



U.S. Environmental Protection Agency

Welcome & Climate Leaders Progress Report

March 22, 2007





Tonight – National Geographic

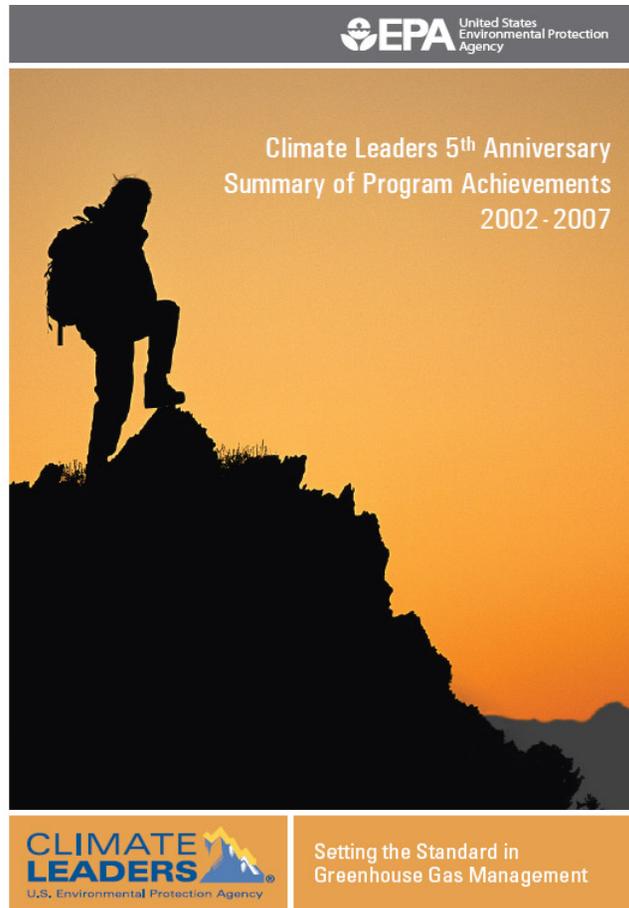
- ◆ Location: 1145 17th Street, NW
- ◆ 5:30pm – 7pm: Reception–Explorers Hall
- ◆ 7:00pm – 10pm: Recognition Dinner



Goal Achievers

- ◆ **Baxter International** reduced U.S. GHG emissions by 16 percent per unit of production value from 2000 to 2005.
- ◆ **General Motors Corporation** reduced total North American GHG emissions by 23 percent from 2000 to 2005.
- ◆ **IBM Corporation** reduced total global energy-related GHG emissions by an average of 6 percent per year and PFC emissions by 58 percent from 2000 to 2005.
- ◆ **National Renewable Energy Laboratory** reduced U.S. GHG emissions by 10 percent per square foot from 2000 to 2005.
- ◆ **SC Johnson** reduced total U.S. GHG emissions by 17 percent from 2000 to 2005.

5th Year Anniversary Brochure



Climate Leaders Partners have contributed to the advancement of corporate climate change management practices through the development of rigorous accounting standards, management plan tools, and innovative reduction opportunities.

Inventory Management Plan



www.epa.gov/climateleaders

GHG Inventory Management Plan Checklist

The Inventory Management Plan (IMP) checklist describes the components of a process needed to create a high-quality corporate inventory. As part of the Climate Leaders reporting requirements, Partners describe for EPA, in a format of their choice, their company-specific approach for each IMP component listed below. Partners may either have a single formal IMP that addresses all of these components, or Partners may have a collection of Standard Operating Procedures (SOPs) and other relevant information that address all these components when taken in total. EPA recognizes that the development of the IMP is an ongoing process. The components listed as “can be completed over time” in the checklist do not have to be in place in the year that the Partner joins the program. However, they should be complete by the Partner’s goal year.

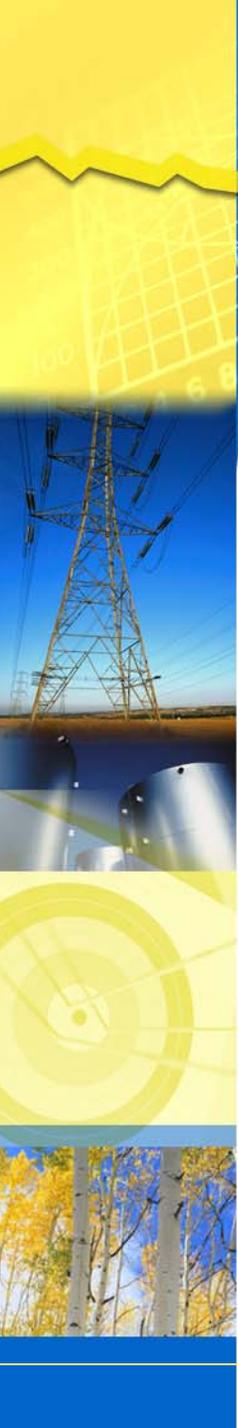
IMP Component	Detail Required	Issues to Consider
Partner Information		
1. Company Name	Legal name of entity	
2. Corporate Address	Physical and mailing address	
3. Inventory Contact	Contact name and title	
4. Inventory Contact Information	Contact information (telephone/fax/email)	
Boundary Conditions		
<i>Organizational</i>		
5. Inclusion of Partially Owned or Controlled Assets	<p>The basis for reporting emissions data from partially owned or controlled assets:</p> <ul style="list-style-type: none"> Equity Approach Control Approach: <ul style="list-style-type: none"> -Financial control criterion -Operational control criterion 	<p>Is the approach consistent with the Climate Leaders Design Principles? If applicable, how is operational control defined? How is equity defined (e.g., based on financial ownership or value derived from company)?</p> <p>Are leases adequately addressed?</p>
6. Facilities List	<p>A list of all facilities with location, % ownership, or % control.</p> <p>Define if inventory is U.S. only or includes optional non-U.S. operations.</p>	<p>Is the list complete and does it include all facilities (including leases if applicable)? Are fleet vehicles also included if not assigned to a facility?</p> <p>How does the list compare to other public sources listing company holdings? Is there a method for determining the accuracy of the list and a process for ongoing review?</p>
<i>Operational</i>		
7. GHG List	A list of GHGs included in inventory.	<p>Are all of the six major GHGs (CO₂, CH₄, N₂O, HFCs, PFCs, and SF₆) included? Is there documentation for gases not on the list to ensure there is no oversight? Are small sources of a GHG overlooked? Has Partner at least made an estimate of the emissions from small sources and included those estimates in their inventory?</p>
8. Emission Source Identification Procedure	A description of the procedure / method used to identify direct and indirect emission sources.	<p>How does the GHG list compare to the list of emission sources specified in #9 and #10? Is the procedure likely to identify all sources? Has the procedure captured all stationary, mobile, indirect, process, and fugitive sources, including small sources?</p> <p>Does the emissions source identification procedure include networking with all the appropriate people, whose roles and responsibilities are defined in #24?</p>

Individual Efforts



Cynthia





New Faces

- ◆ **Climate Leaders Team**
 - Jim Sullivan
 - Bella Tonkonogy – goal setting/reporting
 - Deb Berlin – marketing/communications
 - Manuel Oliva – reporting/protocols
 - Pinal Patel (intern) – carbon copy
- ◆ **Energy Supply & Industry Branch**
 - Leslie Cordes – branch chief

Achievements to Date

- ◆ Partnership grows to 113 Partners
 - More than half are Fortune 500
- ◆ 85 Partners have submitted inventory data
- ◆ 67 Partners announced GHG reduction goals (+6 have announced second goal)
- ◆ 54 on-site reviews have taken place
- ◆ 8 Partners achieved GHG reduction goals

Agenda – Today

- ◆ Progress Reports from Partners
 - Staples
 - Bank of America
 - SC Johnson
 - St. Lawrence Cement
- ◆ Green Power and Corporate Accounting
- ◆ Innovative Technologies
- ◆ Supply Chain and Customer Engagement
- ◆ Breakouts
 - Supply Chain and Customer Engagement
 - Commercial Building EE Tools and Technologies
 - Benchmarking Industrial Facilities

Agenda – Tomorrow

- ◆ Climate Leaders Partnership at 5 Years
 - Kathleen Hogan, Division Director
- ◆ Science of Climate Change in 2007
- ◆ New Developments in Energy/Climate Policy
- ◆ State Climate Change Initiatives
- ◆ Corporate Carbon Disclosure
- ◆ Feedback and Brainstorming on Climate Leaders Program
- ◆ Lunch & Break for Day

Congratulations to Partners Who Have Completed Base Year Reporting

- ◆ 3M
- ◆ Alcoa
- ◆ American Electric Power
- ◆ Ball Corporation
- ◆ Baltimore Aircoil Company
- ◆ Bank of America
- ◆ Baxter International Inc.
- ◆ Boise Cascade
- ◆ Calpine
- ◆ Caterpillar
- ◆ Conservation Services Group
- ◆ Eastman Kodak Company
- ◆ EMC Corporation
- ◆ Entergy
- ◆ Fairchild Semiconductor
- ◆ FPL Group
- ◆ Frito-Lay
- ◆ General Motors Corporation
- ◆ Green Mountain Energy Company
- ◆ Hasbro, Inc.
- ◆ Haworth, Inc.
- ◆ IBM Corporation
- ◆ Johnson and Johnson
- ◆ Lockheed Martin
- ◆ Mack Trucks, Inc.
- ◆ Melaver, Inc
- ◆ Miller Brewing Company
- ◆ National Renewable Energy Laboratory
- ◆ Quad/Graphics
- ◆ PSEG
- ◆ Roche Group U.S. Affiliates
- ◆ SC Johnson
- ◆ Shaklee
- ◆ Sonoma Wine Company
- ◆ St. Lawrence Cement
- ◆ Staples, Inc.
- ◆ Sun Microsystems
- ◆ Tenneco Automotive
- ◆ The Collins Companies
- ◆ United Technologies Corporation
- ◆ Volvo Trucks North America
- ◆ Xerox Corporation

Protocol Development

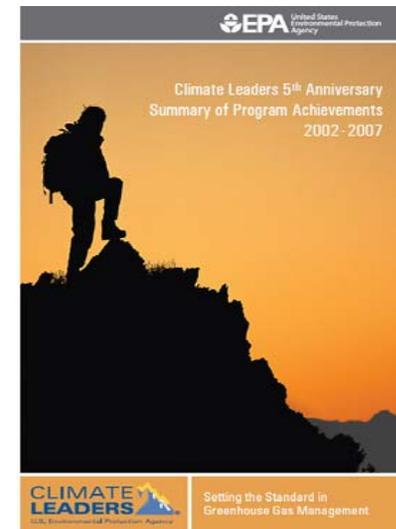
- ◆ Released draft sector-specific guidance
 - Cement
 - Pulp and paper mills
 - Aluminum
- ◆ Released draft offsets guidance
 - Landfill gas
 - Manure management
 - Commercial
 - Industrial boilers
 - Transportation
- ◆ Your feedback is encouraged!!

Reporting Tools Under Development

- ◆ Standardized Inventory Calculation Tool
- ◆ Small Sources Estimation Tool
- ◆ Afforestation Offsets Tool (& Guidance)

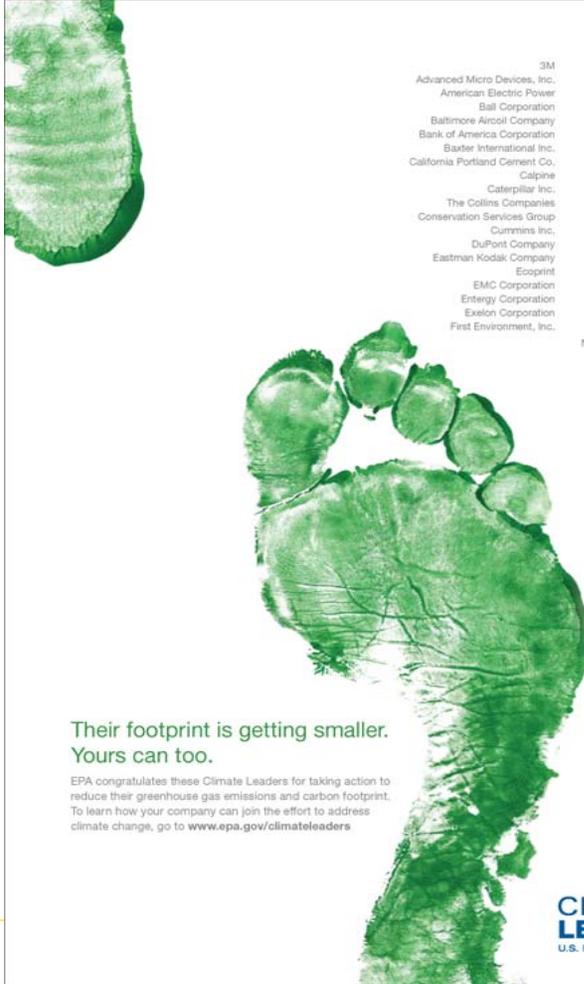
Marketing and Outreach Resources

- ◆ New PSA campaign
- ◆ 5th Anniversary Brochure
- ◆ Spring 2007 Issue of Carbon Copy
 - Features 4 Partner case studies
 - ✧ EMC, Raytheon, Tower, Sonoma
 - Profile of Mark Buckley, Staples
- ◆ Expanded Partner Profiles on Web Site
- ◆ Updated Program Guide Published
- ◆ Look for Web Site redesign by end of year
- ◆ National Geographic special advertising opportunity



New Public Service Announcement

Our new Public Service Announcement will be appearing in major magazines this spring



3M
Advanced Micro Devices, Inc.
American Electric Power
Ball Corporation
Baltimore Aircoil Company
Bank of America Corporation
Baxter International Inc.
California Portland Cement Co.
Calpine
Caterpillar Inc.
The Collins Companies
Conservation Services Group
Cummins Inc.
DuPont Company
Eastman Kodak Company
Ecoprint
EMC Corporation
Energy Corporation
Exelon Corporation
First Environment, Inc.

FPL Group, Inc.
Frito-Lay, Inc.
Gap Inc.
General Electric Company
General Motors Corporation
Green Mountain Energy Company
Hasbro, Inc.
Haworth, Inc.
Holcim (US) Inc.
HSBC - North America
IBM Corporation
Intel Corporation
Interface, Inc.
International Paper
Johnson & Johnson
Lockheed Martin Corporation
Mack Trucks, Inc.
Marriott International, Inc.
Melaver, Inc.
Miller Brewing Company
National Renewable Energy Laboratory
North Bay Construction
Oracle Corporation
Pfizer Inc.
PSEB
Raytheon Company
Roche Group U.S. Affiliates
SC Johnson
Shaklee Corporation
Sonoma Wine Company
St. Lawrence Cement
Staples, Inc.
Sterling Planet, Inc.
STMicroelectronics
Sun Microsystems, Inc.
United Technologies Corporation
Volvo Trucks North America, Inc.
Xerox Corporation

**Their footprint is getting smaller.
Yours can too.**

EPA congratulates these Climate Leaders for taking action to reduce their greenhouse gas emissions and carbon footprint. To learn how your company can join the effort to address climate change, go to www.epa.gov/climateleaders

CLIMATE LEADERS
U.S. Environmental Protection Agency

Thank You!!

- ◆ Commitment to reducing GHG emissions
- ◆ Providing valuable feedback on the program
- ◆ Sharing your company's experiences
- ◆ Providing a learning ground to build a common understanding of credible GHG reporting
- ◆ Helping communicate the value of GHG management