



# **2008 Virtual Members Meeting**

# Agenda



- Welcome
- President's Report
- Registry Updates
  - Policy Landscape
  - Protocol Update
  - Program Update
  - Best Practices
- Feedback



# President's Report

Gary Gero  
President  
[gary@climateresistry.org](mailto:gary@climateresistry.org)

# Key Achievements in 2007



- Voluntary Carbon Market Development
  - New protocols adopted (livestock, landfill)
  - ARB adopted forest protocol
  - Support for PG&E launch of Climate Smart program
  - Offset Quality Initiative
- Support for Government Programs
  - Assist ARB in AB 32 implementation
  - Establishing and staffing The Climate Registry
  - State of New Mexico support

# Key Achievements (2)



- Education and Outreach
  - Annual Conference
  - Delegation to UN Conference in Bali
  - Cool Planet Project
  - Workshops, seminars, conferences
- Organizational Development
  - Member and Staff Growth
  - Strategic Planning
  - Governance

# Key Drivers of Change

- AB 32 Mandatory Reporting
- Development of AB 32 Regulatory Program
  - Reported inventories used for baseline setting in future market-based regulatory program.
- Launch of The Climate Registry
  - California model across North America
  - Consistency in reporting standards

*Much of the original mission of California Registry has been fulfilled.*

# Future of the Registry

- Vision
  - To be a leading and recognized source of accurate, transparent, and credible GHG quantification standards for entities and projects.
- Strategic Plan
  1. Strong Member Support
  2. Implement National Project Registry
  3. Provide Thought Leadership

# 1. Strong Member Support

- Provide excellent customer service to members
  - Technical and program support, workshops, seminars
- Represent member interests in ARB proceedings and at The Climate Registry
  - Ensure that data reported to California Registry is recognized
- Provide other member services not related to inventory data reporting



## 2. Implement National Project Registry



- Bring reputation for credible, accurate, transparent GHG accounting to the quantification of emission reductions from project activities.
- Implement rigorous tracking system to prevent double counting.
- Initial focus on voluntary market with goal that offsets can be applied in market-based regulatory setting once developed.
- Expand beyond California
  - To bring consistency and alignment
  - International linkages through VCS

### 3. Provide Thought Leadership



- Use knowledge and experience of California Registry staff to provide expert technical and policy services.
  - ARB, WCI, RGGI, The Climate Registry
- Consider additional areas, such as Climate Neutral standards and certification.

# Transition Strategy



- Encourage members to continue to report through California Registry for at least 2008 and 2009 reporting years
  - Transition to The Climate Registry by encouraging joint membership.
    - California data automatically transferred to TCR for joint members.
  - Ultimately fully transfer entity reporting to TCR.
  - Develop non-reporting related member services and continue to offer memberships in California Registry.



# Policy Landscape

Derek Markolf  
Senior Policy Manager  
[derek@climateresistry.org](mailto:derek@climateresistry.org)

# California AB 32 process



- **Mandatory Reporting Regulation**
  - Based on CCAR protocols and programs
  - ARB staff consulted with CCAR during Regulatory development process
  - CCAR member participation in ARB public process instrumental to ARB success
- **ARB board adopted Regulations at December 6<sup>th</sup> board meeting**
  - Revised Regulation – 15 day comment period soon
- **Developing CCAR – ARB comparison matrix**

# ARB Scoping Process



- Multiple sector specific subgroups
- Workshops November 2007-April 2008
- Draft Scoping Plan June 2008
- More workshops July 2008
- Scoping Plan to ARB board for adoption in November 2008



# Climate Action Reserve

Joel Levin  
Vice President, Business Development  
[jlevin@climatereserve.org](mailto:jlevin@climatereserve.org)

# What are carbon reduction projects?



- Projects are discrete activities undertaken with the intention of reducing, avoiding or sequestering emissions
- Projects are often undertaken for trading purposes
- Projects demand a different type of accounting



# What is the Climate Action Reserve?



- New CCAR program to register and track carbon reduction projects throughout the U.S.
- Climate Action Reserve
  - Will be established as its own name, but co-branded with CCAR



- Intended to be the premier place to register voluntary carbon reduction projects

# Why is CCAR doing this?



- Current status of voluntary carbon market
  - Bad press, skeptical public
- Key concerns
  - Projects aren't real or additional
  - Projects create other social or environmental problems
  - Credits are being double counted or sold
- CCAR reputation for high-quality accounting standards can address these concerns
- CCAR goal: To be the recognized “seal of approval” for market participants

# What project protocols do we have?



- Livestock methane
- Forestry
- Landfill methane

# Crediting reductions



- Developer opens an account on the Reserve
  - Web-based banking software
- When CCAR accepts the project documents and verifier's opinion, it credits the project developer's account with the appropriate number of CRTs (carbon reduction tons, pronounced "carrots")
  - Project documents are visible to the public
- Each CRT has a unique serial number for tracking
  - Includes embedded information about the project, project type, vintage, and location

# Trading



- Developer contracts to sell CRTs with an interested buyer
  - Financial transaction is outside of the system
  - Buyer must have an account on the system
- Developer instructs the system to transfer the CRTs into the buyer's account
- Buyer can hold them, retire them or trade them to someone else

# How can CCAR members report purchases of CRTs



- If a CCAR member purchases CRTs to offset their emissions, these can be reported and verified in their CARROT report
  - Scope 1 & Scope 2 emissions only
  - This is a change from current practice

# Current Status of the Climate Action Reserve



- Currently accepting projects
  - Two forest projects verified
    - ~ 210,000 tCO<sub>2</sub> from 2 years of project activity
- Software: Online software will go live in late April
  - Public launch



# Harmonization: The Climate Registry

Diane Wittenberg  
Executive Director, The Climate Registry  
[diane@theclimateregistry.org](mailto:diane@theclimateregistry.org)



# The Climate Registry

- **51 members:** U.S. states, Canadian provinces, Mexican states, Indian tribes
  - More will join
- **57 Founding Reporters to date**
  - Founding Reporter status for those that join by May 1, 2008
  - 15 Founding Reporters are also Ca. Registry members
- **General Reporting Protocol available March 31**
- **Software: CRIS – June**





# TCR: Reporting Terminology

## ■ Historical reporting

- 3<sup>rd</sup> party verified CO<sub>2</sub> reporting, at least state-wide
  - ❖ All Ca. Registry verified data meets this requirement

## ■ Transitional reporting

- CO<sub>2</sub> statewide data meets minimum requirement
- TCR verification required

## ■ Complete reporting

- All 6 gases for all sources across North America
- Required no later than with third year of reporting to TCR



# Benefits of Joint Membership

- Strong reasons for joint membership
  - Report once each year
  - CCAR is operational, well-recognized
    - CARB will recognize CA verified data
  - TCR provides risk management for future federal programs
- 50% reduction in TCR fees for 2008 and 2009
  - Fee schedule is same as Ca Registry
  - Free transfer of historical data if join TCR in 2008



# Membership Options

	Option 1	Option 2	Option 3
Join TCR in Year:	2008	2008	2009
Start reporting in CRIS with emissions data from Year:	2007	2008	2009
TCR Transitional Reporting Data Years Include:	2007, 2008	2008, 2009	2009, 2010
Reporting of complete North American data is required for emissions year:	2009	2010	2011
Historic data years will be transferred by TCR for:	2006 and earlier	2007 and earlier	2008 and earlier





# Protocol Update

Rachel Tornek  
Senior Policy Manager  
[rachel@climateresistry.org](mailto:rachel@climateresistry.org)

# Updates in GRP 3.0

- New reporting/verification deadlines:
  - Submit CARROT report by **June 30**
  - Complete verification by **October 31**
- Updated emission factors:
  - Stationary combustion to match ARB, TCR
  - eGRID2006 CO<sub>2</sub> electricity factors; changes in subregions
  - Added CH<sub>4</sub>, N<sub>2</sub>O factors for off-road vehicles/construction equipment

# Updates in GRP 3.0

- New methodologies included for:
  - California-based electricity use estimation
  - Calculating CO<sub>2</sub> emissions from biodiesel blends
- Changes to HFC/PFC to be reported:
  - Added HFC-32, removed C<sub>5</sub>F<sub>12</sub> to harmonize with ARB
- De minimis emissions
  - Required to be disclosed to California Registry and to the public



# Updates in GVP 3.0



- Change “certification” to verification”
- If NDA needed in case of State oversight, must use standard NDA
- Member to submit signed Verification Opinion to CCAR, not verifier

# CCAR Protocols



## Entity:

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

## Project:

- Livestock
- Landfill
- Forest (3 project types)



# Entity Protocols

- **Natural Gas Transmission & Distribution**
  - Draft protocol being reviewed by workgroup
  - Draft for public comment: mid-June 2008
  - Expected adoption: August 2008
  
- **Oil & Gas Exploration & Production**
  - WRAP is driving process; partnering with NM and ARB
  - Draft for public comment: November 2008
  - Expected adoption: February 2008



# Entity Protocols

## Local Government Protocols

- Partnering with ICLEI, ARB and TCR
- Three-phase approach:
  1. Local Government Operations Protocol
  2. Community-level inventory guidance
  3. Project protocols, if identified through process
- Local Government Operations Protocol kick off this week
  - Public comment: mid-June 2008
  - Expected adoption: August 2008
- Community guidance to be kicked off this summer

# Project Protocols



In development:

- Expanding Forest Protocols for public lands/  
working forests
  - Public comment: October 2008
  - Expected adoption: December 2008
- Urban Forestry
  - Public comment: mid-June 2008
  - Expected adoption: August 2008

# Project Protocols



## Scoping:

- Natural Gas Operations & Maintenance
- Recycling/Waste Diversion

## Evaluating:

- Blended Cement
- Bus Rapid Transit
- CH<sub>4</sub> Avoidance - Composting
- CH<sub>4</sub> Avoidance - Co-Digestion
- Fleet Upgrade
- N<sub>2</sub>O Reduction in Acid Plants
- Soil Sequestration
- Tidal Wetland Restoration
- Truck Stop Electrification
- Wastewater Biogas Capture & Combustion



# Registry Program Update

Robyn Camp  
Vice President, Programs  
[robyn@climateresistry.org](mailto:robyn@climateresistry.org)



# New Staff

to better serve you...

- Robyn Camp: harmonization
- Sarah Stanner-Cranston: annual conference, sector work groups
- Marie Massa: QA/QC and coordination
- Kati Price: state agencies liaison
- Josh Perlman: COI, batch verification
- Kristen Garcia: verification workshops

[help@climateretry.org](mailto:help@climateretry.org)





# Membership Update

- 331 Members
  - Newest members:
    - City of Thousand Oaks
    - WRA Group
    - Mammoth Mountain Ski Area
- 511,549,225 tons verified to date
  - CA annual inventory ~ 500 mmtCO<sub>2</sub>e

# What Your Inventory Tells You



- What is your footprint?
  - Where are your inefficiencies?
  - What are your potential liabilities?
  - How do you compare to other organizations in your sector?
- 
- Unique data set: consistent, comparable, accurate, transparent data

# Program Milestones



## April

- CARROT updates
- Analysis of verified data
- Survey
- Debrief on 2006 certification
- Batch Verification (April 25)

## May

- Annual Conference (May 15-16)
- Climate Action Champion Awards

## June

- Prepare for Verification Workshops:
  - June 3 in Los Angeles
  - June 6 in Sacramento
- Reporting Deadline (June 30)

## Fall

- Members Meeting
- Verification Deadline (October 31)

# May 15-16 2008

## Join us at the California Registry's 6<sup>th</sup> Annual Conference!!



### Four streams:

1. California and the West
  - Implementing AB 32
  - Low Carbon Fuel Standard
  - Western Climate Initiative
2. Carbon Markets and Finance
  - Voluntary Carbon Markets
  - Linking Regional Markets
  - Business Opps from GHG Projects

Speakers include internationally recognized experts and visionaries in the climate change field!

3. National and International Policies
  - US Carbon Policy
  - The Climate Registry
  - Global Approaches - International Update
4. Emerging Technologies and Reduction Opportunities
  - Energy Efficiency - Cost Effective Means of Reducing Demand
  - New and Emerging Climate Change Technologies
  - Forest Projects

■ and much much more...

### Special for Members:

- Opening cocktail party
- Protocol Update
- Discounted registration





# New Member Services

- Reporting Roundtables (virtual)
  - Indirects, mobile sources, Refrigerants
- Talk to President Gary (quarterly)
- Climate Policy Conference Calls
  - ICAP, WCI, Lieberman-Warner and more
- Improving your Inventory
  - Training resources, tips
- Fall Members Meeting?
  - Want to volunteer for the planning committee?  
Email [help@climateresistry.org](mailto:help@climateresistry.org)



# Innovations

Nancy Whalen  
Director of Marketing  
[nancy@climateresistry.org](mailto:nancy@climateresistry.org)

# Cool Planet Project & ClimatEEfficient Program



**The Registry and utility companies bring their customers and members added benefits when participating in Energy Efficiency programs and Registry Membership.**

**Reducing energy usage reduces greenhouse gas (GHG) emissions**

**Publicity and marketing assistance to communicate companies environmental leadership to the public.**

# Cool Planet Project & ClimatEEfficient Program (2)



- **Initiate & install project/s that potentially save 1-3 million kWh annually & Edison reimburses**
  - Up to 50% of the cost of the project(s)**
  - 100% of Registry first year membership**
  - Up to 50% of first year GHG verification fee**
- **Initiate & install project/s that potentially save over 3 million kWh annually & Edison reimburses**
  - Up to 100% of GHG verification fee**

**\* See your Edison representative for further eligibility details.**



# Feedback



- What is the highest value service the Registry can provide?
- How can the Registry improve your reporting experience?

# Thank You!



- for your Leadership
- for sharing your knowledge & experience

...North America is looking to you...



# California Climate Action Registry

523 W. 6th St., Suite 428

Los Angeles, CA 90014

213-891-1444

[info@climateretry.org](mailto:info@climateretry.org)

[www.theclimateretry.org](http://www.theclimateretry.org)