NOT an indication of the completeness of the response; rather the user can use it as a self-measure by using the tick-boxes for each page completed.

# Completion

CARBON DISCLOSURE PROJECT					Investor CDP 2011 Information Request		ORS Home & Submit
INTRODUCTION ▾	MANAGEMENT ▾	RISKS&OPPS ▾	EMISSIONS ▾	SIGN OFF ▾			



When you have completed the questionnaire, click here, to go back to the ORS Homepage and submit.

# Submission

**SUBMITTING YOUR COMPLETED RESPONSE**

Terms & Conditions

I accept T&C ☐

Public ☒ ☐

Submit

Submit

Tick-this box for confirming you accept Terms & Conditions before you submit.

Keep this tick-box checked for your response to be public. Un-check to label your response as non-public.

At this point, a simple validation check will be run. This will check that a set of 'rules' are correct. The purpose of the 'rules' is to check that incorrect data has not been entered in error

Only the registered user (i.e. the staff member that activated the response through the e-mail link) can submit the response.

# Validation Rules: Information and Warnings

CARBON DISCLOSURE PROJECT

TEST - INVESTOR 2

INVESTOR CDP 2011

**Your response for 'Investor CDP 2011' contains the validation issues listed below.**

Please review the issues listed. To go back to a question or page, click on the link given under 'references'.

**Severity**

**Issue and References to Module > Page > Question**

 **Information**

**Mismatch in values: your gross global scope 1 emissions are greater than the sum of your country/region breakdown of scope 1 emissions . You might want to check if there is some mistake in the emissions assigned to the country/regions or if there is some value missing. If you are only providing figures for significant emissions in some countries, we would ask you to consider reporting all other emissions under a line "Other: Rest of the world". Companies in the Electric Utility Sector can ignore this validation rule if they have provided data in EU2 instead.**

References:

2011 > Emissions > '8. Emissions Data (1 Feb 2010 - 1 Feb 2011)' > '8.2a'  
2011 > Emissions > '9. Scope 1 Emissions Breakdown (1 Feb 2010 - 1 Feb 2011)' > '9.1a'



 **Warning**

**ERROR: your breakdown of emissions is greater than your gross global emissions. Please check your figures in question 8.2c (total scope 1, Part 1) and 9.1a (breakdown of scope 1 by country/region)**

References:

2011 > Emissions > '8. Emissions Data (1 Feb 2010 - 1 Feb 2011)' > '8.2c'  
2011 > Emissions > '9. Scope 1 Emissions Breakdown (1 Feb 2010 - 1 Feb 2011)' > '9.1a'



To continue to response submission, please press Continue ...

To return to your response please press Cancel ...



Continue

Cancel

You may correct/  
update your  
responses  
based on the  
validation  
checks,  
warnings, and  
informations  
displayed once  
you click  
Submit.

You may either  
choose to  
continue to  
submit, or go  
back and edit  
your responses.

# Scoring responses



## Scoring responses

- Companies in Turkey will be scored on disclosure. Scores may/may not be published.
- Scores based solely on information provided in the CDP response
- Scoring is done by CDP report writers using a methodology developed by CDP with guidance from Global Advisor PwC

## Disclosure Score

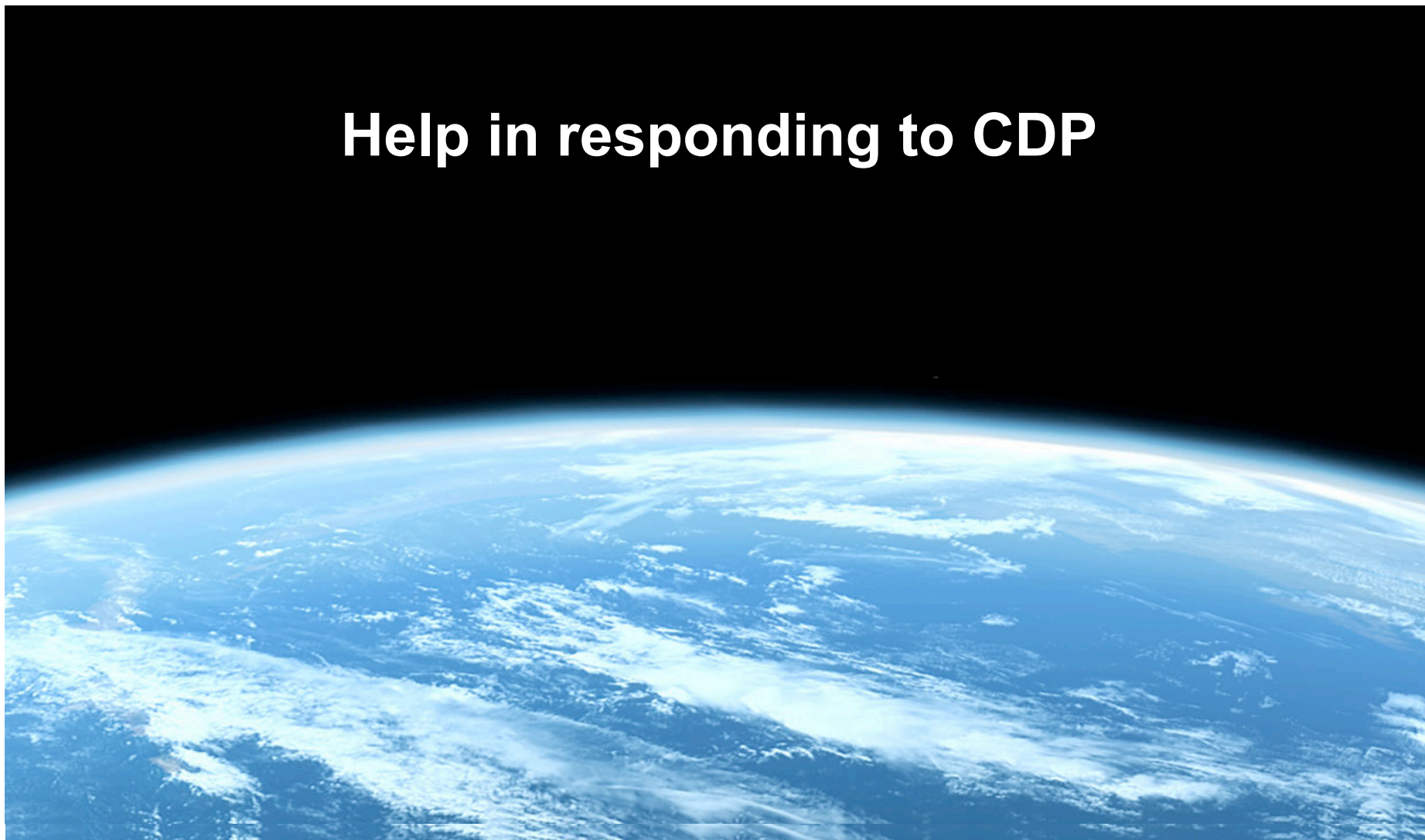
- Suggests good internal data management and understanding of the issues climate change presents to the company's business;
- Reflects the potential quality and completeness of the disclosure and hence its likely usefulness to data-users;
- It rewards external verification/assurance of emissions data as this is expected to give data-users greater confidence in the reliability of the data;
- It is not a metric of a company's performance.
- The data is used for the Carbon Disclosure Leadership Index (CDLI)
  - ~ 10% highest scoring companies within different samples are included.
  - Bloomberg analyses show that CDLI companies perform better than other popular sustainability indices - DJSI and FTSE4Good !



## CDP going forward – what are we working on?

- Promote quality and impact of data
  - Working with leading financial and carbon data experts and providers of verification/assurance services
  - Sector focused approach
- Reduce reporting burden
  - Uploads from carbon calculators directly to the CDP ORS
  - Reporting in multiple languages
- Reach out to more companies across the world
  - This year we are writing to over 4,800 companies in 72 countries, an increase of 7 countries compared with 2010

# Help in responding to CDP



**<https://www.cdproject.net/en-US/Pages/Guidance.aspx>**

- Guidance documents
- Scoring methodology spreadsheet
- Webinars
- Online FAQs - updated during disclosure period
- Links to tools and services for calculating, analysing and verifying GHG emissions

# Help in responding to CDP

## Reporter Services

A value added package to help you manage your carbon reporting process by giving you fast and efficient access to our library of climate change strategies, targets and emissions results.

**CDP Analytics**

**CDP Insights**

**Account Manager**

**Emissions reporting tool**

## 2011 Founding Members

**accenture**  
High performance. Delivered.

AstraZeneca

**e-on**

**ConAgra  
Foods**  
Food you love

**IBERDROLA**

**Microsoft®**

**National Australia Bank**

**nationalgrid**  
The power of action.™

**PHILIPS**

**SAP**

**RBS**  
The Royal Bank of Scotland Group

**TUI Travel PLC**  
More than a smile

## Help in responding to CDP

### Calculation Partnerships:

CDP accredited sustainability software tools that are tested by the Greenhouse Gas Management Institute and compatible with the Greenhouse Gas Protocol

### Consultancy Partnerships:

Partners are required to meet certain criteria, including supplying good references from CDP responding companies

### Verification Partnerships:

Accredited verification and assurance services that are operating under internationally recognized standards and are accredited to perform certification under schemes such as the EU ETS and Western Climate Initiative



**All assistance material is available at**  
**<https://www.cdproject.net/en-US/Pages/Guidance.aspx>**

**Or contact us: [respond@cdproject.net](mailto:respond@cdproject.net)**





# Management

Governance

Strategy

Targets &amp; Initiatives

Communications

## 2011: 2.2

Is climate change integrated into your business strategy? Please describe the process and outcomes

### Common issue:

Companies discuss climate change strategy objectives only.

**What is needed:** Companies need to articulate whether or how climate change is incorporated into their overall business strategy (e.g., how does assessment of the physical risks from climate change inform geographic expansion or product development).

## Key considerations for 2011:

- How the business strategy has been influenced
- What climate change aspects have influenced the strategy
- The most important components of the short term strategy influenced
- The most important components of the long term strategy influenced
- How this is gaining you strategic advantage
- What are the most substantial business decisions made during the reporting year that have been influenced by the climate change driven aspects of the strategy
- The internal communication process, including whether there is reporting to the Board
- Show that the strategy is linked to climate change risks, opportunities and emission targets



## Response Example: Strategy

### Influence of climate change risks

"Building a better business" is our strategic group business focus right now. It's recognition that in the current climate, we need flawless delivery and operational excellence. To help us achieve these things we are stepping up our focus on BT's three delivery priorities. We are building a better business by improving customer service, transforming costs and investing in the future. And these things are linked.....We are improving the reliability of the products and services our customers use so that they don't experience problems and in a way which mitigates the risk of disruption to our network from climate change through severe weather.

### Resulting business decisions (investment)

### Short-term strategy & link to emission targets

Transform costs: .....We have quadrupled our capital budget from last year on energy efficiency initiatives to £16m this year, recognising the need to quicken the pace not just for cost transformation but for transformation to the low carbon economy. .... Our target for 2011 is a 3% reduction against 2010 costs, a huge challenge in real terms as our network infrastructure is growing to support increasing demand for products and services. .... We increased the reliability of network services thus reducing the total costs of repair.

Investing in the future: In 2007 we announced plans to develop our own wind-farms in the UK to produce 250 MW of renewable energy by 2016 ....This is a substantial investment of approximately £250m to help secure our energy needs in the future.

### Longer-term strategy

# Management

Governance

Strategy

Targets &amp; Initiatives

Communications

**2011: 2.3** Do you engage with policy makers to encourage further action on mitigation and/or adaptation? If so please explain (i) the engagement process and (ii) actions you are advocating

**Common issue:** Companies discuss own policies or voluntary sector initiatives. Companies are not explicit about the positions they are promoting.

**What is needed:** Companies should disclose the topics they are promoting/preventing and the methods of their engagement.

## Key information required in 2011:

- Engagement method
- Topic and nature
- Actions advocated

It must be explicit that engagement is to encourage mitigation and/or adaptation.

## Response Examples: Strategy

**Method of engagement** →

John Chambers participated in a one-day bicameral event in the Capitol building called "US Climate Change Action: A Global Economic Perspective" where he met with several U.S. Senators.... and several others to urge US leaders to prepare to make commitments in advance of or at Copenhagen in Dec 09.... Laura Ipsen expresses Cisco's support for the American Clean Energy & Security Act: "US Should Lead in Climate Change Policy"....

**Action advocated** →

## Risks & Opportunities

Climate Change Risks

Climate Change Opportunities

### 2011: 5.1b(ii).... 6.3b(ii)

The methods you are using to manage this risk/opportunity. (Scale B, i.e., case study detail)

**Common issue:** Companies discuss activities unrelated to the specific risk/opportunity disclosed, such as their emissions reduction activities, or just provide their overall point of view on climate change.

**What is needed:** The actions described must relate to the identified risk/opportunity.

### Key considerations for 2011:

- Clear linkage of actions to the previous risk/opportunity – disclose specific ID number to enhance clarity
- How the action has affected (or is expected to affect) the likelihood and/or magnitude of the risk/opportunity or the organization

# Sample Response

**When actions are identified****Actions undertaken****Impact on business****Location****Costs of actions****Timescale of impact**

→ The mitigation of risk and development of opportunities include; but are not limited to; the following initiatives:

→ Energy Efficiency/Conservation Programs - Much of the technical and policy discussion related to climate change and a sustainable energy future focuses on energy efficiency. This provides Ameren an opportunity to implement energy efficiency programs that help reduce greenhouse gas emissions; lower the cost impact on the consumer; and improve our relationship with our customers. In 2009; Ameren's ActOnEnergy Program in Illinois and the Energy Efficiency Program in Missouri spent over \$38 million to develop and implement energy efficiency programs; including education programs; heating and air conditioning installation programs; home energy audits; low-income weatherization; programmable thermostat programs; furnace tune-ups; and other residential and business programs. In 2010; Ameren expects to spend an additional \$69 million on these energy efficiency efforts. Through these energy efficiency initiatives; Ameren expects to offset over 2.9 million tons of CO<sub>2</sub> by 2015.



## Risks & Opportunities

### Climate Change Risks

### Climate Change Opportunities

#### 2011: 5.1g, 5.1h, 5.1i

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.

**Common issue:** Companies did not disclose why the specific risk or opportunity area was not significant to them, including how they came to that point of view.

**What is needed:** Companies should articulate why they do not feel exposed to the specific risk / opportunity area. If risks/ opportunities were identified, companies should articulate why it was not considered to be significant to their company.

#### Key considerations for 2011:

- Responses should articulate specific potential risks/opportunities reviewed. For “other” risks and opportunities, leverage Guidance from CDP to identify possible types to consider.
- Timescale for assessment (how far into the future)
- Geographic areas considered



## Response Example: Risks & Opportunities

**Statement that risks are not significant**

**Timescale of assessment**  
*(Note: should be years-specific)*

**Identifies some risk but qualifies impact**

**Considers direct/indirect impacts**

**Geographic considerations**

→ Given the nature of our business; we do not consider that climate change regulations present a significant risk in the short or medium term. PMI will be exposed; to some extent; to risk in terms of additional cost as climate-related regulation is implemented in a growing number of countries and world regions; however PMI does not expect this to be significant in terms of scale and materiality to its business. PMI has gone through a process whereby regulatory risks have been identified in our markets and assessed in relation to: Direct impacts associated with the company's operations (i.e.; cap-trade; energy use in manufacturing; business travel etc.); and Indirect impacts (e.g.; fuel use in leaf curing; logistics and distribution). Direct Regulatory Risks and Impacts PMI is aware of a number of existing or upcoming regulatory initiatives that intend to reduce emissions in geographies where its manufacturing facilities are located; such as the European Union Emissions Trading System (EU ETS); the Australian Carbon Trading Scheme (anticipated in 2013) and the Canadian Regulatory Framework for Industrial Air Emissions (and other provincial initiatives . . .



# Emissions

## 2011: 8.6, 15.2

Please indicate the verification/assurance status that applies to your Scope 1/2/3 emissions

**Common issue:** Attachments did not provide sufficient information as to what data was verified/assured, by whom, standards used, etc.

**What is needed:** Attachments that demonstrate verification/assurance was performed by an external, independent provider and which included sufficient information to provide useful information about the quality of the emissions data submitted.

## Key information required in 2011:

Please only state that you have had or are having verification/assurance carried out if it is by a third party.

- Proportion verified/assured
- Type of verification or assurance
- Relevant standard

Attached statements will be checked for relevant scope, reporting year, the type of verification/assurance, independence, the opinion and the standard. Information on the statement must match the information disclosed in the Information Request.