The Climate Registry

Introduction to The Climate Registry

December 9，2010
iCET Side Event, COP 16

Who We Are

- a non-profit organization governed by states, provinces and tribes in North America

- a policy neutral, non-advocacy organization

- a membership organization, with over 430 members from business, government, NGOs and academia

What We Do

- Help organizations measure their carbon footprints

- Provide expert technical support, training, tools, and resources at a low cost

- Maintain a registry of carbon footprints from members who report to us

- Help companies analyze their energy use and ways to improve efficiency

- Create a network of members to share ideas & best practices

- Recognize leadership in carbon reporting and reductions

A Community of Leaders

Awards & Conferences

Annual awards reception – Chicago 2010

- **Regional climate policy forums**
  - ❑ Seattle, March 10-11 2011
 - ❑ Chicago, Summer 2011

How to report to The Climate Registry

Steps to a carbon footprint

1. Determine your boundaries and identify your sources: what's in and what's out

2. Collect data for scope 1 and scope 2 emissions

3. Input data by facility into The Climate Registry's online reporting tool

4. Independent review to ensure accuracy of data

5. Report data publicly (Data available online at https://www.crisreports.org)

Emission sources
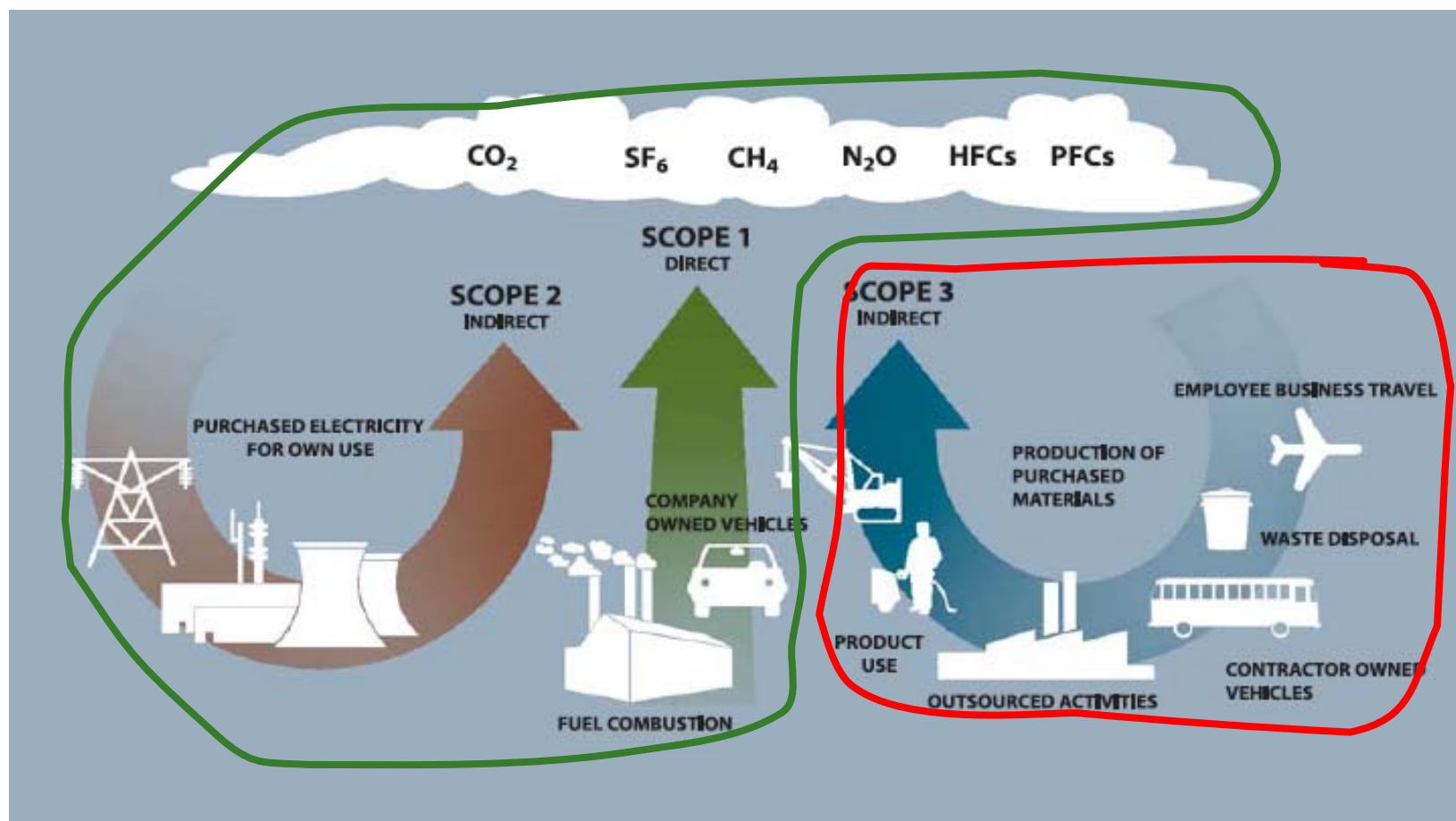
Required
Optional
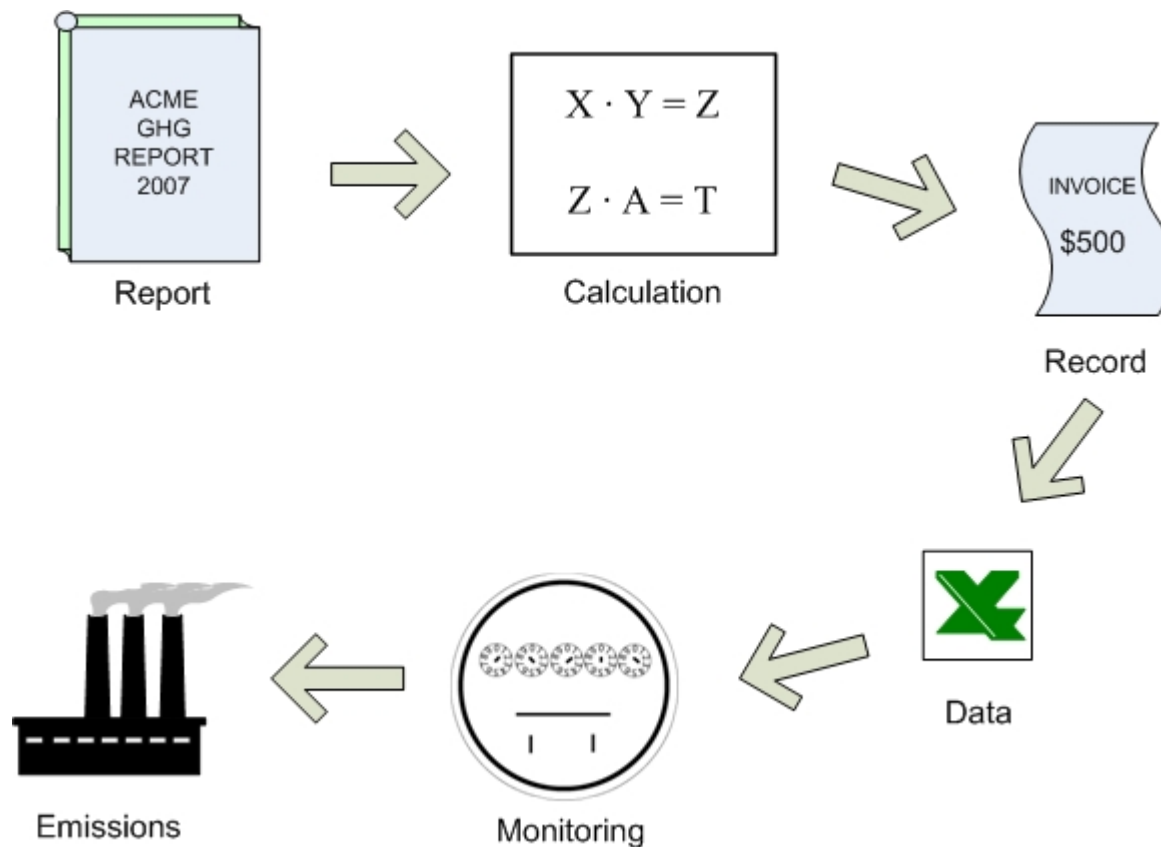
Facility
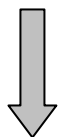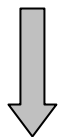
Source

Data
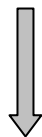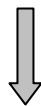
- For more information on identifying sources, attend the "Building an Inventory for Reporting to The Registry Part II: Data Collection" training.

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Good data management establishes a clear trail for verification

Report → Calculation ($X \cdot Y = Z$, $Z \cdot A = T$) → Record (INVOICE $500) → Data → Monitoring → Emissions

**Graphic courtesy of:
First Environment**

CRIS 3.0

Manage Sources

Calculate Emissions

Publish Reports

CRIS: Climate Registry Information System

Entity Emissions Detailed Report

San Diego Unified Port District

(Public)
11/19/2010 10:21:50 PST

Operational Control: North America

DIRECT EMISSIONS (metric tons)	CO2e	CO2	CH4	N2O	HFCs (CO2e)	PFCs (CO2e)	SF6
Stationary Combustion - Scope 1	289.78	289.02973	0.02756	0.00058	0	0	0
Mobile Combustion - Scope 1	1,593.31	1,579.3	0.0779	0.0399	0	0	0
Process - Scope 1	0	0	0	0	0	0	0
Fugitive - Scope 1	59.28	0	0	0	59.28	0	0
TOTAL DIRECT EMISSIONS	1,942.37	1,868.32973	0.10546	0.04048	59.28	0	0

INDIRECT EMISSIONS (metric tons)	CO2e	CO2	CH4	N2O	HFCs (CO2e)	PFCs (CO2e)	SF6
Purchased Electricity - Scope 2	3,169.75	3,157.45575	0.11841	0.03163	0	0	0
Purchased Heating - Scope 2	0	0	0	0	0	0	0
Purchased Cooling - Scope 2	0	0	0	0	0	0	0
Purchased Steam - Scope 2	0	0	0	0	0	0	0
TOTAL INDIRECT EMISSIONS	3,169.75	3,157.45575	0.11841	0.03163	0	0	0

BIOGENIC EMISSIONS (metric tons)	CO2
Stationary Biomass Combustion - Biomass	0
Mobile Biomass Combustion - Biomass	0
TOTAL BIOGENIC EMISSIONS	0

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Benchmark performance
(lbs CO_2/MWh)

	Electricity Deliveries	Electricity Generation	Fossil Generation
Calpine	—	650	905
PG&E	566	50	1428
SDG&E	614	—	—
SCE	679	719	1999
SMUD	769	639	982
LADWP	1365	1562	1831
PacifiCorp	1811	2020	2172

Resources

- **Reporting Toolkit**
  - www.theclimateregistry.org/resources/reporting-toolkit/

- **Helpline**
  - 866-523-0764 x3

- **Email**
  - help@theclimateregistry.org
  - cris@theclimateregistry.org (CRIS related questions)

A high quality carbon footprint is the strong foundation for many other key activities

Thank you for your attention!

The Climate Registry
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