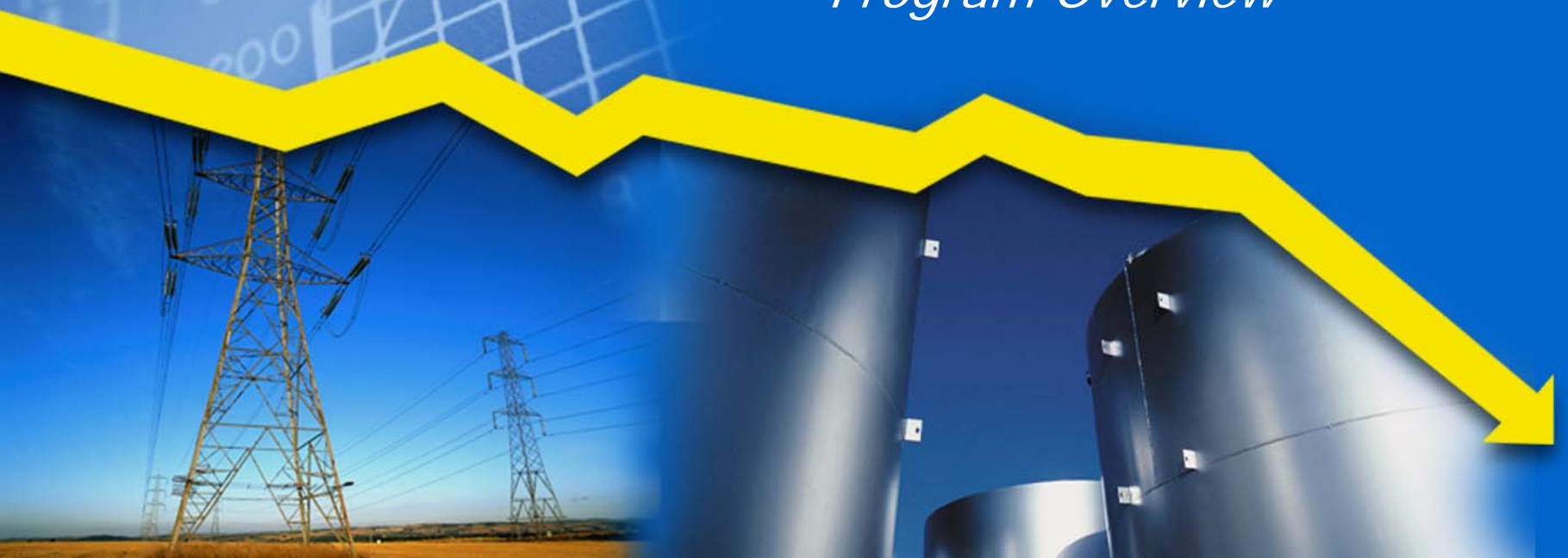




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# Technical Support from EPA's Climate Leaders Partnership

*Program Overview*



# Agenda

- ◆ CH2M HILL and EPA Climate Leaders
- ◆ Overview of Climate Leaders
- ◆ Technical Support provided by Climate Leaders



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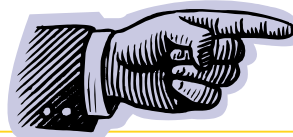
# Lending Private/Public Sector Experience to EPA's Climate Leaders Program

Industrial and Energy Companies,  
Institutions,  
Local, State and Federal Entities

- Strategic planning
- Inventory development
- Management systems
- Reduction identification, assessment, engineering
- Portfolio management



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LEADERS**  
U.S. Environmental Protection Agency

# What is Climate Leaders?

- ◆ Encourages comprehensive climate change strategies
- ◆ Recognizes GHG emissions reductions
- ◆ Provides inventory protocol to track corporate GHG emissions and reductions
- ◆ Key Component of The Administration's Climate Plan



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# EPA's Climate Change Umbrella Program



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# The Company We Keep



INTERFACE



LOCKHEED MARTIN



# Becoming a Climate Leaders Partner Is Simple

## *Partners agree to:*

- ◆ Complete an annual GHG Inventory
- ◆ Develop and document for EPA an inventory management plan
- ◆ Set a 5 - 10 year emissions reduction goal that's aggressive for your sector

The image shows a screenshot of the Climate Leaders Partnership Agreement form. The form is titled "CLIMATE LEADERS Partnership Agreement" and includes the U.S. Environmental Protection Agency logo. The text on the form describes the purpose of the agreement, which is to encourage companies to set and achieve aggressive, self-imposed greenhouse gas (GHG) emissions reduction goals. It outlines the requirements for partners, including the completion of an annual GHG inventory and the development of an inventory management plan. The form also includes sections for "About EPA members" and "About CLM", and a "Selected Company Check" section with fields for company name, address, and contact information. At the bottom, there is a "Sign and Submit" section with fields for name, title, company, and email, and a checkbox for "I agree to sign this agreement on behalf of my organization." The form is dated 2007.03.27.001.

# High-Level Public Recognition

- ◆ Press events
- ◆ Partner meetings
- ◆ Articles in local, national, and trade press

3M  
Advanced Micro Devices, Inc.  
American Electric Power  
Baxter International Inc.  
Cinergy Corp.  
Eastman Kodak Company  
FPL Group, Inc.  
General Motors Corporation  
Holcim (US) Inc.  
IBM Corporation  
Interface, Inc.

International Paper  
Johnson & Johnson  
Miller Brewing Company  
National Renewable Energy Laboratory  
Norm Thompson Outfitters, Inc.  
Pfizer, Inc.  
PSEG  
SC Johnson & Son, Inc.  
St. Lawrence Cement  
United Technologies Corporation

These corporate leaders have stepped up to the challenge of protecting the global climate. Are you next?

Congratulations to these Climate Leaders for setting aggressive targets to reduce greenhouse gas emissions. Climate Leaders is a voluntary EPA industry-government partnership that encourages companies to develop long-term climate change strategies. For more information on how your company can join the effort to make our planet a better place to live and work, sign on to our website: [www.epa.gov/climateleaders](http://www.epa.gov/climateleaders).

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U.S. Environmental Protection Agency

Newest PSA was placed in Entrepreneur, Money Magazine, BusinessWeek, and Time Magazine during March-April, 2004



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# Climate Leaders Advantages

- ◆ **Public Recognition**
- ◆ **Better manage GHG emissions and associated risks**
- ◆ **Become a well-informed player in policy discussions**
- ◆ **Integration with State, Regional, and international GHG accounting schemes**
- ◆ **Peer Exchange**
- ◆ **Technical inventorying assistance**





# Free Technical Assistance

## **Climate Leaders provides expert technical assistance to**

- Understand the Climate Leaders GHG Protocol
- Create a high-quality GHG Inventory
- Develop an Inventory Management Plan

*“The Climate Leaders program offers us an excellent opportunity to identify, track, and reduce GHG emissions with assistance from EPA and its technical consultants. This important partnership reflects our ongoing corporate commitment to a healthy environment.”*

*- Mike Bell, Vice President, Building Services, Target Corporation*



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# A Customized Inventory

## ◆ Required

- ✧ Corporate-wide (all U.S. operations)
- ✧ 6 major GHGs
- ✧ Direct emissions
- ✧ Indirect emissions from electricity, heat, and steam

## ◆ Optional

- ✧ International operations
- ✧ Offset projects
- ✧ Employee travel and commuting
- ✧ Product transport
- ✧ off-site waste disposal



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# Inventory Support

- ◆ Implementing Climate Leaders Protocols
- ◆ Identifying/evaluating:
  - ✧ Inventory scope
    - ✓ Business Activities
    - ✓ Emission sources
  - ✧ Quantification methods
    - ✓ Algorithms
    - ✓ Conversion factors
    - ✓ Monitoring
    - ✓ Data aggregation



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# Inventory Management Plan

- ✧ Ensures a quality product
- ✧ Institutionalizes a process



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# Inventory Management Plan

- ◆ Organizational Boundaries
- ◆ Operational Boundaries
- ◆ Emission Quantification
- ◆ Data Management
- ◆ Base Year Adjustment
- ◆ Management Tools
- ◆ Roles and Responsibilities
- ◆ Auditing and Continuous Improvement



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“Having a GHG management system insures a *sustainable* means of high quality GHG tracking and reporting.”

**-Franklyn A. Ericson**

Mgr. Environmental Operations &  
Central Services



SC Johnson



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