
Introduction to the Climate Registry



The Climate Registry

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Background of the Climate Registry

- **Founded by states considering regional GHG registries.**
- **States were considering a variety of policies to reduce GHG emissions—measuring was the first step.**
 - Policy neutral
 - The recognized platform in North America
 - Its all about measuring
- **Incorporated in March 2007 in Washington, D.C. as a non-profit organization**
- **Currently seeking organizations to be founding reporters by signing up before May 1, 2008**



Fundamental Program Principles

- Entity-wide facility-level reporting
- All six GHGs
- Reporting all direct emissions and indirect emissions from electricity
- North American reporting
- Third-party verification



Value to states/tribes/provinces

- Create accounting infrastructure to support their GHG policies
- Cost effective—build on what is established
- Collaborate with other jurisdictions
- A voice in establishing national standards
- Help companies to establish a baseline and demonstrate reductions



Benefits for reporters

1. **A cost effective means to measure GHG emissions**
 - Access to software and technical support
2. **Document early actions**
3. **Prepare for federal reporting**
4. **Education for employees on GHG emissions**
5. **Recognition as a global environmental leader**
6. **Get a seat at the table**
7. **Save money on energy**



Mandatory Federal Reporting

- New federal mandatory reporting law:
 - Threshold levels to be defined by USEPA
 - Include all sectors of economy
 - First reporting year 2010 or 2011
- What does this mean for large emitters?
 - Banish any illusions that you will not need to report
 - Get engaged in the process now
 - Know and understand your GHG footprint



How to participate:

Step One – Gather data (1)**

- ❑ Input data by facility into web-based software*
- ❑ Annually, on calendar year basis
- ❑ All 6 Kyoto gases (CO₂, CH₄, N₂O, HFCs, PFCs, SF₆)
- ❑ Direct: stationary, mobile, process and fugitive
- ❑ Indirect: electricity and steam
- ❑ Estimation permitted for up to 5% of emissions
- ❑ Operational control, financial control or equity share



How to participate:

Step One – Gather data (2)**

- **Geographic scope: All North America***
 - **Transitional reporting: At least all CO2 for at least one state/province for first two years**
- **Historic data may be submitted**
 - **Must be third-party certified**
 - **Minimum: CO2 from all stationary sources for one state/province**
- **Tracking mostly through utility bills and vehicle fuel**



How to participate: Step Two – Verify

- Have your data reviewed by an approved verifier annually



How to participate: Step Three – Report

- ❑ Report your data publicly on the Climate Registry website
- ❑ Includes facility data*
 - May request exemption for up to two years
- ❑ Your annual public report will also include other information you wish to report about your environmental efforts, programs and reduction targets



Costs of Participation

Annual Participation Fee

Annual Verification Fee

Staff time



Who are the reporters?

Cities/Counties

Greenville, SC

Long Beach, CA

Roseville, CA

Salt Lake City, UT

Salt Lake County, UT

Seattle, WA

Wilmington, DE

Electric Power

Arizona Public Service

Austin Energy

Electric Power

Covanta Energy

Duke Energy

Xcel Energy

Great River Energy

National Grid

PG&E

PacifiCorp

Salt River Project

Tucson Electric

Wolverine Power



Who are the reporters?

Federal Government

Los Alamos National Lab
U.S. Postal Service

Manufacturing

Alcoa Intalco & Wenatchee
Bentley Prince Street
Cormetech
PPG Industries
Tropical Salvage
USANA Health Sciences

Mining

Kennecott Utah Copper
Newmont Nevada

Non-Profit Organizations

Coastal Conservation League
Minnesota Metropolitan Council

Oil/Gas

Shell Oil Company



Who are the reporters?

Real Estate

Kennecott Land

Recycling

Appliance Recycling Centers

Services

Alliant Environmental

Cameron-Cole

Earth Advantage

Ecos Consulting

EcoSecurities

ETC Group

First Environment

Innovative Bio-technologies

Jacques Whitford Limited

Services

Kleinfelder

MotivEarth

SAIC

SWCA

TRC Solutions

Trihydro Corporation

Worldwide Carbon

State Government

Minnesota PCA

North Carolina DENR

South Carolina DHEC

Utah Dept of Enviro. Quality



Timelines

- **General Reporting Protocol**
 - Public workshops in February
 - Final version scheduled for release in late March
- **Verification protocol**
 - First draft released for public comment on February 1. Comments due by March 14
 - Final version scheduled for release May 1
- **Software launch, fully operational: June 30**



Where does TCR belong in the list of existing, voluntary climate programs?

GHG REGISTRIES

- CA Climate Action Registry
- The Climate Registry

GHG REDUCTION PROGRAMS

- EPA Climate Leaders
- DOE 1605b/Climate Vision

TRADING PROGRAMS

- Chicago Climate Exchange (CCX)

INVESTOR DISCLOSURE

- Global Reporting Initiative
- Carbon Disclosure Project



How to participate

- **Submit signed Statement of Intent**
- **Pay fee**
- **Recognition as a founding reporter—if signed up by May 1, 2008**



The Climate Registry

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