



3M's Greenhouse Gas Inventory Development

In order to better understand 3M's greenhouse gas (GHG) emissions footprint and track progress towards the company's GHG emissions reduction goals, 3M has developed and maintains a worldwide GHG inventory. This inventory is developed and managed by 3M's ISO/IEC 17025 certified Environmental Laboratory in accordance with the World Resource Institute/World Business Council for Sustainable Development GHG Protocol.

3M's Environmental Laboratory documents all aspects of inventory data gathering according to laboratory's standard operating procedures (SOP) to ensure transparency. This data collection occurs annually using internally developed electronic systems. Each inventory is reviewed by an on-site third party Quality Assurance Unit for completeness, accuracy, and transparency and each inventory component is evaluated for uncertainty. In addition, 3M's 2002 and 2007 GHG inventories were successfully verified by an external third party.

3M's GHG inventory reflects the company's diversity and complexity. Data from over 200 facilities are gathered via an electronic survey and over 600 facilities are captured under 3M's inventory. The inventory includes Kyoto and non-Kyoto emissions sources categorized as WRI Scope 1 (direct) and Scope 2 (indirect) emissions.

The corporate-wide inventory includes emissions from the following sources:

- Direct emissions of CO₂ from stationary combustion of fossil fuels, waste and solvents.
- Indirect emissions of CO₂ from the use of electricity and steam.
- Direct emissions of CH₄ from wastewater treatment.
- Direct emissions of CO₂ from 3M-owned and leased mobile sources.
- Direct, process-related emissions of other greenhouse gases.