



Protocol Development with the California Climate Action Registry

Gary Gero

President, California Climate Action Registry

ARB Local Government Public Workshop

March 11, 2008

California Climate Action Registry



- Non-profit greenhouse gas registry created by state legislation in 2001
 - Encourage voluntary public reporting and early action reductions
 - Develop protocols to establish emission inventory baselines and track GHG emissions
- Created a verifiable “gold standard” for GHG accounting across sectors
- Used by businesses, government agencies, educational institutions, non-profits, and others
- Over 325 members and 500 million metric tons CO₂e registered for years 2000 - 2006

Annual Three Step Process



1. Inventory according to the Registry protocols
 - CO₂ first 3 years, then all 6 Kyoto gases
 - Direct stationary, mobile, process and fugitive emissions
 - Indirect emissions from electricity
2. Report GHG emissions inventory
 - Use Registry's web-based tool, CARROT
3. Verify GHG emissions inventory results
 - Work with Registry- and State-approved independent, third-party verifier

Our History of Protocol Development



- Protocol development process that encourages expert and public participation:
 - Voluntary multi-stakeholder workgroup
 - Internal review
 - Expert review
 - Agency and public review
 - Board review and consideration
 - Ongoing opportunity for public feedback and comment
- State recognition of our protocol development expertise:

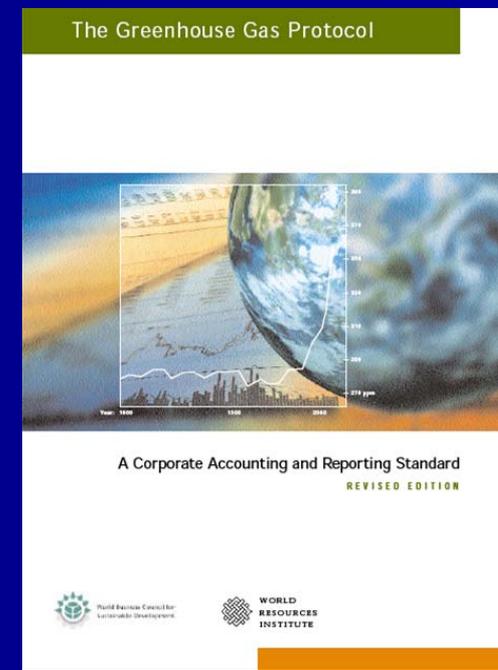
“Where appropriate and to the maximum extent feasible, incorporate the standards and protocols developed by the California Climate Action Registry” (*Part 2. Mandatory GHG Reporting, AB 32, 2006*)

GHG Accounting and Reporting Principles



Based on WRI/WBCSD *The GHG Protocol: A Corporate Accounting and Reporting Standard*

- Relevance
- Completeness
- Consistency
- Accuracy
- Transparency
- Classifies emission sources:
 - Scope 1/Direct
 - Scope 2/Indirect
 - Scope 3/Optional
- Defines organizational and operational boundaries



CCAR Protocols



Entity Protocols:

- General Reporting Protocol
- Industry-specific reporting protocols
 - Power/Utility
 - Forest
 - Cement

Project Protocols:

- Livestock
- Landfill
- Forest (3 project types)

Climate Action Reserve



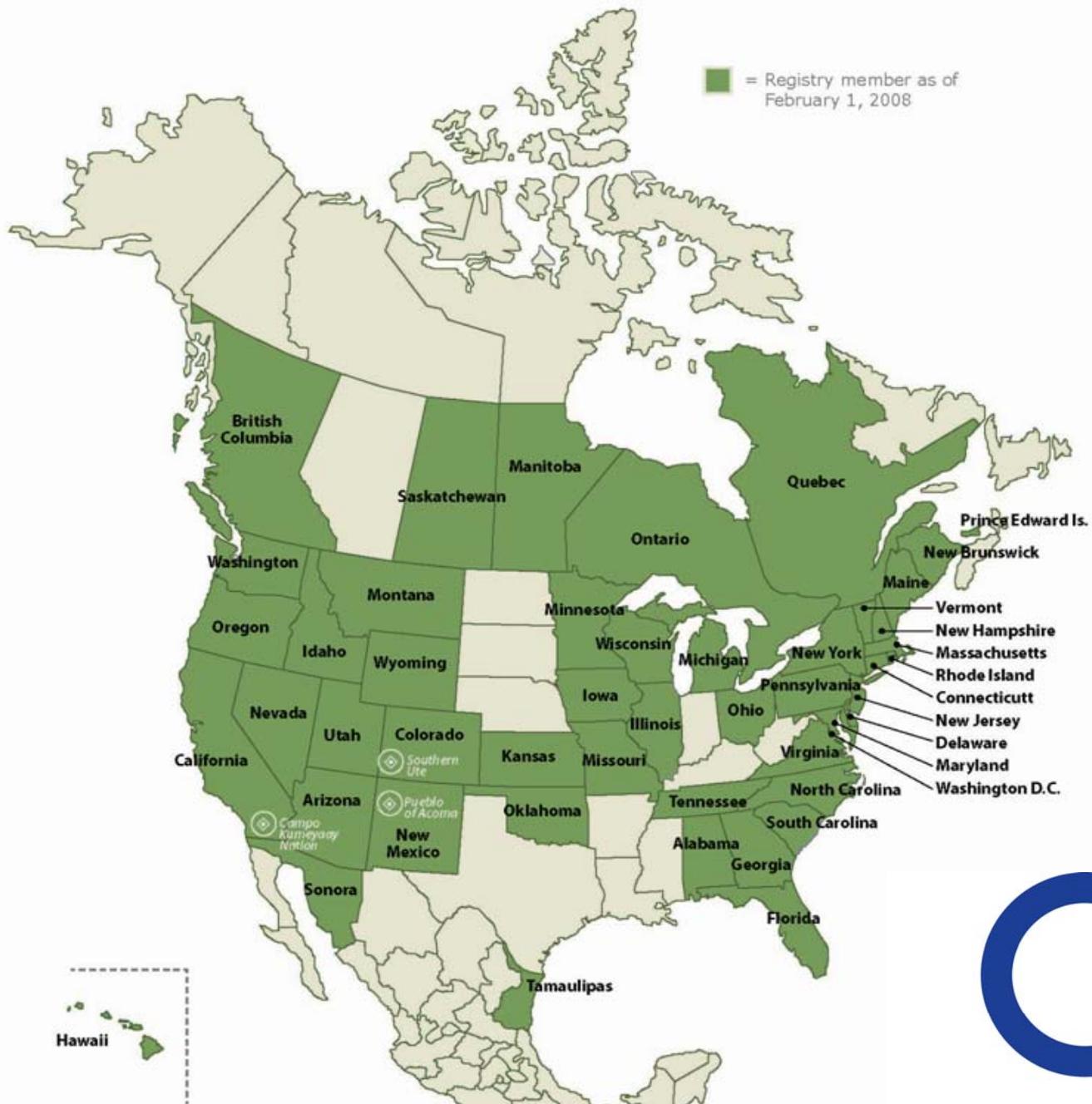
- Program of the California Registry to verify, register, and track emission reductions (offsets)
 - Assigns a unique serial number to each ton of CO₂e
 - Provides assurances that offsets are real and are not double-counted/double-sold
 - Tracks each ton from creation, through transactions, to retirement
- Relies on Project Protocols developed by California Climate Action Registry
 - Local Gov't: Urban Forestry, others
- Operates in 50 states



The Climate Registry



- The largest climate initiative in North America
 - States representing over 80% of U.S. population involved, along with Canadian provinces, Mexican states and Indian tribes
- Created by the California Registry and others using the California model
 - Protocols, independent third-party verification, public reporting
- Provides a common accounting standard and infrastructure
 - Measuring and storing high quality GHG emissions data
- Support diverse climate policies (voluntary and mandatory)
 - Provides linkages between states and regions (WCI, etc.)
- In final stages of approving GRP and launching online tool



The Climate Registry

Contacts



Rachel Tornek
Senior Policy Manager

(213) 891-1444 ext. 109

rachel@climateregistry.org

Heather Raven
Policy Associate

(213) 891-1444 ext. 124

heather@climateregistry.org