GREEN SCHOOL GAINS IN 2009

The Wilson school pictured here is the first LEED certified elementary school to be built in New Orleans thanks to Global Green. Learn more about our Green Schools Initiative starting on page 6.
Global Green USA
Founded in 1994, by activist and philanthropist Diane Meyer Simon, Global Green USA is the American Arm of Green Cross International (GCI), which was created by President Mikhail S. Gorbachev to foster a global value shift toward a sustainable and secure future by reconnecting humanity with the environment.

For 15 years, Global Green USA has been working to create sustainable urban environments and combat global warming through green affordable housing, green schools, community education, solar energy and sustainable city programs.

Global Green USA is the only national environmental non-profit headquartered in Southern California, with offices in New Orleans, Washington DC and New York City and is one of 31 national GCI affiliates throughout the world.

Global Green is working to address some of the greatest challenges facing humanity. In the United States our work is primarily focused on:

- **STEMMING GLOBAL CLIMATE CHANGE**
- **CREATING GREEN BUILDINGS, CITIES, AND SCHOOLS**

Internationally, Global Green and GCI affiliates are working toward:

- **ELIMINATING WEAPONS OF MASS DESTRUCTION THAT THREATEN LIVES AND THE ENVIRONMENT**
- **PROVIDING CLEAN, SAFE DRINKING WATER FOR THE 2.4 BILLION PEOPLE WHO LACK ACCESS TO CLEAN WATER**

**Cover Picture**
Rendering of Andrew H. Wilson Elementary school, the first LEED certified elementary school in New Orleans, made possible by Global Green USA.
“Everybody should have a little bit of Global Green in their lives to remember what we cannot forget -- and that is that we have to be in love with this planet.”

Salma Hayek
Global Green USA Supporter
Dear Friends:

We began 2009 incredibly hopeful, with the inauguration of our new President, and the hope of significant Congressional action to stem climate change and invest in clean energy solutions for the country. Global Green was honored to co-host the Huffington Post Inaugural Party in Washington, DC, and we even dared to hope the year would end with a successful international climate treaty signed in Copenhagen. Unfortunately, with gridlock in Washington, DC, progress on federal and global solutions proved unsuccessful.

Despite these challenges, Global Green’s innovative approach of creating effective state and municipal solutions to climate change that save money, create green jobs and improve health, were extraordinarily impactful in 2009. These efforts may very well provide the recipe for citizens as well as political and corporate leaders to implement effective environmental solutions that benefit communities on a local level while providing the keys to solving our climate crisis.

Additionally, Global Green’s initiatives to help low-income families and communities by creating healthy green schools and energy-efficient green affordable housing in New Orleans, Los Angeles, New York and in communities across the country, continued to receive significant philanthropic support from longtime supporters as well as from new donors inspired and impressed by our organization’s multi-faceted approach.

Given the challenging economic climate, we continue to be appreciative of the generosity of so many philanthropists, foundations as well as individuals and corporate supporters. This critical support is insuring that Global Green can continue to play a critical role in shaping green building policies and practices that benefit millions.

In 2009, Global Green made great progress in its leading efforts to rebuild New Orleans green as recognized by Time Magazine, the Christian Science Monitor, CNN and others. Based on our successful work in New Orleans, we also launched an initiative to green the rustbelt with a collaborative effort starting in Youngstown, Ohio. In New York, our business coalition grew to nearly 20 members and succeeded with two pilot programs, while our efforts in Washington, DC and around the globe to eliminate stockpiles of chemical, nuclear and biological weapons of mass destruction continued to make progress.

These and many other accomplishments are detailed in the pages that follow. We owe a great debt of thanks to our extraordinary staff and Board of Directors and to all of those who are committed to help Global Green on our journey towards creating a more secure and sustainable world.

Scott Seydel, Chairman
Matt Petersen, President & CEO
“No organization is doing more to rebuild New Orleans green” - TIME Magazine, August 2009

Immediately after Hurricane Katrina struck the Gulf Coast on August 29, 2005, Global Green formulated a vision and plan to find a silver - or green - lining in the disaster. Thanks to Global Green, numerous rebuilding projects in New Orleans are now offering critical solutions to how we create highly efficient, green homes and schools, while at the same time aiding underserved and underprivileged communities. Our initial goals in New Orleans were to adopt a neighborhood to rebuild a model green affordable housing community as a sustainable model; to rebuild green schools throughout the city; to green 10,000 units of housing; and to develop the professional capacity of the community in New Orleans to ultimately make green expertise indigenous to New Orleans. Almost 5 years after Katrina, Global Green is making significant progress on all fronts.

New Orleans is on the front line of rising sea levels and storm intensity caused by global warming. The opportunity to rebuild the city as an international example of sustainability comes in the aftermath of disasters that are increasingly being recognized as the tipping point for global awareness of climate change and its potentially devastating impacts. Global Green works with local, state, and federal government agencies and local neighborhood groups to achieve the greatest impact for New Orleans area communities, homes, and schools, while also drawing national and international attention and resources to the city.

“Green is not a trend for Global Green, it is a stalwart commitment to bring environmental consciousness to the center of local and national policy development. We will be bringing in an estimated $17 million in investment to New Orleans – leveraging tens of millions of dollars of investment beyond that through our impact on other projects including the Holy Cross Project, Build it Back Green, Green Schools Initiative, green policy advocacy efforts, and forums for professional builders and the public.”

Matt Petersen
President & CEO, Global Green USA
The Holy Cross Project: A beacon of sustainability for New Orleans and the world

The Holy Cross Project in the Holy Cross Neighborhood of the Lower 9th Ward, made possible with lead funding partner The Home Depot Foundation, is a model for development and rebuilding for New Orleans, and green affordable housing in the U.S.

The Holy Cross Project includes five single-family homes, an 18-unit apartment building, and a Community Development and Climate Action Center, which will provide essential resident and community services and serve as a hub of Global Green’s national initiatives on cities, energy efficiency, affordable housing, and climate change. Goals of the project are for all the buildings to achieve LEED Platinum standards, and that they be net zero energy and carbon neutral - by using solar panels, high performance building design, HVAC systems, rainwater reuse, energy and resource monitoring systems, and more. The first home, finished in May 2008, serves as a Visitor Center for developers, contractors and residents to learn how to rebuild green. After construction is completed on the majority of the project, the five single-family homes will be made available to and sold to displaced residents of the Holy Cross and 9th Ward communities, including help with the financing.

Construction was completed on three of the single-family houses by the close of 2009. Global Green also marked the 10,000th visitor’s tour of the Visitors Center. Notable 2009 guests include Lisa Jackson, Administrator of the United States Environmental Protection Administration, and President Obama’s Gulf Coast Rebuilding Coordinator Janet Woodka. And newly elected Congressman ‘Joseph’ Cao, who is personally committed to the sustainable rebuilding of New Orleans, has been an incredible advocate for the catalytic work of Global Green, including enabling $550,000 in congressionally directed appropriations for renewable energy elements of the Holy Cross Project from the Department of Energy.

“All Global Green is turning the vision of rebuilding a healthy green New Orleans into reality. They are working to help improve our communities by providing the knowledge, tools, and inspiration to create cost-effective solutions that work - saving money, improving lives and protecting our environment. Global Green’s Holy Cross Project is a remarkable model sustainable village helping to restore housing and services to the Lower Ninth Ward and serving as a beacon of hope for the entire community. The impact Global Green is having on New Orleans and the Gulf Coast will last for generations to come.” – Congressman Cao
Build It Back Green

Global Green’s “Build it Back Green” program (BIBG) is a comprehensive community outreach initiative to bring green building education and technical assistance to thousands of New Orleans residents, empowering them to take action to reduce utility bills and improve their health. Our mission is to ensure that New Orleanians have the knowledge, tools, incentives, and technical assistance necessary to make their homes more energy efficient and improve their indoor air quality. Targeting low-income families, for whom utilities can comprise up to 30% of the monthly expenses, the program aims to assist the long-term sustainability of the home as well as the financial sustainability of the family.

Build It Back Green was launched in the fall of 2008 and is generously supported by The Surdna Foundation, The Greater New Orleans Foundation, and the Louisiana Disaster Recovery Foundation, and covers a broad spectrum of low-income neighborhoods across New Orleans, including Treme, Central City, and the Lower 9th Ward. BIBG offers cost-effective green solutions for residents’ homes, neighborhood seminars on energy efficiency topics, at-home energy consults, and a comprehensive directory of green products and the local businesses that sell these products. The program also offers educational materials on state and federal incentives for green building.

In 2009, Build It Back Green held 142 community outreach events, educating over 21,000 residents across the city on how to green their homes. The BIBG team provided individual technical assistance to 140 households. In addition, the Green Building Resource Center served and continues to serve as a free energy efficiency and indoor air quality learning center and walk-in information center, open to the public six days a week.

“I hear so many senior citizens saying they have problems with utility bills, I’m 75. Not having to pay high utility bills, that was a big load off of my shoulders. It’s a great blessing. Thank you Build it Back Green.”

— Yvonne Johnson
Today, millions of children and teachers go to school every day in unhealthy, inefficient schools that waste money, make kids sick and provide poor environments for learning. Our goal is to ensure that within a generation, all children are learning in healthy, green schools.

Building green schools is one of the most effective ways to protect and improve student and teacher health, improve student performance (by as much as 25%), lower operating costs 20-40%, and provide a unique educational opportunity to have the classroom and school serve as a teaching opportunity. In early 2009, Jake Gyllenhaal joined Global Green at Manual Arts High School in Los Angeles to launch our National Green Schools Initiative.

Los Angeles

Global Green, with support from the Annenberg Foundation, continues to work with LA Unified on the largest construction plan of new school buildings in the country, to ensure they are built to green standards that will improve student performance and health, reduce air pollution, and save money on energy costs. By the end of 2009, we had completed a multi-phase review of 34 new green schools, improving the school facilities for more than 40,000 students and teachers, as well as saving 21,695,238 gallons of water, 164,357,593 KwH of electricity and reducing CO2 emissions by more than 94,000 tons every year -- the equivalent of planting 282,000 trees or eliminating more than 15,000 cars from the road every year.

San Francisco

Our work in California has expanded from Los Angeles to the Bay Area, with assistance currently being provided to San Francisco Unified School District. Over the course of the year we surveyed existing District design and construction requirements and proposed amendments and additions to increase both the comprehensiveness and specificity of the District’s green criteria.
New Orleans

Model Green Schools

In 2009, Global Green continued providing technical support to the design team and the New Orleans Recovery School District for both of its Model Green Schools - Andrew Wilson Elementary in the Broadmoor neighborhood, and L.B. Landry High School in the Algiers neighborhood. Funding was provided to both schools to help them achieve LEED Silver certification and to acquire the following visible green design elements that can serve as educational tools: a 5kW, photo-voltaic system solar hot water system, rainwater catchment and storage cisterns, and a solar monitoring system. Both model schools are expected to open for occupancy in 2010.

Green Seed Schools

In 2009, Global Green completed work on its third New Orleans Green Seed School, Dr. Martin Luther King Elementary School; and its fourth Green Seed School, Gentilly Terrace, completing retrofitting and upgrading it for maximum efficiency and sustainability. Like all Green Seed Schools, an energy audit was conducted at Gentilly Terrace that identified strategies that can be implemented to reduce the school’s energy usage and utility bills. Studies have shown that energy saving strategies such as reducing the amount of artificial light and increasing the amount of natural daylight can contribute to improved student performance.

Green Curriculum and Green Jobs

In order to broaden our outreach to many more students and school staff, Global Green sponsored the Green Power Hero (GPH) Program at 10 elementary schools. The GPH Program promotes and encourages numerous environmental, clean energy, and conservation actions through school assemblies and related initiatives. Also, Global Green sponsored the 1st Annual Green Jobs Fair to provide career preparation advice for local high school students to help them realize the connection between their studies and the skills and aptitudes needed by employers in the green jobs sector. Over 200 attendees were exposed to 25 different green jobs/careers.
Green Affordable Housing

The first two net zero affordable apartments in the United States - Los Vecinos and Solara – continue to exceed their performance projections. Over the past year, analysis of energy use and renewable energy production data from the projects has produced very positive results and some intriguing insights. First, the photovoltaic systems are producing the amount of power projected in the system design. More importantly, the energy cost reductions that result from the on-site generation are consistent with the financial projections, thus substantiating the overall net zero affordable housing business model.

Also of interest is that even with the inclusion of energy efficient lighting, ventilation, and appliances, there is significant variation in energy use among similar apartments. From a system design and financial perspective this speaks to the value that can be created by aggregating energy use and production across individual apartments. It also demonstrates the need for increased efficiency requirements for commercial electronics. By sharing the lessons learned from Solara and Los Vecinos, Global Green is also advocating for both policy and regulatory changes that can further streamline the net zero model, with the goal of seeing additional projects come on line in future years.

At the end of 2009, we celebrated the opening of Habitat for Humanity - New York City’s largest and greenest multifamily complex ever built by a Habitat affiliate anywhere in the world. This complex of affordable green condos in Ocean Hill-Brownsville, Brooklyn is expected to receive LEED Gold, one of the highest green building ratings. Since 2005, Global Green USA assisted Habitat for Humanity on this project, beginning with early visioning work and green technical assistance and continuing through design and construction.

On the national front, we completed the fifth annual analysis of state Qualified Allocation Plans – the means through which the low-income housing tax credits are distributed. This tax credit is often a critical part of the financing for

“Given that 40 percent of our energy use and global warming-inducing greenhouse gas emissions result from the construction and operations of buildings – it becomes clear that the future of our urban centers and the global environment are inextricably linked.”

Matt Petersen
Global Green USA
low-income housing developments. Global Green’s analysis has been used by numerous states in the process of establishing green criteria. Having completed five years of analysis we are now able to see a definite trend nationally toward increasing the degree that green building is an expectation in affordable housing design and construction. For the first time since we began the analysis, a majority of the states now exhibit some green criteria in the areas of energy efficiency, water conservation, healthy materials, and resource efficient construction practices.

**Green Cities**

Global Green continues to assist cities and counties in developing and implementing green building programs. In 2009 we continued to refine the program for the City of Malibu and began a combined outreach and technical analysis effort for the City of Mountain View. Both of these programs are expected to be in place by the end of 2010.

Expanding from our work in both green affordable housing and city programs, we are continuing to grow our efforts to create sustainable neighborhoods, largely through use of the LEED for Neighborhood Development rating system. This year we received certification for the three LEED ND pilot projects we were involved in – Holy Cross in New Orleans, Mira Flores in Richmond, CA, and Cornfields Arroyo Seco Specific Plan in Los Angeles.

In 2009 we also conducted the Green Urbanism Leadership Summit. This event brought together leading thinkers and doers in urban planning, ecology, public art, urban design, journalism, and academia for a two-day discussion about how to recreate cities to be connected to the local, regional, and global ecosystems that they reside within. The outcome was not a definitive set of answers but, instead, the following questions:

How is the way we are creating neighborhoods and cities increasing:

- Natural capital?
- Social equity?
- Economic resiliency and stability?
- Reconnection of humans and nature?
We must fundamentally transform the way we power our global economy in order to achieve the goal of truly stemming global climate change.

With the US economy in a tailspin, 2009 did not prove to be a good year for addressing environmental policy at the federal level. With Washington focused on the bank bailout, the ongoing conflicts in Iraq and Afghanistan and passing health care reform legislation, the environment, particularly climate change, was put on the back burner. So once again, the majority of real action to stem climate change took place at the state and local levels.

Global Green helped states and local governments across the country take action action in 2009, as they have in previous years, to reduce greenhouse gas emissions including establishing mandatory greenhouse gas emissions reductions, enacting aggressive energy efficiency and green building laws and ordinances and a host of other environmental initiatives. Global Green led the charge in several of these state and local efforts, providing technical expertise, building coalitions and advocating for greener, more climate-friendly policies.

“Energy use in buildings is the largest single global warming pollution source in the United States – accounting for 40% of all greenhouse gas emissions nationally. The passage of California Assembly Bill 758 provides another concrete example of ways that states and countries can immediately reduce their carbon emissions while growing their economies at the same time. More than three quarters of California homes are built to outdated energy standards so the existing building stock represents a huge opportunity to reduce greenhouse gas emissions through energy efficiency, as well as save money for the average homeowner.”

Mary Luevano
Policy and Legislative Affairs Director
Policy Successes

The Nation’s First Comprehensive Energy Efficiency Law

In January of 2009, Global Green became lead sponsor of AB 758 (authored by CA Assembly Member Nancy Skinner), a first-of-its-kind statewide policy to increase energy efficiency in all existing buildings. Global Green built a broad coalition of environmental, labor, and faith-based organizations to support the bill, and also enlisted the support of the California Building Industry Association and the California Business Properties Association. The bill was passed and signed into law by Governor Arnold Schwarzenegger on October 12, 2009.

AB 758 requires the California Energy Commission to develop and implement a comprehensive program to achieve energy savings in the existing residential and commercial building stock that falls significantly below current Title 24 building standards. The bill would also require the California Public Utilities Commission (PUC), by January 1 2011, to authorize each electrical corporation to provide a targeted number of low- or no-cost energy efficiency audits each calendar year.

AB 758 has significant impact for a variety of reasons. To start with, it will serve as a model for other states and municipalities seeking to increase energy efficiency in existing buildings. Also, more than three quarters of California’s homes were built before current energy standards were enacted, so AB 758 will impact a large portion of the existing building stock with the potential to significantly reduce greenhouse gas emissions. Lastly, but definitely not least important, advocacy on AB 758 brought together a disparate coalition that included the environmental community, health and faith-based organizations, the California Building Industry Association (CBIA), and the California Business Properties Association. Homebuilders, business property owners, and the environmental community have typically not seen eye-to-eye on all issues, so Global Green is appreciative of CBIA and CBPA’s support on AB 758, and will continue to work with them and all of our allies to press for a comprehensive, aggressive implementation plan for AB 758.

To that end, much support is still needed to urge the California Energy Commission to act in a timely and aggressive manner to implement AB 758 so that communities may begin recognizing its benefits. Global Green will be leading a coalition of organizations and individuals who weigh in on this issue and looks forward to engaging all its stakeholders.
Global Solar Report Card Points Way for Obama’s New Economy

Building on our 2008 work to produce a first-of-its-kind annual country-by-country review of the state of solar energy, Global Green produced an update to its Global Solar Report Card in early 2009, that was released at a press conference in San Antonio, Texas with Green Cross International Founder Mikhail Gorbachev and Global Green President Matt Petersen. This update utilized data from 2008 and provided grades for 16 countries including Australia, Canada, China, France, Germany, Greece, India, Israel, Italy, Japan, Poland, Russia, Spain, Switzerland, the U.K. and the U.S., as well as the state of California, looking at each country’s progress to date in terms of solar installed, and drivers for future growth, including policy frameworks such as financial and regulatory incentives.

Later that year, support from the Foundation for Global Community enabled Global Green to do an additional 2009 update that incorporated new data. Matt Petersen and Mary Luevano traveled to Copenhagen, Denmark in December 2009 to attend the UN Climate Conference where the updated Global Solar Report Card was released to the media and public. The Report Card update generated interest from the solar industry, policymakers, and environmental NGOs, and has helped establish Global Green as an international leader on solar energy policy issues.

Only Germany received an A in the 2009 update, maintaining its position at the top of the pack, while California and Italy both improved to B minuses after they experienced an almost 400% annual growth in installed capacity. Italy, Japan, Greece and China all received higher grades than last year as well. The Report Card also considers countries that stand to gain most by developing their solar markets given their solar resources, as well as the level of pollution of their current electricity generation.

Global Green has plans to continue updating the Solar Report Card for 2010 and each following year. To read the full report and view the 2009 grades, you can go to globalgreen.org/solarreportcard.
The 30% Solution - Modifying the International Energy Conservation Code

Building on the success achieved in 2008 from urging the International Code Council (ICC) to adopt a number of proposals which resulted in a significant jump in energy savings for the residential building sector, Global Green continued to help lead the Energy Efficient Codes Coalition (EECC) in 2009 - with generous support from the Energy Foundation - toward the goal of successfully implementing "30 Plus." This is an effort to improve the model residential building energy code by more than 30 percent.

In 2009 Global Green was able to nearly double the membership of the EECC by adding 26 new organizations, including affordable housing and faith-based organizations who had never participated before. New EECC members recruited by Global Green include Enterprise Community Partners, Local Initiatives Support Corporation (LISC), the Housing Assistance Council, the National Low Income Housing Coalition, National Housing Institute, the Louisiana Housing Alliance, Housing California, Southern California Affordable Non-Profit Housing (SCANPH), the American Values Network, and Interfaith Power and Light. Global Green also enlisted the support of Carlton Brown, CEO of Full Spectrum, a widely respected affordable housing developer out of New York City.

Global Green provided testimony at the code adoption hearings held by the ICC in Baltimore in October 2009 and was able to garner support from New Mexico Governor Bill Richardson, both for specific proposals and for the overarching goal of ensuring stronger energy building codes in the future. Governor Richardson’s service as U.S. Secretary of Energy and as a Member of Congress and US Ambassador to the United Nations brought added credibility to his statement of support.

Despite successfully passing EECC proposals at the ICC hearings in 2009, this was only the first hurdle towards improving the 2012 International Energy Conservation Code (IECC). Proposals that are approved by the development committees go before the full voting body in October 2010 in Charlotte, North Carolina. Global Green expects vigorous opposition to its proposals in 2010 from homebuilder associations and product manufacturers, so outreach efforts will be even more important throughout the summer and early fall of 2010.
Climate Solutions for Communities

Global Green continued its push in 2009 to ensure the implementation of the so-called “Community Empowerment Amendment” (CEA) of AB 32, California’s Global Warming law. After leading the charge in 2007 for the introduction of the Community Benefit Fund legislation by Assembly Member Kevin DeLeon, Global Green has focused on promoting the importance of a low-income community revenue stream with officials at the California Air Resources Board. In 2009, Global Green also used the Community Empowerment amendment concept pioneered in CA to successfully promote greater equity in federal climate legislation being considered by Congress. To date, Congress has not acted on federal legislation; however, Global Green Policy and Legislative staff will continue monitoring the federal scene to ensure equity in any bill considered.

North Pole Centennial Expedition: Raising Global Warming Awareness

The North Pole is a highly sensitive region, currently undergoing a profound transformation due to climate change. Last year, satellite images showed rapidly melting ice at the North Pole that would leave the Pole surrounded by water for the first time in recorded history, a revelation that left experts and scientists alarmed about the drastically increasing rapid pace of global warming. The melting North Pole is one of the most staggering geographical landmarks to succumb to our current crisis—an area that is suffering greatly at the hands of climate change.

In Spring of 2009, Sebastian Copeland - board member and advocate for Global Green - traveled the Arctic with expedition partner Keith Heger in sub-zero temperatures on a journey to reach the North Pole, with the goal of raising awareness of climate change and its effects on the Arctic. The outcome of this voyage is the riveting documentary “Into the Cold: A Journey of the Soul.” The film captures the two men’s dramatic trek, considered by experts to be the toughest expedition in the world. The men covered more than 400 miles on foot, in commemoration of the 100th anniversary of the first trek to the North Pole by Admiral Robert Peary in 1909. Facing tough conditions – fatigue, a shortage of food, reduced visibility – the men dove headlong into this vanishing environment to document the deadly fallout from global warming: pressure ridges, tides, crumbling vast pieces of ice. Much of the ecosystem that we all take for granted depends on a stable Arctic climate, such as sea level and the strength of global ocean circulation. These changes in the Arctic may well create unexpected deviations in global warming. A warmer Arctic will certainly affect weather patterns and food production around the world.
Transforming Waste into Assets

In 2008, Global Green launched a new recycling initiative in New York City designed to catalyze a national recycling movement – the Coalition for Resource Recovery (CoRR). Increasing the national recycling rate is one of the most readily available mechanisms for reducing energy consumption and greenhouse gas emissions, and actively engaging the public and industry in the fight against climate change. New York City, as the largest municipality in the country, offers an unparalleled opportunity for a nationally replicable demonstration aimed at solid waste stream diversion. Global Green’s Coalition for Resource Recovery is working with various restaurants on pilot projects that close the loop on waste through transforming garbage into assets.

New York City exports 15,000 tons of waste to distant landfills each day resulting in:

- $450M annually in disposal costs paid by taxpayers and businesses
- Truck traffic and air pollution, burdening low-income communities
- Release of millions of tons of greenhouse gases
- Loss of valuable materials

In its second year of operation CoRR already has many notable achievements in New York City’s recycling movement. The program’s success can be attributed to more than 14 companies with Coalition memberships, in addition to support from the Albert and Elaine Borchard Foundation, Overbrook Foundation, and the Turner Foundation. For a list of CoRR members, see the Members page on the CoRR website at www.thecorr.org.

Pilot Programs and Achievements

Food Packaging: Foodservice Recycling Pilot at Seven Starbucks Stores in Manhattan

In September, CoRR launched its recycling program at seven Starbucks stores in Manhattan. The pilot tested the collection and recycling of coffee cups when combined with old corrugated cardboard (OCC), the most extensively recycled material in the United States. The objective of this program is to develop a cost effective mechanism to close the loop on paper packaging, reducing greenhouse gases and assisting municipalities in reaching their solid waste diversion goals.

The Coalition secured corporate commitment for the pilot at a symposium it held in June, with 80 people participating and representing 50 organizations including Burger King, Tim Hortons, McDonalds packaging arm, Havi Global Solutions, and Starbucks, as well as their packaging supply chains.
In preparation for the pilot, CoRR worked with Western Michigan University, Starbucks Coffee Company, International Paper, and Solo Cup Company to pre-certify the cups as recyclable, and coordinated logistics with Starbucks, Action Carting, and Pratt Industries. Recycling bins were installed and monitored 2-3 days a week. Pratt Institute design students conducted design and consumer behavior observations to inform future bin prototypes and communications. Global Green analyzed the results of the coffee cup recycling pilot and convened pilot participants in December to review results and plan the second phase of the pilot. The pilot program will continue to grow in the number of participating stores, retail partners, and packaging types accepted over the course of 2010 in order to achieve sufficient volume for full proof of concept.

**Food Waste: Completed Phase I of Testing Restaurant Food Waste Reduction Technology**

New York City’s accommodation, foodservice, and retail sectors discard 1,100 tons of food waste each day. This food waste is hauled to distant landfills and buried, resulting in a loss of valuable nutrients and energy and at a cost of $33M per year. Burying this trash results in the release of 225,000 metric tons of CO2e released each year, equivalent to taking 41,000 cars off the road.

In April, CoRR concluded phase I of tests on the FoxSMB-2, a technology that shreds and extracts liquids from food wastes which in turn reduces the weight and volume of wastes to be stored, hauled and transported for disposal.

The tests were conducted at Ted’s Montana Grill in Atlanta, GA and showed that the equipment reduced food waste by 65% with minimal energy and water usage. Analysis of water effluent also was conducted which looked promising and plans for designing a unit for the restaurant environment were developed.
Wholesale Packaging: Launched Program to Achieve 100% Recyclable Wholesale Transfer Packaging at World’s Largest Food Distribution Center

On March 1st, Global Green announced its plan to substitute all non-recyclable transfer packaging distributed from Hunt’s Point Distribution Center, the largest food distribution center in the world, with recyclable packaging. The announcement included the launch of CoRR’s first trial on poultry packaging through a partnership with Interstate Container and Mountaire Farms, the sixth largest poultry company in the world. On September 22nd, Global Green announced a key milestone, successful completion of recyclable poultry packaging box trials through Hunt’s Point and the commencement of the conversion of Mountaire’s New York City business and its Lumberbridge, NC facility - the largest poultry processing plant in the U.S. - to FBA-certified recyclable and compostable boxes supplied by Interstate Container. If all of Mountaire’s boxes servicing the New York City market were recycled, greenhouse gases would be reduced by 21,000 mtCO2e per year, equivalent to removing 3,800 passenger cars from the road.

The switch to FBA-certified recyclable packaging is only one component of the sustainable packaging transition. The switch in packaging methods from ice pack to modified atmosphere packaging will result in significant water and energy savings. In addition, the box size was reduced, and inner plastic bag eliminated, also reducing use of corrugated and plastic. Global Green will assist Interstate Container and Mountaire in calculating the full energy, greenhouse gas, water, and solid waste savings from conversion of Mountaire’s poultry packaging to the new recyclable box.

Global Green continues to meet with other packaging and food distributors interested in trialing recyclable boxes through Hunt’s Point to participate in the program. Global Green’s goals include coordinating new trials and increasing awareness of, and demand for, recyclable boxes.
The global challenge of securing, eliminating, and remediating nuclear, chemical, biological, and conventional weapons requires responses that are global in scope.

The Security & Sustainability Program, previously known as the Legacy of the Cold War Program, is an international effort by Global Green USA, and Green Cross affiliates in Russia, Switzerland, and elsewhere. Operating on the principle of “cooperation not confrontation,” the program has facilitated the complex processes of securing weapons stockpiles potentially vulnerable to theft, attack, and diversion; of eliminating dangerous weapons stockpiles through safe and sound demilitarization; and of promoting bilateral and multilateral inspection, verification, and disarmament through education, outreach, and dialogue across local, state, and national borders. The Program is one of the original Green Cross programs established in 1993 under Founding Chairman Mikhail Gorbachev’s leadership.

Abolishing Weapons of Mass Destruction

The Security and Sustainability Program was successful in helping facilitate the safe and sound destruction of over 10,000 metric tons of deadly chemical weapons in 2009 in three of the seven countries which have declared chemical weapons stockpiles. The United States, Russia, and India, all continued to eliminate their CW stockpiles, while Albania and South Korea completed their destruction programs in 2007 and 2008 respectively. In 2009 India was the third declared chemical weapons possessor state to finish destroying its stockpile. Two remaining countries, Libya and Iraq, have not yet begun destruction of their deadly chemical agents; Iraq was one of three countries to join the international Chemical Weapons Convention in 2009, bringing the total of States Parties to 188. Seven countries still remain outside of the treaty regime – Angola, Egypt, Israel, Myanmar (Burma), North Korea, Somalia, and Syria; Global Green USA, along with some three-dozen other non-governmental organizations, established a CWC Coalition in December 2009 to advocate for “universality,” i.e. the accession by these last seven countries to the Convention. NGO members of the CWC Coalition include representatives from Africa, Asia, Europe, and North America.

Global Green, through its Security and Sustainability Program, has been actively involved in the international abolition of chemical weapons for over sixteen years, and has helped eliminate over 40,000 metric tons of chemical agents, about 56% of the world’s declared stockpiles through “Track II” facilitation.
“Global Green USA, along with our Green Cross colleagues in Russia, Switzerland, and elsewhere, has been key to facilitating over $1 billion annually in successful international programs for arms control, disarmament, threat reduction, non-proliferation, and homeland security. We want not only to keep these deadly weapons – nuclear, chemical, and biological – out of the hands of terrorists, but also to safely and verifiably eliminate them from national arsenals where they threaten peace and regional stability throughout the world.”

Paul Walker
Director, Security and Sustainability Program, Global Green USA

and diplomacy. Although the legally binding deadline under the Chemical Weapons Convention (CWC) for completing stockpile destruction is April 2012, both Russia and the United States, with almost 70,000 metric tons between them, will take another decade to complete their destruction programs. Global Green will continue to manage local outreach offices at stockpile sites in Russia, will coordinate the newly established CWC Coalition in support of the CWC, and will continue to watchdog the environmental and public health consequences of chemical weapons incineration, neutralization, and other technical processes. The abolition of a whole class of weapons of mass destruction will represent an historic step forward toward global peace.

Supporting Nonproliferation and Disarmament Programs

The Security and Sustainability Program, as part of the Nuclear Weapons Working Group (NWWG) in Washington DC, was also successful in 2009 in raising several hundred million dollars for nonproliferation and threat reduction programs in the fiscal year 2010 federal budget, the first of the new Obama Administration. These annual bipartisan programs are focused on the global nonproliferation of nuclear, chemical, and biological weapons and related military systems. They come under the Cooperative Threat Reduction (CTR) Program, established by Senator Richard Lugar (R-IN) and former Senator Sam Nunn (D-GA) seventeen years ago, in the Defense Department and under the National Nuclear Security Administration (NNSA) in the Energy Department and have become top priorities of President Barack Obama’s foreign and military policies. The Security and Sustainability Program was also successful in doubling annual construction funds for chemical weapons destruction facilities in Pueblo, Colorado and Blue Grass, Kentucky.

Global Green was also successful in 2009 in establishing the Fissile Material Working Group, along with several other Washington-based NGOs, and worked closely with the Obama Administration in organizing a Nuclear Summit meeting in Washington in 2010 to complement the Obama governmental Nuclear Summit. The FMWG was established to promote the nonproliferation of fissile materials, especially highly enriched uranium (HEU) and plutonium, which may be vulnerable to terrorist use in a nuclear weapon or “dirty” radioactive bomb.
Funding Multilateral Disarmament and Inspection Regimes

The Bush Administration had for years under-funded U.S. contributions to international and multilateral arms control and disarmament regimes, including the Organization for the Prohibition of Chemical Weapons (OPCW) in The Hague, the International Atomic Energy Agency (IAEA) in Vienna, and the Comprehensive Test Ban Treaty Organization (CTBTO) in Vienna. The Security and Sustainability Program has been successful in increasing annual funding for these important multilateral arms control and verification organizations for the past three years and was pleased to see this noted prominently in incoming Secretary of State Hillary Clinton’s nomination statement before the Senate Foreign Relations Committee in 2009.

Building Consensus for Safe and Sound Demilitarization

The Security and Sustainability Program, in coordination with Green Cross Russia and Green Cross Switzerland, organized its third annual Nuclear Weapons National Dialogue in St. Petersburg in April 2009. It also participated in several international forums including the annual CWD 2009 conference on chemical weapons destruction in Stratford-upon-Avon, England in May 2009 and the 14th OPCW Conference of the States Parties in The Hague, The Netherlands in December 2009. These annual conferences promote international dialogue among all stakeholders – from local activists to international diplomats – and multilateral inspection regimes to help secure and eliminate weapons of mass destruction from Russian, US, and other national stockpiles and to keep them out of the hands of terrorists. Proceedings and reports from most of these important meetings are available on the Global Green website.
Social Media – Connecting with our Constituents in the Digital Age

Education and Communications Outreach is a critical component to Global Green’s effectiveness in engaging and informing its key constituents and supporters. In 2009, Global Green added a daily Twitter Feed, began to add new content to Facebook on a more regular basis, and made all of the core Global Green web content sharable. Matt Petersen became a regular contributor to the Huffington Post, and we received monthly coverage on highly visible environmental sites such as Treehugger, Ecorazzi, and Grist.

Global Green also began to experiment with innovative online partnerships including eBay and Electrolux. With eBay, Global Green partnered on a collectables auction in conjunction with Board member Leonardo DiCaprio that helped raise significant funds while garnering over 245 million media impressions from outlets such as People.com, CNN’s Showbiz Tonight, MTV Radio, TreeHugger, and Huffington Post.

For Earth Day, Electrolux and Kelly Ripa launched a virtual flower garden campaign to drive awareness and raise funds for Global Green. For every virtual flower planted, Electrolux donated $1 to Global Green up to $25,000 to support our efforts to build green schools across America.

The Fourth Anniversary of Hurricane Katrina

Global Green’s robust New Orleans programs including Build it Back Green, Green Schools, The Holy Cross Project, as well as Global Green’s general initiative to rebuild New Orleans green received significant ongoing coverage in local and regional media coverage last year. With the 4th Anniversary of Katrina, Matt Petersen and Global Green were well recognized as one of the leaders in the green rebuilding of New Orleans and received robust national coverage. Starting with Matt Petersen’s blog on Anderson Cooper 360, to coverage in the Christian Science Monitor, CNN Headline News and Time Magazine, Global Green was positioned in major media as the “organization doing more than any other to rebuild New Orleans green.”

6th Annual Pre-Oscar Party

In February 2009, Global Green launched its National Green School Initiative at the 6th Annual Pre-Oscar Party at the Avalon Hollywood. The event featured musical performances by Sheryl Crow and Gavin Rossdale. Celebrity supporters in attendance at the event included: Leonardo DiCaprio, Kate Bosworth, Gwen Stefani, Neil Patrick Harris, Heather Graham, Chris Pine, Zachary Quinto, Kevin Connolly, Alison Brie, James Cromwell, Dominic Monaghan, Sharon Lawrence, Kate Walsh, Stephen Daldry, Keenen Ivory Wayans, Rhona Mitra, and more.
Celebrities attending the event were invited to sign a letter calling upon President Obama to make investment in green schools a national priority. On our website, the public could sign onto the letter, view the top 10 benefits of green schools, and learn more about other ways to help create green schools. Combining the power of entertainment, technology, media, and philanthropy, Causecast.org streamed live from the event. In partnership with MySpace, Impact, and Stickam, viewers could watch the stream in real time, submit their questions to the carpet and even donate to Global Green while watching.

**13th Annual Millennium Awards**

On May 30th, Global Green celebrated the 2009 Millennium Awards honorees at a fundraising gala in Santa Monica, California. The honorees included: Wallis Annenberg/The Annenberg Foundation – California Environmental Leadership Award; Jeff Skoll – Entertainment Industry Environmental Leadership Award; Marc Nathanson/Falcon Waterfree Technologies – Green Building Environmental Leadership Award; and Global Green Board Member Zem Joaquin with the Founders Award.

Celebrity supporters and presenters in attendance included: Rosario Dawson, Adrian Grenier, Arianna Huffington, Mayor Antonio Villaraigosa, Amy Smart, Radha Mitchell, Sharon Lawrence, David Duchovny, Billy Zane, Davis Guggenheim, Mia Maestro, Luke Perry, Maggie Grace and Blake Mycoskie, Austin Nichols, Eve Ensler and Domenico Vacca, as well as award-winning hip-hop poets Steve Connell and Sekou ‘Tha Misfit’ Andrews, who performed at the event.
10th Annual Sustainable Design Awards

Global Green celebrated the recipients of its 10th annual Sustainable Design Awards on November 9th at Pier Sixty in Chelsea Piers in Manhattan. The evening was hosted by Emmy award-winning actor Brian Cox, of Deadwood and The Bourne Supremacy, and featured presenters Miles O’Brien, host of PBS’ Blueprint America, and David Brancaccio host of PBS’ Now.

The honorees for the 10th Annual Sustainable Design Awards included Ceres – Organizational Design Award; The Cooper Union for the Advancement of Science and Art – Green Building Design Award; PG&E Corporation – Corporate Design Award; Terry Tamminen and Bonnie Reiss – Policy Design Award; and Global Green Board Member Sebastian Copeland, who received the Founders Award.

Among the notable guests who attended the Awards was Tate Donovan, Ugly Betty’s Tony Plana, Deputy Director/General Counsel at the White House Council on Environmental Quality, Gary Guzy, Manhattan Borough President, Scott Stringer, Good Housekeeping Editor-in-Chief, Rosemary Ellis, and architect, Pritzker Architecture Prize Winner, and Founder of Morphosis, Thom Mayne.

5th Annual San Francisco Benefit Party

Global Green USA celebrated our Gorgeous & Green Benefit Event at San Francisco’s W Hotel, the seventh hotel in the country to receive LEED certification. The event celebrated our efforts throughout the Bay Area, California, and across the country to advance smart climate solutions. During the program, Global Green celebrated its partnership with Habitat for Humanity and PG&E to help build the first LEED Gold certified Habitat homes in California.

The event began with an intimate organic dinner and concluded with a special eco chic fashion show. Media coverage included the San Francisco Chronicle, San Francisco Examiner, and the SF Gate, as well as Inhabitat and Beanstockd. The event raised over $200,000.
Global Green USA continued to strengthen its financial position in the fiscal year which ended December 31, 2009, thanks to the generosity and support of our board, foundations, major donors and corporate contributors.

Total operating support and revenue contributed during fiscal year 2009 for use in that year and future years reached $5,178,191. Foundation grants increased this year to $3,134,212 representing 61% of the total. Gifts received from individual donors totaled $180,019, or 3% of the total. Corporations and other revenue in the amount of $481,744 accounted for 9% of the total, government grants provided $414,962 or 8%, while special events totaled $967,254 or 19%.

Multiyear grants and gifts play an important role in enabling us to expand our work and programs. Some $532,372 in fiscal 2009 gifts, from foundations, was designated for use in future years, while past multiyear gifts continued to provide support for our work in the current year.

Expenditures on program services totaled $4,606,667 in fiscal year 2009. 92% of our expenses were devoted to our key programs: Sustainable Rebuilding of New Orleans and the Gulf Coast 41%; Green Urbanism Program 12%; Climate Solutions (Policy) 8%; Coalition for Resource Recovery 4%; and Security and Sustainability 9%. Our work with our international partners on Water & Conflict accounted for 1%, and Solar & Renewable Energy .5%. Education and Outreach accounted for 14%. Fundraising & Administration expenses totaled 8%.
### Global Green USA Supporters

Global Green is thankful to the following individuals, organizations, foundations, and cities for their continued support of our work.

#### Individuals, Organizations & Foundations

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#### Government & City Grants

- Canadian Embassy - Russia
- Canadian Government, Dept of Foreign Affairs & Int’l Trade
- Green Cross Switzerland
- City of Los Angeles
- City Of Malibu
- City of New Orleans: Office of Recovery Management
- City of Santa Monica
- State of California, Energy Commission

#### Holy Cross Project

- 500K - 1 Million
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