



Working together for a healthier world™

## Green Buildings for a Better Pfizer and a Healthier World



To help protect the environment and reduce energy costs, Pfizer colleagues around the world are responding to the "Green Buildings: Local Action, Global Results" challenge. Aligned with Pfizer's Global Energy & Climate Change program, the Green Buildings initiative is designed to minimize the impact of the company's facilities on the environment by creating and using healthier and more resource-efficient models of construction, operation, maintenance and demolition.

Pfizer project teams in Freiburg, Germany; Kalamazoo, Michigan; and Puerto Rico were recently recognized for applying innovative engineering and sustainability principles to building management and construction policies. For their efforts, they were presented with the company's inaugural Green Buildings Awards, which acknowledge individuals and teams responsible for new practices, technologies or projects that minimize the environmental impact of Pfizer facilities and result in lower building operating costs.

"The Green Buildings program emphasizes Pfizer's global commitment to reducing its environmental impact," said Susan LoPiccolo, Senior Manager and Green Buildings Team Leader, Pfizer Global Engineering (PGE). "More importantly, the program proves that you can practice environmental stewardship without compromising business needs."

Andy Gibson, Engineer Manager, PGE, and a member of the Global Energy & Climate Change Team, agrees: "Every Pfizer office building, manufacturing site and R&D facility has an impact on the environment. Our goal is to minimize that impact over the lifetime of the facility."

"Green" building takes a holistic and integrated approach to the design and construction of capital projects and site operations, explains Jean Nomes, Director, PGE. "The program looks at the long-term operating cost and environmental impact within the context of each project, with an emphasis on getting the design right the first time without the need to retrofit improvements after construction is complete and the project has been turned over to site operations," he said.



*A new energy-efficient geothermal heating and cooling system was installed at the Freiburg, Germany site.*

## **Recognizing Achievements in Environmental Sustainability**

More than 70 projects were considered for Green Buildings Awards. The three award-winning "green" projects — developed by Pfizer colleagues in Freiburg, Kalamazoo and Puerto Rico — were selected based on their ability to enhance energy efficiency, water conservation, renewable resource and recycling efforts, waste management or indoor air quality. Each of the teams responsible for designing and implementing these projects employed innovative approaches to overcome environmental and business challenges and, at the same time, managed to save or avoid costs.

A project team at the Freiburg site transformed the 1950s-era facility into a modern, eco-friendly building using innovative and cost-effective "green" building technologies and techniques, such as a ventilation process that reduces air flow rates and a geothermal system that uses the natural heat storage capacity of the earth's thermal mass to provide energy-efficient heating and cooling. The project saved approximately US \$440,000 in annual energy costs and reduced energy consumption by 3,325 megawatt hours (MWh). As a result of the facility's transformation, carbon emissions at the Freiburg site were also reduced by 1,200 metric tons.

In Puerto Rico, Pfizer's Integrated Recycling Program increased recycling rates by 87 percent and saved the company US \$500,000.

The Kalamazoo project team applied a "green" approach to the demolition of Pfizer Building 88. The team recycled, reused and donated 89 percent of the materials from the building to avoid more than 35,300 tons of waste.

In addition to these award-winning projects, more than 66 certificates of recognition were presented at Pfizer sites throughout the world for 2007 efforts. The certificates acknowledge contributions to environmental stewardship that support business needs.