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Investor CDP 2010 - Adobe Systems, Inc.

Module: Introduction

Page: Introduction

0.1

Introduction

Please give a general description and introduction to your organization.

Adobe Systems Incorporated offers business, creative, and mobile software solutions that revolutionize how the world engages with ideas and information. Adobe customers include enterprises, knowledge workers, creatives and designers, OEM partners, and developers worldwide. Adobe is a global organization operating in 34 countries around the world.

0.2

Reporting Year

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

Enter Periods that will be disclosed

Thu 01 Jan 2009 - Thu 31 Dec 2009

0.3

Are you participating in the Walmart Sustainability Assessment?

No

0.4

Modules



if you are in these sectors, the corresponding sector modules will be marked as default options to your information request.

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

www.cdproject.net/cdp-questionnaire.

0.5

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
Rest of world

0.6

Please select if you wish to complete a shorter information request.

Further Information

Module: Governance

Page: Governance

1.1

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

Other, lower level departments

1.1b

Select the lower level department responsible.

Other: CFO

1.3a

Please explain how overall responsibility for climate change is managed within your company.

The Global Workplace Solutions group provides analysis and recommendations for, and the Sustainability Council reviews and recommends climate and sustainability actions to, the senior director of Global Workplace Solutions, who in turn presents the significant and strategic proposals to the CFO on behalf of the executive team for final consideration and approval.

In 2009, the Sustainability Council was formed, comprised of employees representing the facilities, corporate social responsibility, employee green team, finance, supply-chain and legal. The goal of the Sustainability Council is to provide for a forum for a cross-functional group to identify and promote sustainable practices throughout Adobe.

Adobe has invested in numerous energy, resource conservation, and other sustainability programs. These include programs for energy load management, lighting retrofits, water conservation projects, solid waste management programs, and investing in alternative energy power sources, including wind spires and fuel cells, and the purchase of renewable energy credits and carbon offsets. Adobe is continuously researching and implementing new sustainable products and processes, often testing them in their headquarters buildings prior to implementing them worldwide.

Recognizing that climate change efforts must be objective and quantifiable, Adobe participates in third party evaluations such as : benchmarking our owned and controlled buildings through EPA's Energy Star for Portfolios program beginning in 2003, certifying and re-certifying their buildings through the USGBC's LEED programs beginning in 2005, and through the Green Star certification program in Australia beginning in



Do you provide incentives for the management of climate change issues, including the attainment of greenhouse gas (GHG) targets?

Yes

1.5

Please complete the table.

Who is entitled to benefit from those incentives?	The type of incentives
Facility managers	Monetary reward
Other: Property Management, Cushman & Wakefield	Monetary reward

Further Information

Module: Risks and Opportunities

Page: Risks & Opportunities Identification Process

2.1

Describe your company's process for identifying significant risks and/or opportunities from climate change and assessing the degree to which they could affect your business, including the financial implications.

Adobe CSR, the global workplace solutions group, legal, and finance consistently review industry literature and attend workshops and seminars to stay informed regarding climate related issues, changes in regulations, market structure, and other areas that could affect business, both locally and globally. Issues that are relevant for a specific functional team (such as supply chain or procurement) are addressed by those teams. An active Green Team keeps the pulse on issues that are important to our employees. Company-wide issues are reviewed and prioritized by the Sustainability Council which develops strategies for addressing them.

Further Information

Page: Regulatory Risks

3.1

Do current and/or anticipated regulatory requirements related to climate change present significant risks to your company?

No

3.7

Please explain why you do not consider your company to be exposed to significant regulatory risks - current and/or anticipated.

Based on our current size, business activities and locations, we do not believe we are exposed to significant regulatory risks. In addition, due to our proactive approach to climate change issues as well as our strong operational controls, we believe we could quickly respond to new requirements and/or regulations.

Further Information

Page: Physical Risks

4.1

Do current and/or anticipated physical impacts of climate change present significant risks to your company?

No

4.7

Please explain why you do not consider your company to be exposed to significant physical risks - current and/or anticipated.



the fact that we have operations in 85 locations in 34 countries around the world.

Further Information

Page: Other risks

5.1

Does climate change present other significant risks - current and/or anticipated - for your company?

Yes

Do you want to answer using:

A text box

5.2B

What are the current and/or anticipated other significant risks, and their associated countries/regions and timescales?

Adobe sites have the potential to be exposed to varying risks, including the increased likelihood of interrupted utility supply, rising costs of energy, water and other resources, and increasingly unstable weather conditions.

5.3

Describe the ways in which the identified risks affect or could affect your business and your value chain.

Facilities operation may be hindered and therefore productivity may be constrained.

5.4

Are there financial implications associated with the identified risks?

Yes

5.5

Please describe them.

If operation of the facilities is hindered then the productivity of the company might be impacted which might have financial implications.

5.6

Describe any actions the company has taken or plans to take to manage or adapt to the other risks that have been identified, including the costs of those actions.

Having 85 sites in 34 countries around the globe and built-in redundancies in most systems ensures that operations (and business productivity) will be able to successfully overcome issues or risks that arise.

Further Information

Page: Regulatory Opportunities

6.1

Do current and/or anticipated regulatory requirements related to climate change present significant opportunities for your company?

Yes

Do you want to answer using:

A text box

6.2B

What are the current and/or anticipated significant regulatory opportunities and their associated countries/regions and timescales?

By working proactively to reduce GHG emissions through a combination of energy conservation measures and increased use of clean, alternative energy sources, Adobe reduces the potential impact of regulatory costs while reducing the overall cost of energy purchases in the process, reducing the uncertainty of future



travel and increasing their ability to monitor their impacts.

6.3

Describe the ways in which the identified opportunities affect or could affect your business and your value chain.

Adobe's product offerings allow organizations to reduce their travel needs and thus their Scope 3 emissions. Adobe Connect allows companies to conduct meetings, sales, presentations, sales calls, etc. via the web thus reducing the need to travel. Adobe's PDF and LiveCycle Suite of tools allows companies to create, distribute, and review documents electronically thus reducing the need for printing documents and/or sending documents via mail. Utilization of paper or printing paper greatly increases deforestation and contributes to the reduction of various natural resources. The use of Acrobat and PDF in the creative workflow also reduces the need for printing and inks in the review and approval process.

6.4

Are there financial implications associated with the identified opportunities?

Yes

6.5

Please describe them.

Since travel is a major source of emissions, regulatory actions and increased carbon offset costs can be expected to drive increased purchasing of software that support travel reductions by all types of organizations. In addition, software solutions that minimize the use of natural resources will also be seen as a worthwhile investment. If there are additional regulations or costs associated with the use of natural resources, the demand will likely increase.

6.6

Describe any actions the company has taken or plans to take to exploit the opportunities that have been identified, including the investment needed to take those actions.

Adobe promotes the benefits of our solutions in many ways. We share best practices of how to use these products through case studies and trainings available on Adobe.com. In addition, we work with partners, industry associations, user groups, etc. to try to inform and encourage our customers to leverage these solutions. Lastly, we use our products in our own operations reducing our travel costs and natural resource needs.

Further Information

Page: Physical Opportunities

7.1

Do current and/or anticipated physical impacts of climate change present significant opportunities for your company?

Yes

Do you want to answer using:

A text box

7.2B

What are the current and/or anticipated significant physical opportunities and their associated countries/regions and timescales?

Adobe's tools and technologies, such as Photoshop, Flash, and Flex are used in the capture and visualization of complex information. With Adobe's technologies, professionals are able to develop complex weather modeling systems which allow them to not only create various simulations, but also share it in visually compelling ways that allows others (including the general public) to understand the implications and possibilities. Similarly, our tools are used as dashboards in many environmental management systems -- enabling companies to capture their operational data, share it in an understandable way, and develop modeling capabilities to evaluate sustainable project investments.



change and their operations, tools such as Photoshop, Flex, and Flash will be used by companies that are developing environmental management systems, weather modeling tools, etc.

7.4

Are there financial implications associated with the identified opportunities?

Yes

7.5

Please describe them.

There are more companies entering the marketplace that are selling solutions and services that enable environmental data visualization, modeling, and distribution. As our products and technologies are critical components in these types of offerings, there will potentially be an increase in demand and consequently a potential increase in revenue.

7.6

Describe any actions the company has taken or plans to take to exploit the opportunities that have been identified, including the investment needed to take those actions.

Adobe supports the efforts of our customers who develop these types of environmental solutions.

Further Information

Page: Other Opportunities

8.1

Does climate change present other significant opportunities - current and/or anticipated - for your company?

Yes

Do you want to answer using:

A text box

8.2B

What are the current and/or anticipated other significant opportunities and their associated countries/regions and timescales?

Companies who adopt innovative and substantive policies and practices to reduce energy demand, reduce waste, conserve resources and protect the environment effectively demonstrate their leadership to employees, consumers, and investors alike. In addition, we benefit from the reduced expenses resulting from decreased demand for energy and natural resources.

8.3

Describe the ways in which the identified opportunities affect or could affect your business and your value chain.

We believe that our customers prefer to buy from a company that is committed to being a leader in environmental sustainability thus by our practices we increase customer loyalty. We believe that employees (both current and future) prefer to work for a company that is committed to sustainable practices thus our activities help us increase retention and productivity. We believe that investors recognize that running a company in an environmentally sustainable way is also a cost effective way thus increasing our potential for long term financial stability and success.

8.4

Are there financial implications associated with the identified opportunities?

Yes

8.5

Please describe them.

There are many financial implications including government incentives, reduction of energy and materials costs. In addition to the potential financial impacts of increased productivity, revenues and investment described above.



				tonnes CO2-e)		which the target applies	
Absolute emissions reduction	100.00	Metric tonnes CO2-e reduction relative to base year	2000	23201.00000	2012	Scope 1 + 2 + 3	Target ongoing

Further Information

Adobe had set a goal of reducing its emissions to below 2000 levels by 2012.

Page: Strategy - Emission Reduction Activities

↳

Is question 9.7 relevant for your company?

Yes

9.7

Please use the table below to describe your company's actions to reduce its GHG emissions.

1. Actions - please describe	2. Annual energy saving	3. Annual energy savings - number	4. Annual energy saving - units	5. Annual emission reduction in metric tonnes CO2-e	6. Reduction - achieved or anticipated	7. Investment - number	8. Investment - currency	9. Monetary savings - number
Purchase of RECs and VERs to offset carbon emissions arising from Scope 1 and Scope 2 in California	Not relevant			17792	Achieved	88192	USD(\$)	
Installation of renewable fuel sources such as fuel cells and wind turbines.	Anticipated	9450000	kWh (kilowatt-hour)	3768	Anticipated	11000000	USD(\$)	1323000



		savings - number	saving - units	in metric tonnes CO2-e	or anticipated			number
Energy Efficiency Measures - such as installation of LED lights where applicable, changing operating hours in the facilities, looking at proper development and design of Data Centers, replacing old equipment with newer energy efficient ones, etc.	Anticipated	3571000	kWh (kilowatt-hour)	1424	Anticipated	1500000	USD(\$)	500000

9.9**Please provide any other information you consider necessary to describe your emission reduction activities.**

Adobe purchases renewable energy credits and carbon credits offsetting 100% of its Scope 1 and Scope 2, for its major U.S. properties (San Francisco and San Jose); and Adobe will purchase the same for Boston and Seattle, as well as Ottawa, which is 52% of the total properties worldwide by square foot.

9.10**Do you engage with policy makers on possible responses to climate change including taxation, regulation and carbon trading?**

Yes

9.11**Please describe.**

Adobe is a member of the U.S. Green Building Council, the Building Owners and Management Association – Silicon Valley, CoreNetGlobal, International Facilities Management Association, Silicon Valley Leadership Group, Sustainable Silicon Valley, and various other organizations that directly interact with policy makers on these topics, including leaders of the City of San Francisco, the City of Jose, California State Legislators, and members of Congress. Adobe will soon join EPA Climate Leaders and EPA Green Power Partnerships.

Adobe is also a member or partners with a number of organizations working to encourage sustainable practices within our industry, including WhatTheyThink.com, Sustainable Green Printing Partnership, Chlorine Free Products Association, Sustainable Packaging Coalition, Forest Stewardship Council-U.S., and the Institute for Sustainable Communication. Through working and actively participating, Adobe



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

Page: Emissions Boundary - (1 Jan 2009 - 31 Dec 2009)

10.1

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

Companies over which operational control is exercised

10.2

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

No

Further Information

Page: Methodology - (1 Jan 2009 - 31 Dec 2009)

11.1a

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 and/or describe the procedure you have used (in the text box in 11.1b below).

Please select the published methodologies that you use.
The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
ISO 14064-1

11.1b

Please describe the procedure that you use.

Adobe utilizes the GHG Protocol and the ISO 14064-1 standards to calculate its Scope 1, Scope 2, and most of its Scope 3 emissions. Taking the known values and usages from controlled locations, weather conditions, and other known factors for each location, Adobe extrapolates energy usage values of leased spaces where known values are unavailable. From these energy use values, Adobe then calculates carbon emissions using emission factors from the GHG Protocol. Finally, a third-party auditor then validated and verified the calculations against the best practices of both Protocols.

11.2

Please also provide the names of and links to any calculation tools used.

Please select the calculation tools used.
Other: in house option using GHG and ISO 14064-1 Protocol

11.3

Please give the global warming potentials you have applied and their origin.

Gas	Reference	GWP
Carbon dioxide	IPCC Fourth Assessment Report (AR4 - 100 year)	1
Methane	IPCC Fourth Assessment Report (AR4 - 100 year)	25
Nitrous oxide	IPCC Fourth Assessment Report (AR4 - 100 year)	298

11.4

Please give the emission factors you have applied and their origin.

Fuel/Material	Emission Factor	Unit	Reference
Natural gas	50.49	Other: kg CO2e per GJ	GHG
Gas/Diesel oil	70.40	Other: kg CO2e per GJ	GHG
Motor gasoline	0.24	Other: kg CO2 per km	GHG



Other factors used include the following: 1) for Natural gas - 50.49 kg CO₂ per GJ, 0.0045 kg CH₄ per GJ, and 0.00009 kg N₂O per GJ 2) for Gas/Diesel Oil - 70.40 kg CO₂ per GJ, 0.0095 kg CH₄ per GJ, and 0.00057 kg N₂O per GJ

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

12.1

Please give your total gross global Scope 1 GHG emissions in metric tonnes of CO₂-e.

2793

¿

Is question 12.2 relevant to your company?

Yes

12.2

Please break down your total gross global Scope 1 emissions in metric tonnes CO₂-e by country/region.

Country	Scope 1 Metric tonnes CO ₂ -e
United States of America	2717
Rest of world	76

12.4

Where it will facilitate a better understanding of your business, please also break down your total gross global Scope 1 emissions by business division. (Only data for the current reporting year requested.)

Business Division	Scope 1 Metric tonnes CO ₂ -e

12.5

Where it will facilitate a better understanding of your business, please also break down your total gross global Scope 1 emissions by facility. (Only data for the current reporting year requested.)

Facilities	Scope 1 Metric tonnes CO ₂ -e

¿

Is question 12.6 relevant to your company?

Yes

12.6

Please break down your total gross global Scope 1 emissions by GHG type. (Only data for the current reporting year requested.)

GHG Type	Scope 1 Emissions (Metric tonnes)	Scope 1 Emissions (Metric tonnes CO ₂ -e)
CO ₂		2705
CH ₄		6
N ₂ O		1

¿

Is question 12.8 relevant to your company?

Yes

12.8

Please give the total amount of fuel in MWh that your organization has consumed during the reporting year.

15332

¿

Is question 12.10 relevant to your company?

Yes

12.10

Please complete the table by breaking down the total figure by fuel type.

Fuels	MWh

**12.12**

Please estimate the level of uncertainty of the total gross global Scope 1 figure that you have supplied in answer to question 12.1 and specify the sources of uncertainty in your data gathering, handling, and calculations.

Uncertainty Range	Main sources of uncertainty	Please expand on the uncertainty in your data
More than 5% but less than or equal to 10%	Metering/ Measurement Constraints Data Management Other: Operator Error	The main potential sources of uncertainty are operator error from those entering the data from the source site to those calculating.

Further Information

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

13.1

Please give your total gross global Scope 2 GHG emissions in metric tonnes of CO2-e.

27542

¿

Is question 13.2 relevant to your company?

Yes

13.2

Please break down your total gross global Scope 2 emissions in metric tonnes of CO2-e by country/region.

Country	Metric tonnes CO2-e
United States of America	17983
Rest of world	9503

13.4

Where it will facilitate a better understanding of your business, please also break down your total gross global Scope 2 emissions by business division. (Only data for the current reporting year requested.)

Business division name	Metric tonnes CO2-e

13.5

Where it will facilitate a better understanding of your business, please also break down your total gross global Scope 2 emissions by facility. (Only data for the current reporting year requested.)

Facility name	Metric tonnes CO2-e

¿

Is question 13.6 relevant to your company?

Yes

13.6

How much electricity, heat, steam, and cooling in MWh has your organization purchased for its own consumption during the reporting year?

Please supply data for these energy types.	MWh
Electricity	65181

13.8

Please estimate the level of uncertainty of the total gross global Scope 2 figure that you have supplied in answer to question 13.1 and specify the sources of uncertainty in your data gathering, handling, and calculations.



More than 5% but less than or equal to 10%

Metering/
Measurement
Constraints
Data Management
Other: operator
Error

The main potential sources of uncertainty are operator error from those entering the data from the source site to those calculating.

Further Information

Page: Emissions Scope 2 Contractual

14.1

Do you consider that the grid average factors used to report Scope 2 emissions in question 13 reflect the contractual arrangements you have with electricity suppliers?

Yes

14.4

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

Further Information

Page: Emissions Scope 3

¿

Is question 15.1 relevant to your company?

Yes

15.1

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

Sources of Scope 3 emissions	Metric tonnes of CO2-e	Methodology	If you cannot provide a figure for a relevant source of Scope 3 emissions, please describe the emissions.
Business travel	34134	Emissions from short, medium and long haul business air travel miles were calculated. Emissions from miles traveled in rental cars on business purposes were also calculated using emission factors for gasoline.	
Leased assets (Scope 1 emissions of the lessee)	501	Taking the known values and usages from controlled locations, weather conditions, and other known factors for each location, Adobe extrapolates energy usage values of leased spaces where known values are unavailable. And from these energy use values, Adobe then calculates carbon emissions using emission factors from the GHG Protocol.	

Further Information

Page: Emissions 7

16.1

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

**of the economy they might help to avoid emissions and their potential to avoid emissions.**

Many of Adobe's products enable our customers (and their customers) to reduce GHG emissions. Adobe Connect enables web conferencing which can reduce the need for travel. Since travel is a major source of emissions, regulatory actions and increased carbon offset costs can be expected to drive increased use of software that supports travel reductions by organizations. Similarly, our Acrobat and LiveCycle solutions enable customers to reduce their need for paper as well as the energy and resource needs for printing, sending, etc. Lastly, our Creative and Developer solutions allow customers to create tools to visualize and model complex data systems. In addition to being able to better understand the information, it can enable them to change behaviors (encouraging reducing GHG emissions).

¿

Is question 17.1 relevant to your company?

No

17.2**Please explain why not.**

This is not applicable to Adobe as we do not use biofuels at this time.

Further Information**Page: Emissions 8****18.1a****Please describe a financial intensity measurement for the reporting year for your gross combined Scope 1 and Scope 2 emissions.**

If you do not consider a financial intensity measurement to be relevant to your company, select "Not relevant" in column 5 and explain why in column 6.

Figure for Scope 1 and Scope 2 emissions	GHG units	Multiple of currency unit	Currency unit	Financial intensity metrics	Please explain if not relevant. Alternatively provide any contextual details that you consider relevant to understand the units or figures you have provided.
11.52	Metric tonnes CO2-e	Million	USD(\$)	Revenue	

18.1b**Please describe an activity-related intensity measurement for the reporting year for your gross combined Scope 1 and Scope 2 emissions.**

Oil and gas sector companies are also asked to report activity-related intensity metrics in answer to table O&G1.3.

If you do not consider an activity-related intensity measurement to be relevant to your company, select "Not relevant" in column 3 and explain why in column 4.



			relevant to understand the units or figures you have provided.
		Not relevant	This is not relevant as total global revenue used for calculation.

19.1

Do the absolute emissions (Scope 1 and Scope 2 combined) for the reporting year vary significantly compared to the previous year?

No

20.1A

Please complete the following table indicating the percentage of reported emissions that have been verified/assured and attach the relevant statement.

Scope 1 (Q12.1)	Scope 2 (Q13.1)	Scope 3 (Q15.1)
More than 20% but less than or equal to 40%	More than 20% but less than or equal to 40%	More than 40% but less than or equal to 60%

20.1B

I have attached an external verification statement that covers the following scopes:

Further Information

Adobe's methodology for calculating its GHG Inventory has been validated against GHG Protocols and the ISO-14064-1 Protocols. Attached is a report.

Attachments

[20090709 Adobe Greenhouse Gas Emission Inventory Report.docx](#)

Page: Emissions 9 Trading**21.1**

Do you participate in any emission trading schemes?

No, we don't participate nor do we currently anticipate participating in any emissions trading scheme within the next two years.

21.4

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

Yes

21.5

Please complete the following table.

Credit origination or credit purchase?	Project identification	URL link to project documentation	Verified to which standard?	Number of credits (metric tonnes of CO2-e)	Credits retired?	Purpose e.g. compliance
Credit Purchase	The Denton Landfill Gas Project		CAR	5845	Yes	Voluntary Offsetting
Credit Purchase	National Green-E Wind		Other: Green-E	11947	Yes	Voluntary Offsetting

Further Information**Module: Climate Change Communications**



places than in your CDP response?

Yes

22.2

In your Annual Reports or other mainstream filing? (If so, please attach your latest publication(s).)

Yes

22.3

Through voluntary communications such as CSR reports? (If so, please attach your latest publication(s).)

Yes

Further Information

Adobe reports to a number of organizations monitoring carbon emissions by companies, including EIRIS, EPA's Climate Leaders Program, Sustainable Silicon Valley, TruCost, and several other, similar organizations. Adobe has a CSR Summary that will be available at the CSR website in June 2010. The CSR website URL is as follows: <http://www.adobe.com/corporateresponsibility/>

CDP: [X][-,][P2]



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