



U.S. Environmental Protection Agency

# *The Climate Leaders Partnership at Five Years*

March 23, 2007

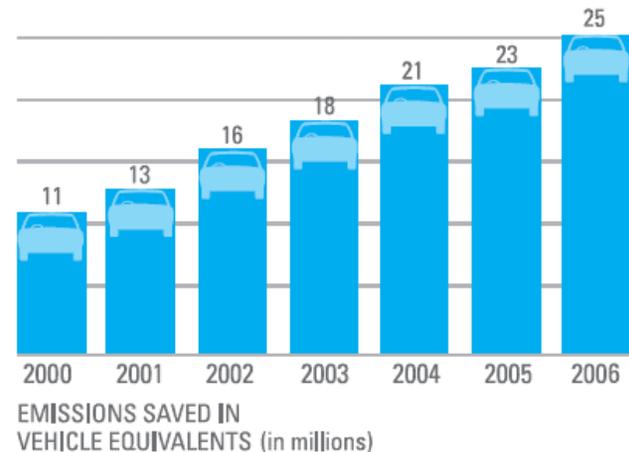
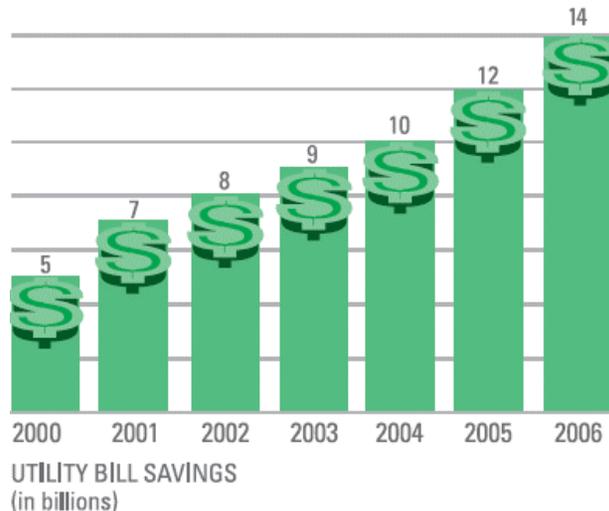


# EPA Climate Protection Partnerships Division



# ENERGY STAR Accomplishments - 2006

- ◆ Americans saved \$14 billion on energy bills while preventing the equivalent annual emissions of 25 million vehicles in 2006
- ◆ Saved almost 5% of US electricity demand
- ◆ Engaged 9,000 organizations in manufacturing, delivery, adoption of energy efficiency
- ◆ Helped consumers purchase more than 2 billion qualified products from 1,700 manufacturers across 50 product categories



# The Company We Keep- Climate Leaders Launch



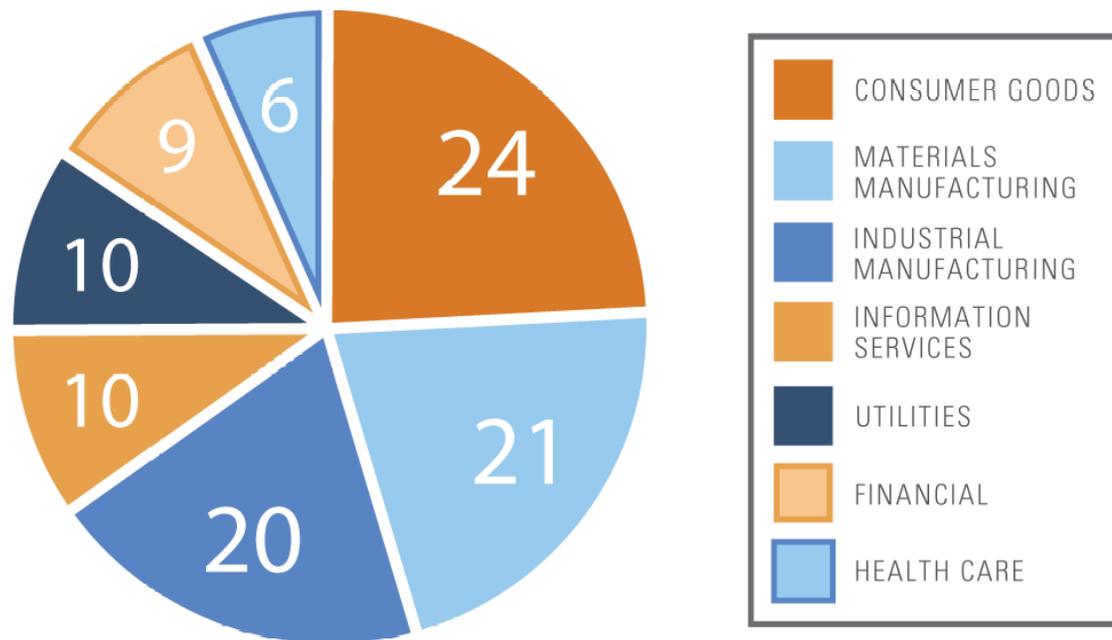
# The Company We Keep- 2002



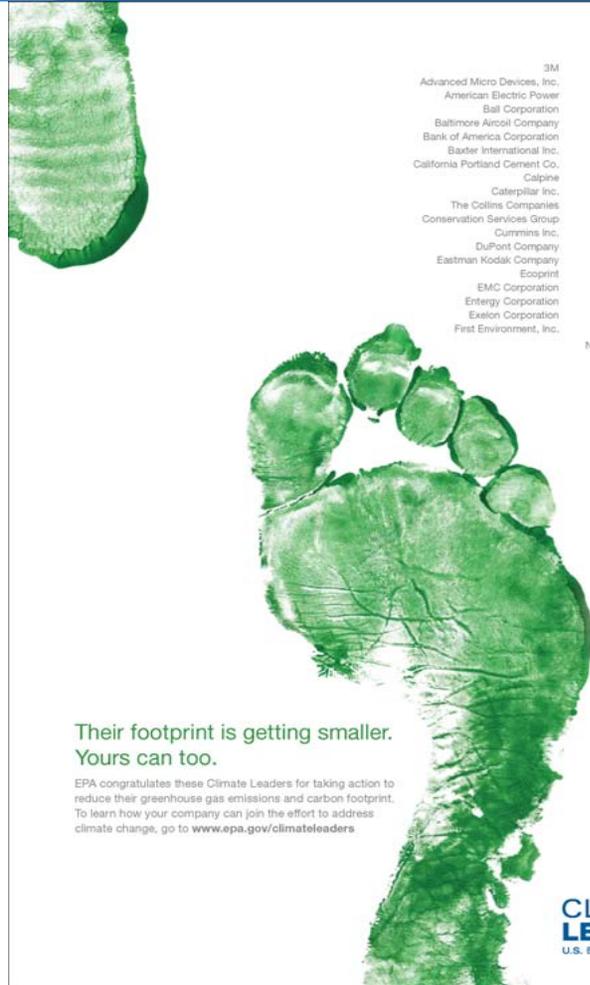
# The Company We Keep



# Climate Leaders Partners represent a broad range of industry sectors



# 67 Partners have publicly announced aggressive goals to reduce their footprint...



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.

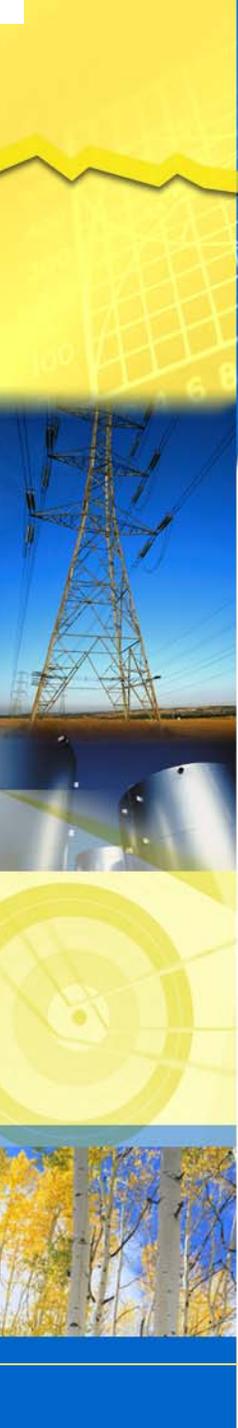
FPL Group, Inc.  
Frito-Lay, Inc.  
Gap Inc.  
General Electric Company  
General Motors Corporation  
Green Mountain Energy Company  
Hasbro, Inc.  
Haworth, Inc.  
Holcim (US) Inc.  
HSBC - North America  
IBM Corporation  
Intel Corporation  
Interface, Inc.  
International Paper  
Johnson & Johnson  
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.  
PSEG  
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](http://www.epa.gov/climateleaders)

**CLIMATE LEADERS**  
U.S. Environmental Protection Agency





...and 8 have already achieved them!

- ◆ **American Electric Power** reduced its total U.S. GHG emissions by 4 percent from 2001 to 2006.
- ◆ **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.
- ◆ **St. Lawrence Cement** reduced global GHG emissions by 16 percent per ton of cementitious product from 2000 to 2006.
- ◆ **United Technologies Corporation** reduced global GHG emissions by 46 percent per dollar revenue from 2001 to 2006.

# Setting the Standard for GHG Management



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
<b>Partner Information</b>		
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)	
<b>Boundary Conditions</b>		
5. Inclusion of Partially Owned or Controlled Assets	The basis for reporting emissions data from partially owned or controlled assets: <ul style="list-style-type: none"> <li>Equity Approach</li> <li>Control Approach:                             <ul style="list-style-type: none"> <li>Financial control criterion</li> <li>Operational control criterion</li> </ul> </li> </ul>	Is the approach consistent with its operational control defined? or value derived from company?  Are leases adequately address
6. Facilities List	A list of all facilities with location, % ownership, or % control. Define if inventory is U.S. only or includes optional non-U.S. operations.	Is the list complete and does it fleet vehicles also included if not?  How does the list compare to method for determining the acco
<b>Operational</b>		
7. GHG List	A list of GHGs included in inventory.	Are all of the six major GHGs (documentation for gases not or of a GHG overlooked? Has Pa sources and included those est
8. Emission Source Identification Procedure	A description of the procedure / method used to identify direct and indirect emission sources.	How does the GHG list compar is the procedure likely to identify mobile, indirect, process, and fa  Does the emissions source ide appropriate people, whose role

## ANNUAL GHG INVENTORY SUMMARY AND GOAL TRACKING FORM

Required  Optional  Calculated

Partner Name: \_\_\_\_\_ Reporting Year: \_\_\_\_\_

Inventory Contact Person: \_\_\_\_\_ Title: \_\_\_\_\_

Department/Division: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Telephone Number: \_\_\_\_\_ Fax Number: \_\_\_\_\_

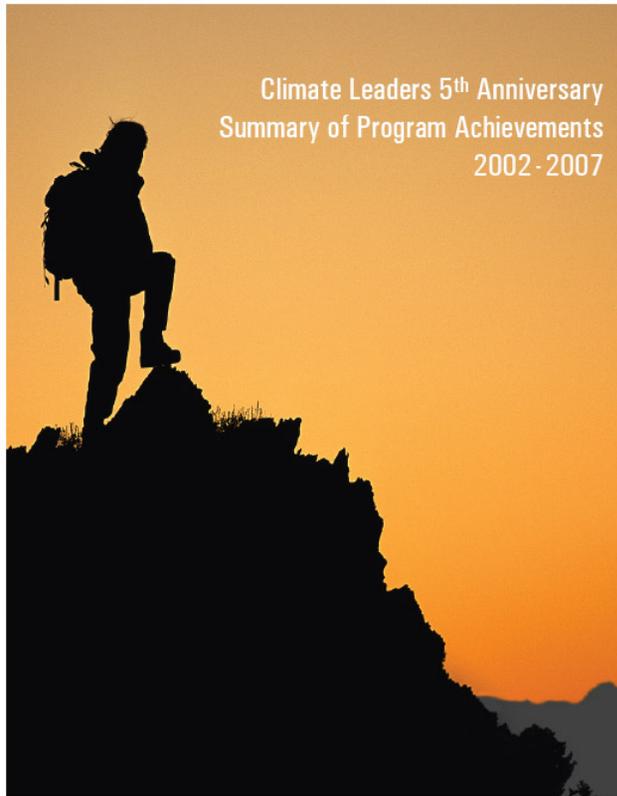
Email Address: \_\_\_\_\_

Corporate Inventory - U.S.	Base Year	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11
<b>EMISSIONS - Annual CO<sub>2</sub>e (metric tons)</b>											
<b>Direct Emissions</b>											
Stationary Combustion Sources											
Mobile Combustion Sources											
Refrigeration / AC Equip. Use											
Process / Fugitive (specify source)											
<b>Total Direct Emissions</b>	0	0	0	0	0	0	0	0	0	0	0
<b>Indirect Emissions</b>											
Purchased and Used Electricity											
Purchased and Used Steam											
Purchased and Used Hot Water											
Purchased and Used Chilled Water											
<b>Total Indirect Emissions</b>	0	0	0	0	0	0	0	0	0	0	0
<b>Optional Emissions (specify source)</b>											
<b>Total Optional Emissions</b>	0	0	0	0	0	0	0	0	0	0	0
<b>Direct + Indirect + Optional Emissions</b>	<b>Total U.S. Emissions</b>	0	0	0	0	0	0	0	0	0	0
<b>REQUIRED SUPPLEMENTAL INFORMATION</b>											
Biomass CO <sub>2</sub> Emissions (metric ton/yr)											
<b>Total Stationary - Biomass CO<sub>2</sub></b>											
<b>Total Mobile - Biomass CO<sub>2</sub></b>											
<b>OPTIONAL CFC/HFC SUPPLEMENTAL INFORMATION (metric ton/yr)</b>											
<b>OPTIONAL ELECTRICITY/TEAM SALES INFORMATION (Non-Utilities with Normalized Targets)</b>											

# Celebrating 5 Years of Accomplishments



Climate Leaders 5<sup>th</sup> Anniversary  
Summary of Program Achievements  
2002 - 2007



Setting the Standard in  
Greenhouse Gas Management

