

3M Sustainable Products Showcased at GreenBuild

- 3M has a longstanding commitment to sustainable development. That commitment is reflected in 3M's new product development. 3M Pollution Prevention Pays (3P) and Life Cycle Management (LCM) help 3M integrate environmental solutions into new product development. LCM ensures that 3M products address environmental, health and safety opportunities and risks throughout their life cycles – from materials acquisition and development through manufacturing, distribution, customer use and disposal/recycling. We also develop new products that help our customers meet their environmental objectives. Product examples highlighted at GreenBuild include:
 - 3M™ Novec™ 1230 Fire Protection Fluid is a leading alternative to halon and HFC-based fire suppressants and has zero ozone depletion potential. Its global warming potential (GWP) is one, compared to GWPs of several thousand for HFCs. Novec 1230 fluid enables facilities managers to bring about a 99 percent reduction in GHGs in critical function fire suppression areas where the use of water for fire suppression is not an option.
 - Scotchgard™ Hard Floor Protection Systems help to slash maintenance requirements, lower labor costs and reduce chemical use, while delivering impressive floor appearance.
 - Filtrete (TM) Commercial HVAC Filters combine effective filtration performance with low airflow resistance and long filter life. Filtrete Commercial HVAC Filters can lead to lower electrical energy consumption, reduced waste disposal and labor cost.
 - 3M Industrial Adhesives and Tapes Division (3M IATD) offers a broad line of building and construction products that meet the Leadership in Energy and Environmental Design (LEED(R)) criteria for either LEED(R) "Contribution Credits" or "Compliance Credits". 3M IATD products used as project materials can help organizations obtain the LEED(R) Certification Credits necessary to certify a project.
- By operating in smarter ways, 3M can create a more viable, sustainable company, while meeting social responsibilities and reducing the impact on the environment.

3M Sustainability

- **Vision:** To help meet the needs of society today, while respecting the ability of future generations to meet their needs.
- **Principles:** 3M is guided by three strategic principles that make sustainability implicit in everyday practices:
 - Economic success: Build lasting customer relationships by developing differentiated, practical and ingenious solutions to their sustainability challenge.
 - Environmental protection: Provide practical solutions and products to address environmental challenges for ourselves and our customers.
 - Social responsibility: Engage key stakeholders in dialogue and take action to improve 3M's sustainability performance.

- **History:** In 1975, 3M became one of the first manufacturing companies to establish a formal environmental policy. That same year, 3M adopted its voluntary 3P program based on the then-novel idea that pollution prevention is both an environmental and competitive/financial strategy. 3P is based on the concept that a preventative approach is more effective, technically sound, and economical than conventional pollution control equipment. The program seeks to eliminate pollution at the source through product reformulation, process modification, equipment redesign, and the recycling and reuse of waste materials. 3P relies on the voluntary participation of 3M employees, globally. To date, employees have completed more than 8,100 projects resulting in the elimination of more than 3 billion pounds of pollution, saving 3M nearly \$1.4 billion.
- **Climate change:** 3M has an aggressive energy and greenhouse gas (GHG) management strategy, which includes developing a third-party certified GHG inventory; continuously improving GHG accounting systems; setting voluntary GHG emissions reductions goals; reducing the company's GHG footprint through process improvements, energy conservation and controls; and developing a range of products that help 3M customers reduce their energy use and GHG emissions.
- **1990-2009 Environmental Progress:**
 - 96 percent reduction in absolute volatile air emissions.
 - 96 percent reduction in absolute U.S. Toxic Release Inventory releases (2008 emissions, 2009 reporting year)
 - 77 percent reduction in absolute GHG emissions.
 - 68 percent reduction in solid waste indexed to net sales.
 - 3M has set a new global GHG emissions reduction goal to further reduce global GHG emissions by 5 percent from 2006 to 2011. As of year-end 2009, 3M exceeded this goal by reducing emissions by 52 percent. 3M achieved these reductions—of gases included in the Kyoto protocol, as well as others not included—through energy conservation, improvements to manufacturing processes and pollution control equipment.
- **Recognition:**
 - 3M was ranked number 22 out of the top 500 largest publicly traded companies in America for sustainability by *Newsweek's* exclusive 2010 environmental ranking.
 - Inclusion in 2010 Dow Jones Sustainability Index with Gold Class Distinction. 3M has been the leader in its sector since the inception of the index.
 - Awarded United Kingdom's Carbon Trust Standard (2009)
 - Awarded BusinessWeek's Greener China Business Award (2009).
 - Named ENERGY STAR Partner of the Year in 2004 for worldwide energy conservation efforts and recognized for six consecutive years with the ENERGY STAR Sustained Excellence Award.
 - National Pollution Prevention Roundtable's Most Valuable Pollution Prevention Award (2005).
 - Air & Waste Management Association's Waste Management Award (2006).
 - U.S. EPA Region 7's Pollution Prevention Excellence Award (2005).

Visit 3M booth #2161 at GreenBuild 2010 to learn more about how 3M products can help you meet your sustainability goals.

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