
Introduction to The Climate Registry



The Climate Registry

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The Climate Registry - Overview

- The largest climate initiative in North America
 - Covers 80% of population
- Policy neutral
- It's about precise, accurate measurement
- Seeking Founding Reporters before May 1, 2008



The Climate Registry

■ = Registry member as of March 31, 2008



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What does The Climate Registry do?

- Sets best practices standards for voluntary GHG emissions calculation, reporting and verification
- Collects data consistently across all North American jurisdictions
- Establishes common data platform for voluntary and mandatory programs



The Climate Registry

Difference between Inventory and Registry

- **Inventory: top down data - estimates sources and emissions**
 - Often done by states and federal governments
- **Registry: bottom up data – calculates and reports carbon footprint of an organization**

In a perfect world, the checkbook will balance...



Voluntary GHG Programs

GHG REGISTRIES

- CA Climate Action Registry
- The Climate Registry

GHG REDUCTION PROGRAMS

- EPA Climate Leaders
- DOE 1605b/Climate Vision
- ICLEI

TRADING PROGRAMS

- Chicago Climate Exchange (CCX)

INVESTOR DISCLOSURE

- Global Reporting Initiative
- Carbon Disclosure Project



Reporting to The Climate Registry: Fundamental Principles

- All 6 GHGs *
- All of North America * * By year 3
- At facility level
- 3rd party verified
- Public reporting
 - Entity level by gas/category in 3 countries
 - Facility level by state/province
 - Exemption: aggregated state/provincial reporting by CO₂e



Reporting Categories

Emissions Categories

- Direct emissions (stationery combustion, mobile, process, fugitive)
- Indirect emissions (electricity, steam, cooling, heating)
- Process
- Fugitive
- Biogenic (from stationery combustion only)



Registry Tools

- General Reporting Protocol
- General Verification Protocol
- **C**limate **R**egistry **I**nformation **S**ystem (**CRIS**)
Online GHG calculation, reporting, and verification tool
- Reporter technical help line
- Regular web-based training



Costs of Participation

Annual Participation Fee

Annual Verification Fee

Staff time



The Climate Registry

Value to states/tribes/provinces

- Create accounting infrastructure to support their GHG policies
- Cost effective and collaborative—build on what is established
- A voice in establishing national standards
- Encourages organizations to establish a baseline and demonstrate reductions



Reporter Benefits

- **Competitive Advantage**
 - Insights on how best to reduce emissions/costs
 - Cost effective measurement of GHG emissions
- **Risk Management**
 - Document and protect early actions in a recognized scheme
- **Prepare for and influence federal and state reporting**
 - Registry called out in Lieberman-Warner
 - Registry works closely with state, regional and federal policymakers
- **Recognition as an environmental leader**



Mandatory Federal Reporting

- New law included in Omnibus Appropriate Bill requires mandatory federal reporting:
 - Above “appropriate” threshold levels, as defined by USEPA
 - Include all sectors of economy
 - Includes both upstream and downstream sources
- First year of reporting likely to be 2010 or later
- Draft rule due in September likely to be a menu of options



Reporters

- **Founding Reporters status until May 1**
- **First 75 Reporters**
 - *17 electric companies*
 - *9 large mfg./industrial*
 - *8 cities*
 - *7 state/federal agencies*



North Carolina/South Carolina Reporters

- **Cormetech, Inc.**
- **The North Carolina Department of Environment and Natural Resources**
- **Duke Energy Corporation**
- **Progress Energy**

- **The City of Greenville**
- **Coastal Conservation League**
- **South Carolina Department of Health & Environmental Control**
- **S.C.P.S.A., Santee Cooper**

- **SCANA Corporation**



Reporter Challenge

- State environmental agencies should take the lead as reporters
- Consolidate and report all agencies as single state report in future
- Registry working on guidelines for lead agencies to use to encourage and help other agencies report



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