

Climate Change Program



www.arb.ca.gov/climatechange



Inside this issue:

<i>ARB Releases Preliminary Cap-and-Trade Regulation</i>	2
<i>Governors Climate Change Summit 2</i>	2
<i>California Climate Champions Attend Summit</i>	2
<i>Advisory Panel Releases Recommendations on Approaches to Carbon Regulation</i>	3
<i>Kickoff 2010 by Estimating Your Carbon Footprint</i>	3
<i>High Compliance for Greenhouse Gas Reporting</i>	3
<i>Introducing the ARB Ombudsman</i>	4
<i>Rule Clamps Down on Leaks of Potent Greenhouse Gases from Large Refrigeration</i>	4

CoolCalifornia Awards Recognize Small Businesses

The California Air Resources Board (ARB) announced the winners of the state's first program to recognize small businesses that have demonstrated exceptional success in saving money while cutting their greenhouse gas emissions.

ARB announced five winners of the Small Business of the Year award and three winners of the Small Organization of the Year award at a public ceremony on December 2, 2009. Overall, ARB recognized twenty-seven small businesses for their efforts. "California's three million small businesses are not only the backbone of California's economy, they are a crucial part of the state's efforts to fight climate change," said ARB Chairman Mary Nichols. "We are proud to partner with them to work together for a healthier environment and help improve their bottom line."

Winners of the small business award show how

every small business can use common-sense solutions that reduce waste, use less energy and save money. For example, small business award



winner Spencer Brown (Rent A Green Box, Costa Mesa) makes 13 products from trash. "Basically we're changing the way America packs and moves and demonstrating to others that there are ways to operate a business that are cheaper, faster and better for the environment," said Brown. Similarly, award winner Tom Bowman (Bowman Design Group, Signal Hill), said "our experience shows how shockingly easy emissions cutting can be. The actions pay for themselves, many times over. In fact, the big secret in the climate change debate is the inefficiency that we take for granted and pay for every day." **See Small Business Awards, page 4**

ARB Chairman Mary Nichols Attends COP15 Climate Change Conference in Copenhagen

Air Resources Board Chairman Mary Nichols worked extensively with other "sub-national" leaders to advance local actions at the recent international climate summit in Copenhagen. Absent a global treaty, Nichols urged states, provinces and individual countries to push ahead with their own regulations and clean-energy solutions to control the greenhouse gas emissions that are warming the Earth's atmosphere.

The COP15 United Nations Climate Change Conference drew leaders from more than 100 nations and about 15,000 participants, including representatives of environmental and business groups and clean energy investors.

In panel discussions, Nichols updated officials across the world on the Air Resources Board's recently adopted measures to control greenhouse gas emissions as Governor Arnold Schwarzenegger and Cal/EPA Secretary Linda Adams announced agreements with other countries to advance green economies and green chemistry.



The Copenhagen conference was the latest in a series of international forums where the Governor's administration has forged and strengthened partnerships in California's fight to control greenhouse gas emissions.

"We're in a world of hurt economically, but we'll be hurting all the more if we allow the pressures of the moment to forestall actions that we know will spare lives and protect resources for future generations," said Chairman Mary Nichols.

“ARB continues to work with other states in the U.S. and abroad, and invite others to join us,” said Chairman Nichols.

ARB Releases Preliminary Cap-and-Trade Regulation

On November 24, 2009, ARB released a preliminary draft version of California's greenhouse gas cap-and-trade regulation, which marks the beginning of the next phase of the cap-and-trade rulemaking. This regulation, scheduled for Board consideration in late 2010, will establish the first broad based cap-and-trade program in the nation. The cap-and-trade rule is expected to be in effect by January 1, 2012.

“By releasing the first draft of a cap-and-trade system that California will put into effect in 2012, we are demonstrating the state's determination to push ahead,” said Chairman Nichols.

The preliminary draft regulation combines in one place the results of a year-long public process involving 21 workshops on issues related to California cap-and-trade program design, and builds on more than two years of collaboration with the partners of the Western Climate Initiative. As a preliminary draft version it contains both draft regulatory language on process and structure along with narrative sections that address significant issues. ARB will continue to hold workshops and collect stakeholder input during 2010, with the next draft due out in April.

For more information, visit:

www.arb.ca.gov/cc/capandtrade/capandtrade.htm



“We have deepened our partnerships and renewed our commitment to work collaboratively to reduce greenhouse gas emissions and create a cleaner planet and stronger economy for the next generation,” said Governor Schwarzenegger.

Governors Climate Change Summit 2

United Nations Officials and 30 global leaders joined Governor Arnold Schwarzenegger at the Global Climate Summit 2 on October 2, 2009, in Los Angeles. At the closing ceremony they signed a declaration committing to work together to pursue clean transportation, support national climate change legislation, include forests in climate policy development, acknowledge the need for climate adaptation efforts, and recognize the role of sub-national

governments in the discussions at the recent global climate negotiations that were held in Copenhagen (COP15) two months later (see story, page 1).

“Addressing the problems caused by climate change is the greatest environmental challenge of our time and at this summit we heard leaders and experts from around the globe discuss the innovative steps and strategies being championed in the fight against global warming,” said Governor Schwarzenegger.

California Climate Champions Attend Summit

The California Climate Champions participated in the Governors' Global Climate Summit 2 in Los Angeles on September 30-October 2, 2009. The Climate Champions are a group of teenage “climate ambassadors,” who work to solve climate change by raising awareness of the issue and taking local action. They are selected through a collaborative climate change outreach program between ARB and the British Council. Ten of the 25 champions from 2008 and 2009 attended the Summit, accompanied by staff from ARB and the British Council who jointly manage the program. The Champions presented a vision of their hopes

for the future during the opening ceremony, and at a panel on youth leadership. Champions selected as panelists discussed youth leadership on the climate change issue, and acted as “roving reporters,” interviewing other Summit participants, including Los Angeles Mayor Antonio Villaraigosa, former UK Prime Minister Tony Blair, and chimpanzee expert Jane Goodall, among others.



**CALIFORNIA
CLIMATE
CHAMPIONS**



The Climate Champions shared their experiences from the Summit at: <http://climatechamps.org> and posted updates to their Facebook page and Twitter feed.



Advisory Panel Releases Recommendations on Approaches to Carbon Regulation

The Economic and Allocation Advisory Committee (EAAC) adopted their recommendations on a range of economic issues related to the design of California's cap-and-trade system to reduce greenhouse gases. These recommendations will help inform the development of a cap-and-trade program (see related story on page 2).

EAAC recommends giving consumers a large majority of the allowance value. This is a departure from most federal proposals, as well as the existing Emissions Trading System employed by the European Union.

The EAAC recommends a consumer approach to carbon regulation by suggesting that the majority of allowance value derived from California's cap-and-trade program be returned back to the consumer.

Committee chair Professor Larry Goulder will present the EAAC's recommendations to the Board at its March meeting. ARB staff is reviewing the recommendations as it prepares the next draft cap-and-trade regulation, due out in April 2010.

For more information, visit:
www.arb.ca.gov/newsrel/nr011110.pdf

"The issue of allocation strategy is one of the most important elements of a cap-and-trade program. I am encouraged that this diverse group of experts, with a broad range of perspectives, reached consensus." said Professor Larry Goulder, EAAC Chair.

Kickoff 2010 by Estimating Your Household or Small Business Carbon Footprint

Why? Help make the planet a healthier place for you and your neighbors and stop wasting money. **How?** Use CoolCalifornia.org's newly released household, or small business carbon footprint calculators. These calculators, developed by researchers at UC Berkeley, estimate your specific carbon footprint based on your household and business characteristics as well as transportation and shopping habits. Each calculator includes a take action page with customized information about dollars saved as well as

carbon emissions averted each year.

The calculator is part of CoolCalifornia.org, an online one-stop-shop that is packed with free, quick, easy-to-use and reliable tools that all Californians can use to save money and reduce their impact on climate change and the environment.

Household Calculator:

<http://www.coolcalifornia.org/calculator>

Small Business Calculator:

<http://www.coolcalifornia.org/business-calculator>



High Compliance for Greenhouse Gas Reporting

More than 97 percent of the state's 600 largest greenhouse gas emitting facilities have complied with ARB's mandatory greenhouse gas emission reporting for 2009. California is also the first state in the country to accredit third-party professionals to verify reported greenhouse gas emissions.

"We now have an accounting of greenhouse gas emissions from the state's largest facilities, and we also have well-trained professionals to verify those reported

emissions," said ARB Chairman Nichols. "Our reporting and verification program will ensure that reductions in greenhouse gas emissions from the state's largest facilities are accurate and credible."

All sources that emit at least 25,000 metric tons of carbon dioxide per year, including cement plants, oil refineries, hydrogen plants, and electricity retail providers. In addition, some electricity generating and cogeneration plants with lower emissions are required to report.



To download reported greenhouse gas emissions data, visit:

www.arb.ca.gov/climatechange





Chairman Mary Nichols and Brian Durkee, a Small Business of the Year Award Winner

More information on the awards program and the winners can be found at: www.coolcalifornia.org



La Ronda Bowen, ARB Ombudsman

To contact or learn more about the Ombudsman, see:

www.arb.ca.gov/ba/omb/omb.htm

"The rule creates a level playing field by requiring that all businesses use best management practices to monitor and repair refrigerant leaks," said Chairman Nichols.

Small Business Awards (continued from page 1)

The CoolCalifornia Small Business awards program was established to recognize small California businesses (with less than 100 employees) and organizations that demonstrated leadership and made notable, voluntary achievements towards reducing their climate impact.

This year's award recipients come from 23 California cities. Winners were selected by judges from the state administration and small business community from a competitive pool of over 100 applicants. Applicants took a variety of actions to save money while reducing greenhouse gas emissions including installing compact fluorescent lights or solar panels; supporting car pooling; reducing

waste and water consumption; telecommuting and moving office locations to reduce transportation emissions; developing business-specific climate action plans; and, incentivizing climate-friendly behavior with employee award programs. The award program was created to help small businesses participate in the implementation of AB 32. The application period for the 2010 awards will open in August. As small business award winner Thomas Ackerman (Spirit Graphics, Chula Vista) said, "I look at my son who is 5. What am I going to tell him about what I did for the environment? I'm not just making the changes for my kid, but for your kid too. We all have to help."

Introducing the Air Resources Board Ombudsman

Did you know that ARB has someone on staff that is responsible for making sure you have a say in how California's air policies are developed? Are you a small business with questions about climate change policies and the potential impact to your operation? Then contact the Ombudsman at ombudsman@arb.ca.gov

The Air Resources Board recently welcomed La Ronda Bowen as Ombudsman. The Ombudsman's Office is the first stop for business owners and other California residents who have questions about or want

to participate in ARB programs. Additionally, the Ombudsman serves as a friendly advisor to individuals with unresolved complaints, facilitates interaction among stakeholders and staff, and constantly seeks effective ways to ensure that all voices are heard in the development of air policies. The Ombudsman reports directly to the ARB Chairman.

Ms. Bowen has more than 20 years of experience facilitating effective communication between public agencies, private citizens, and business and community interests.

California Rule Clamps Down on Leaks of Potent Greenhouse Gases from Large Refrigeration Systems

On December 9, 2009, the California Air Resources Board approved the nation's first comprehensive regulation to reduce potent greenhouse gases from industrial and large commercial refrigeration systems.

The regulation applies primarily to supermarkets, food and beverage processors, cold storage warehouses, and industrial cooling processes. It does not apply to most

bars, restaurants, and office buildings.

Development of the regulation took almost two years and included five technical workgroup meetings, seven public workshops, technician and service contractor surveys, and site visits. ARB staff also worked with facility owners, refrigerant manufacturers and several trade associations to develop the regulation.

For more information, visit:

www.arb.ca.gov/cc/reftrack/refrigerant_management_program_faq.pdf



Status of Assembly Bill 32 Implementation

ARB has approved 12 of the 30 regulations identified in the AB 32 Scoping Plan, including all nine discrete early actions.

Together, the measures that have already been approved will reduce California's GHG emissions by about 70 million metric tons in 2020, over 40 percent of the way toward our goal of reducing emissions back to 1990 levels.

www.arb.ca.gov/cc/scopingplan/sp_measures_implementation_timeline.pdf

California Air Resources Board

Office of Communications
1001 I Street
Sacramento CA 95814



For questions on the information contained in this newsletter, contact: pio@arb.ca.gov

CLIMATE CHANGE PROGRAM

The California Air Resources Board is tasked with implementing California's Climate Change Scoping Plan. The plan is a central requirement of Assembly Bill 32, the Global Warming Solutions Act, requiring California to reduce greenhouse gas emissions to 1990 levels by 2020.

www.arb.ca.gov/climatechange

Stay Informed!

Sign up with any climate change email list to receive informational announcements and public notices at:



www.arb.ca.gov/listserv/listserv_grp.php?listtype=C0

ARB Restates Commitment to National Vehicle Standard

"ARB is fully committed to the agreement to establish a national vehicle greenhouse gas standard announced last May by President Obama in the Rose Garden," said Chairman Mary Nichols. "There are still difficult technical issues to be resolved, as is to be expected in developing any pioneering rule, but we are confident that they will be worked out successfully. We look forward to working with both the EPA and the Department of Transportation in a spirit of cooperation to ensure the complete success of the Rose Garden agreement."

ARB Clarifies Requirement of Tire Inflation Rule

On January 14, 2010, ARB released a notice seeking additional comment on the proposed tire inflation regulation.

When final, the regulation, which provides better fuel economy, reduced carbon emissions and increased safety, provides vehicle owners having their vehicles serviced the option to either agree to have their tires inflated at

the facility or to do it later on their own.

ARB will work with the Bureau of Automotive Repair (BAR) to provide outreach on the implementation of this program, which ARB approved in March 2009. The 40,000 service providers subject to the regulation include smog check stations, engine repair facilities and oil

service providers. Those not included are car wash, body and paint, and glass repair businesses.



For more information:

www.arb.ca.gov/newsrel/2010/nr011410.htm

DriveClean.
ca.gov

Use the www.DriveClean.ca.gov buying guide to find the cleanest, most efficient cars on the market.



Watch real time webcasts of Air Resources Board - public meetings at:

www.calepa.ca.gov/broadcast/



If you would like to get future issues of this newsletter, please subscribe to our climate change email list at: www.arb.ca.gov/cc/newsletter/newsletter.htm

