



Worldwide Environmental Facts

Environmental Policy

3M's Environmental Policy was adopted in 1975 and commits 3M to continue to:

- Solve its own environmental pollution and conservation problems.
- Prevent pollution at the source wherever and whenever possible.
- Develop products that will have a minimum effect on the environment.
- Conserve natural resources through the use of reclamation and other appropriate methods.
- Assure that its facilities and products meet and sustain the regulations of all federal, state and local government agencies.
- Assist, wherever possible, governmental agencies and other official organizations engaged in environmental activities.

EHS Management System

3M's Environmental, Health and Safety (EHS) Management System promotes sound environmental management at our facilities worldwide. It helps us address changing customer needs and expectations as we continue to drive sustainable growth. The EHS Management System:

- Includes an integrated, holistic system that anticipates and addresses long-term issues and drives continuous improvement.
- Promotes a strategic planning process that integrates EHS issues into business unit strategic plans.
- Requires each business unit to identify EHS issues, develop formal action plans, set goals and measure results.
- Requires a Life Cycle Management review of all new products and of existing products on a prioritized basis.

3M has 100 facilities in 30 countries certified to the voluntary international ISO 14001 Environmental Management System standard. The remaining facilities have or are developing environmental management systems.

Life Cycle Management

An integral part of the EHS Management System is Life Cycle Management (LCM). Instead of only focusing on the manufacturing process to control environmental, health, safety and energy effects, the spotlight is now on products throughout their entire life cycle, from manufacturing through customer use and disposal. 3M has adopted a Life Cycle Management Policy requiring all business units to conduct LCM reviews for all new products and to conduct LCM reviews on existing products on a prioritized basis. LCM reviews of all existing products must be completed by 2010.

The Pollution Prevention Pays (3P) program

The 3P program was established in 1975 and seeks to prevent pollution at the source – in products and manufacturing processes – rather than removing it after it has been created. From 1975 through 2006, more than 6,300 employee projects worldwide have prevented the generation of more than 2.6 billion pounds of pollutants and saved over \$1 billion.

Milestones

1961	3M Water and Sanitary Engineering Department formed
1969	3M prohibits landfilling solvents and develops a recycling program
1970	3M Environmental Engineering and Pollution Control Department formed
1973	Employee van pools are created
1975	3M Corporate Environmental Policy adopted
1975	3M Pollution Prevention Pays (3P) program launched
1980	3M bans Polychlorinated biphenyls (PCBs)
1981	Environmental Audit Program begins
1984	World Environment Center presents 3M with the First Annual Gold Medal for International Corporate Environmental Achievements
1987	3M Air Emission Reduction Program (AERP) established
1988	3M Ozone Depleting Chemical phase out policy is adopted
1989	3M Acquisitions and Divestitures Environmental Policy
1990	3M Asbestos Policy adopted
1990	Recycled paper Post-it® Notes are introduced
1991	Stratospheric Ozone Protection Award is received from the U.S. Environmental Protection Agency (EPA)
1991	Corporate Environmental Leadership Committee established

Managing Energy Use and Greenhouse Gas Emissions

3M's Energy Policy seeks continual improvements in energy efficiency at our operations worldwide. The company's energy efficiency efforts date back to 1973, when the Energy Management Department was formed. Employee programs help improve the energy efficiency of existing operations and of new and existing products. In addition, 3M works to ensure that new equipment and facilities are designed to be energy efficient. 3M has an aggressive greenhouse gas (GHG) management strategy which includes developing a 3rd-party certified GHG inventory, continuously improving GHG accounting systems, reducing the company's GHG footprint, setting voluntary GHG emissions reduction goals, and developing a range of products that help 3M's customers reduce their GHG emissions.

- 1990 - 2006, 3M reduced its worldwide, absolute GHG emissions by 54%.
- 2000 - 2006, 3M reduced worldwide energy use, indexed to sales, by 35%.
- 2002 - 2006, 3M reduced its absolute GHG emissions in the U.S. by 50%.
- 1973 - 2006, 3M reduced U.S energy use, indexed to sales, by 80%.

Corporate Environmental Goals

3M has been setting corporate environmental goals since the 1990s. In 2005, 3M set a new group of goals for 2005 through 2010. These goals are stretch goals directed at reducing our environmental impact on top of significant progress already made.

Our Environmental Progress from 1990 – 2006

(Progress indexed to net sales)

- 98% reduction in volatile organic air emissions.
- 98% reduction in US Toxic Release Inventory releases.
- 57% reduction in waste.

2010 Corporate Environmental Goals

(Based on the year 2005 and indexed to net sales, except for 3P)

- Reduce Volatile Air Emissions by 25%.
- Improve Energy Efficiency by 20%.
- Reduce Waste by 20%.
- Complete 800 3P Projects.

Perfluorooctanyl Chemistry and 3M

3M at one time was a leading manufacturer of PFOA, PFOS and PFOS-related products. Even though the company has phased out of the production of PFOA, PFOS and PFOS-related products, 3M remains committed to furthering scientific research, to sharing that research and to continuing to offer the company's expertise to government agencies around the world. 3M has created a web site to answer your questions and provide links and references to information resources independent of 3M. It can be accessed at www.3M.com/PFOA-PFOS

Environmental Product Solutions

In 2007, 3M launched a new catalog showcasing 3M products designed to address environmental challenges in the cleaning and maintenance, construction and industrial production, communications, office supplies, transportation, and health care markets.

The Environmental Solutions Catalog can be downloaded at www.3M.com/EnvSolutions

For more information see 3M's Sustainability Web Site at www.3m.com/Sustainability

1993	3M goal of 70 percent reduction in worldwide air emissions is achieved
1996	3M's 3P Program selected for President's Sustainable Development Award
1996	3M Environmental Management System is formalized
1997	3M launches its product Life Cycle Management program
1997	3M scientists receive Heroes of Chemistry Award from the American Chemical Society for the development of 3M Hydrofluoroethers (HFEs) as a CFC replacement
1999-2007	3M included in the Dow Jones Sustainability Index and listed among the Index's 18 Super Sector Leaders
2000	3M phases out Fluorochemicals
2003	3M is awarded the Clean Air Excellence Award in the Category of Regulatory/Policy Innovations by the U.S. EPA
2004-2007	3M is awarded an Energy Star award from the U.S. EPA and U.S. Department of Energy for its leadership in energy management
2005	3M is awarded the U.S. EPA Climate Protection Award
2005	3M is awarded the 2005 Most Valuable Pollution Prevention (MVP2) Award from the National Pollution Prevention Roundtable
2006	3M's 3P program is recognized by the Asian Institute of Management with an Asian Corporate Social Responsibility Award
2007	3M is awarded a Clean Air Excellence Award from the U.S. EPA

