

June 2003



EPA's Climate Leaders Partnership

Overview of Reporting Options



Objective in Design of Reporting Requirements

**Minimize
reporting burden
& provide
flexibility**

**Maximize
credibility &
insure high quality
inventory data**

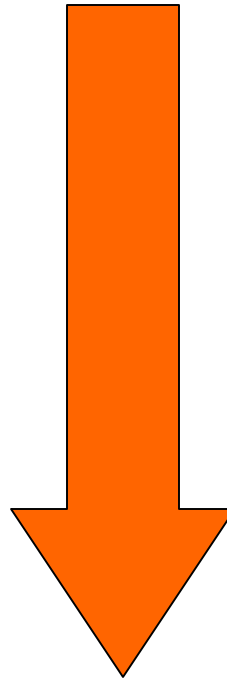


Climate Leaders Reporting Options

- ◆ **Option 1: Detailed data**
 - ▶ submit annual reporting form and facility level supporting data every year
- ◆ **Option 2: Inventory management plan**
 - ▶ submit annual reporting form every year
 - ▶ submit facility level supporting data in first and last year
 - ▶ contractor review of inventory management plan in first year
- ◆ **Option 3: Third party verification**
 - ▶ submit annual reporting form and audit report every year

Reporting Options Hierarchy

- ◆ Option 1
- ◆ Option 2
- ◆ Option 3



Increasing level of confidence in the quality of the inventory

Increasing value to the company



Option 1 Description

- ◆ Provide facility level supporting data
 - ▶ information on organizational and operational boundaries
 - ▶ listing of all facilities
 - ▶ raw data on emissions calculations by category of emissions (stationary, mobile, process, etc.)
- ◆ Complete annual reporting form

Example Facility Level Supporting Data

Company A: Stationary Combustion

	Natural Gas			Fuel Oil			Total
	Activity Data (MMBTU)	Emission Factor (kg CO ₂ / MMBTU)	Emissions (kg CO ₂)	Activity Data (MMBTU)	Emission Factor (kg CO ₂ / MMBTU)	Emissions (kg CO ₂)	Emissions (metric tons CO ₂)
Facility 1							
Facility 2							
Facility 3							
Facility 4							
Facility ...							
Total:							

- ◆ Plus data on sources of activity data and emission factors
- ◆ Note: information is by fuel type, not specific piece of equipment (e.g., data not needed per boiler)



Annual Reporting Form

- ◆ CO₂-Equivalent emissions for each facility by direct, indirect, and optional emissions categories (i.e. business travel)
- ◆ CO₂-Equivalent reductions from purchased offsets
- ◆ Tracking progress towards reduction goal
 - ▶ Total CO₂-Equivalent emissions minus any reductions
 - ▶ Normalization factor for rate-based targets
- ◆ Supplemental information (e.g., biomass CO₂, CFC emissions)



Option 2 Description

- ◆ Contractor reviews inventory management plan in base year for:
 - ▶ components of a high quality inventory (e.g., appropriate organizational and operational boundaries, roles and responsibilities of staff, etc.)
- ◆ Provide facility level supporting data in first and last year of goal
 - ▶ raw data on emissions calculations by category of emissions (stationary, mobile, process, etc.)
- ◆ Complete annual reporting form every year



Providing Facility Level Data to EPA Under Options 1 & 2

- ◆ Provides level of transparency that helps inventory stand up over time
- ◆ Provides level of confidence through ability to track major changes in inventory
 - ▶ Option 1 - no inventory management plan in place
 - ▶ Option 2 - no other data collected in interim years

Option 3 Description

- ◆ Partner obtains annual verification
- ◆ Partner provides verification opinion document and checklist
- ◆ Streamlined annual reporting form
 - ▶ corporate CO₂-Equivalent emissions by direct, indirect, and optional categories (no facility level data)



Confidentiality

- ◆ Options 1 & 2
 - ▶ partners can maintain facility level supporting data on site
 - ▶ report facility level emissions aggregated by total CO₂-Equivalent emissions and by total direct, indirect, and optional categories on annual reporting form submitted to EPA
- ◆ Option 3
 - ▶ partners do not submit any facility level data to EPA