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SOLAR ONE/
STUYVESANT COVE PARK
24-20 FDR Drive Service Road East
NYC 10010

SOLAR ONE/
ADMINISTRATIVE OFFICE
37 West 26th Street, Suite 209
NYC 10010

SOLAR ONE LAB
10-15 43rd Avenue
Long Island City, NY 11101
Solar One is a 501(c)3 not-for-profit organization and partner of the Community Environmental Center (CEC), the largest not-for-profit weatherization organization in New York State. Solar One would like to offer our utmost thanks to CEC for all their assistance and support.
Letter from the Director

We are pleased to provide you with this 2011 Program Report. This was a year of considerable advancement for Solar One, and we saw many of our programs grow into sizeable initiatives that connect with other New York City institutions. These initiatives and partnerships lay the groundwork to achieve shared goals of making our City cleaner, reduce energy use and cost, and lower our collective carbon footprint at work, home, and school.

In 2011, Solar One’s programs grew by over 40% from 2010—reaching 42,121 people in all five New York City boroughs (up from 29,000 in 2010.) This growth reflects our specialization in the area of education and focus on developing closely-tailored sustainability education programs for the public, K–12 students, and workforce. Solar One’s public events also educate while entertaining, and our panels, workshops and arts events showcase the possibilities of renewable energy and green buildings, while providing tangible support for those who want to switch to renewable energy and make their home or office more efficient.

Press coverage and our online reach also grew in 2011. Several programs received mainstream media attention, including print and video stories in the Wall Street Journal and online and broadcast stories on NY1. Our combined social media and online marketing engaged 424,915 people, particularly through the new Clean Energy Connections panel series. Through a partnership with Greentech Media, Clean Energy Connections’ livestreamed panel discussions were watched by 2,315 online viewers, including people in 25 states and 30 countries. This is our largest national and international audience to date and Clean Energy Connections’ success is due in great part to the participation and energy of the many panelists, who are all leaders at the cutting edge of many clean technology fields.

The Green Design Lab™ (GDL) K–12 education program is our fastest growing program. Growing from a ten-school pilot to a fully fledged program in 23 schools, GDL will have direct and indirect reach to upwards of 10,000 students by June 2012. A sustainability blueprint for schools to teach lessons on science, technology, engineering, and math while lowering energy costs through school-wide sustainability projects, the GDL is conducted with the NYC Department of Education and is on its way to becoming a permanent part of New York City’s educational landscape.

Solar One’s other programs also pushed into new terrain and developed more partners. Working with labor unions, workforce agencies, green employers, and leaders in the New York City green jobs field, the Green Workforce Training program added a course on green building operations and maintenance to launch in 2012, allowing students to gain relevant national certifications. In 2011, our new building—Solar 2—received over $2.5 million in new funding for construction, through reinforcing existing partnerships and forging new ones. The Arts program inaugurated a media partnership in 2011 with The Rubin Museum of Art for the signature Sun To Stars Festival of South Asian Dance and Music which had its largest audience ever, of 1,500. The Park has an active volunteer corps of close to 150, including the Stuy Cove Park Assn. and NYCaress.

As Solar One enters its eighth year of operations in 2012, we are gratified to see our programs becoming part of a much broader framework to reach New Yorkers in their daily lives. We are thrilled at how far we came in 2011—and how much further we know we will go in 2012. We thank all of our supporters and friends for all they did to make 2011 our most successful year ever.

CHRISTOPHER J. COLLINS
EXECUTIVE DIRECTOR

FEBRUARY 29, 2012
Solar One Stats

OVERALL

42,121
People reached by all programs

626
Events held

424,915
People reached by marketing & outreach

Education

5,471
Students

33
Green Design Lab schools

239
Classes taught

Arts & Events

6,217
Event attendees

92
Artists performed + presented

13
Events

4
Family Days

Stuyvesant Cove Park

55,000
Visitors

3,105
Volunteers

147
Volunteer hours

1,001
New plants

4
New species

Energy Connections

300,000
Reached through marketing + social media

331
Events, meetings + referrals

41
Partnerships formed

Green Workforce Training Program

15
Partner organizations

37
Courses delivered

695
Individuals trained

695
Individuals trained

29,340
Event attendees
Community Through Partnership

- **57** Event Sites + Workshops
- **33** Green Design Lab Schools
- **15** Workforce Partners

*Energy Connections*

*Education*

*Workforce*
In the News

There was extensive press about Solar One programs in 2011, with coverage on the Green Design Lab™, Solar 2, Clean Energy Connections and our Solar Powered Arts programs.

**THE WALL STREET JOURNAL.**
The Wall Street Journal ran an article on the Green Design Lab in December 2011.

**NY1 featured Sun To Stars Festival of South Asian Dance.**

**NY1 ran a video and article on new City funding for Solar 2.**

**GREEN DESIGN LAB WAS COVERED BY**
Inhabitat.com
Nation of Change
New America Media
New Jersey Herald
New York Times
School Book

**SOLAR 2 WAS COVERED BY**
DNAinfo.com
Green Real Estate Daily
SustainableBusiness.com
Curbed.com
World Interior Design Network

**SOLAR FEEDS**
Solar Feeds
News On Green
The Jewish Week NY
Ecovocative Ideas
NY1.com

**GREEN DESIGN LAB WAS COVERED BY**
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New America Media
New Jersey Herald
New York Times
School Book

**SOLAR 2 WAS COVERED BY**
DNAinfo.com
Green Real Estate Daily
SustainableBusiness.com
Curbed.com
World Interior Design Network

**ENERGY CONNECTIONS WAS COVERED BY**
Greentech Media
GreenBiz.com
Green Light Distriket
MarketWatch
NYC Climate Week 2011
OnEarth.org

Greentech Media has been an invaluable partner for the Clean Energy Connections panels, live streaming them to their international followers from our NYC location.
Evolution of a Program: The Green Design Lab

How the Green Design Lab grew — from identifying a need for in-school sustainability programs, to rolling out a pilot, to reaching thousands of New York City youth in a full-fledged program while reducing our City’s carbon footprint.

2008-09

Solar One educators develop “Green Innovator” curriculum and offer teacher training with Center for Architecture

As a result of Solar One’s Enrichment Education program and the Green Innovator teacher training, Solar One starts receiving an astonishing number of requests from teachers to “green their school.” The concept for Green Design Lab originates.

2009-10

Solar One develops prototype GDL curriculum with CITY AS SCHOOL and teaches the first semester-long course

CITY AS SCHOOL ends its semester before students finish their projects, and they request a year-long green class for the following semester. Solar One secures several founding sponsors to launch a formal GDL pilot program including Con Edison; the Mertz Gilmore Foundation; Schmidt Family Foundation; 11th Hour Project; J.C. Kellog Foundation; HSBC Bank U.S.A., N.A; and Colgate-Palmolive.

CITY AS SCHOOL teacher continues the GDL as part of the regular in-school curriculum, and the class begins a hydroponics project.

The NYC Department of Education, Division of School Facilities, NYCDOE Sustainability Initiative, Department of Citywide Administrative Services and Postsecondary Pathways join Solar One as GDL partners.
Solar One launches a year-long GDL pilot in 10 schools in Manhattan, the Bronx, and Brooklyn.

**2010–11**

- **MANHATTAN COMPREHENSIVE**
  - Bringing the full weight of GDL to make their school more sustainable, students and teachers join together to create a proposal to install a solar power array on their school roof. School officials approve the plan and seek support from DOE.
  - Solar One hosts GDL professional development training for 100 teachers.
  - PS 187 in Washington Heights reduces their energy use by 13%, placing 6th in the city-wide NYC Green Cup Challenge.

- **School-wide sustainability projects begin:** urban gardens & farms, recycling initiatives, energy use awareness campaigns, eco-art displayed in public shows and plants for every classroom.

- **Student recharging handmade solar lamp with a solar panel.**

- **New York City names Solar One and the GDL in PlaNYC 2030 as on-the-ground partner to provide sustainability programing in NYC public schools.**

- **Solar One secures more philanthropic partners to launch expanded GDL program in more public schools and holds an open call for New York City public schools to apply for 2011–12 GDL.**

**2011–12**

- Solar One educators formalize GDL curriculum starting with the Energy unit which focuses on energy reduction and renewable energy. During the remainder of the year, Food, Water, Air Quality, and Materials units are all developed.

- **Student recharging handmade solar lamp with a solar panel.**
Students are featured in documentary, “Burning in the States,” about using solar power in the U.S.

Educator Joe Chavez in collaboration with AUP students build Bushwick Campus Farm on a vacant lot as their GDL project. They test soil, build the farm, and start seedlings indoors using hydroponics. Far more than a school project, the Bushwick Campus Farm galvanizes the efforts of four schools located on one campus, along with several Brooklyn-based environmental organizations.

Students & families at PS 187 work together to make recycled jean planters for a green roof project.

A green bug has bitten the entire campus—all four schools love their urban farm so much, they initiate the installation of a rainwater collection system and a greenhouse. The Bushwick campus held a Kickstarter campaign and raised thousands of dollars for the greenhouse.

Press conference at MS 88 in Park Slope with City Council Speaker Christine Quinn.

GDL launches in 23 schools in all five boroughs, directly reaching over 1,500 students in GDL classes and up to 9,000 indirectly through school-wide projects.

Image taken by the WSJ for their feature of Solar One educator Anna Bakis

PS 60 students create posters that display energy efficiency methods for their school and warn of climate change.

The green bug has bitten the entire campus—all four schools love their urban farm so much, they initiate the installation of a rainwater collection system and a greenhouse.

Students take food home and sell it to local farmer’s markets and Brooklyn restaurants.

GDL Energy Challenge begins in the largest school system in the country. Schools have six months to reduce energy use and win $30,000 in prizes.

GDL Energy Challenge featured in Wall Street Journal print, online and in video.

Lot used by Academy of Urban Planning to create the Bushwick Campus Farm

ACADEMY OF URBAN PLANNING

Bushwick Campus Farm is in the ground and thriving. With neighborhood environmental groups, many students work as paid interns on the farm over the summer. Students take food home and sell it to local farmer’s markets and Brooklyn restaurants.

Students sell produce from Bushwick Campus Farm

GDL hosts GDL professional development training for 200 teachers.

Students on an energy audit of their school.

ACADEMY OF URBAN PLANNING

Bushwick Campus Farm.

Press conference at MS 88 in Park Slope with City Council Speaker Christine Quinn.

WALL STREET JOURNAL

Green Design Lab featured in Wall Street Journal print, online and in video.

Image taken by the WSJ for their feature of Solar One educator Anna Bakis
DID YOU KNOW?
· 1 in 283 Americans is a NYC public school student
· 1.1 Million students attend one of 1,700 distinct schools
· Public schools account for a quarter of K-12 schools, housed in 1,170 buildings.
· NYC school buildings account for 40% of city energy spending with more than 140 million square feet of space

The Green Design Lab will expand annually to reach an estimated 10% of the New York City school system—the nation’s largest—by 2017.

2012 + Beyond

WINTER 2012
Green Design Lab is featured on NY1 in a story about how GDL increases student learning in science, technology, engineering and math.
Solar One educators continue refining and building GDL curriculum. They begin planning for advanced curricula focused on STEM and clean technology for 10th, 11th and 12th grades.

SPRING 2012
Second open call for public schools to apply for 2012–2013 GDL.
Solar One Education staff is besieged with requests from teachers to bring GDL to their school.
To accommodate the many requests for help greening schools, Solar One plans a GDL professional development training for up to 200 teachers.
GDL Energy Challenge winners are announced.

2013–2014
Solar One pilots new advanced GDL curricula in a public school.

2013 AND BEYOND
GDL continues expanding, growing and refining, and develops robust programmatic options to accommodate different schools needs.
GDL has a goal of reaching 170 NYC public schools schools by 2017, with the potential for annual reach of 15,000–18,000 students directly through classes, and up to 100,000 through school-wide sustainability campaigns.
Each school in GDL is expected to reduce electricity use by 5%
K-12 Education

“We had squads of children in various grades responsible for turning off the lights...they just kind of absorbed it.”

– PRINCIPAL CYNTHIA CHORY, P.S. 187, ON HOW THEY WON $5,000 FOR REDUCING ELECTRICITY USE
Green Design Lab

The Green Design Lab™ is a year-long curriculum and program focused on helping to green New York City schools. It is the only curricular blueprint of its kind that looks at the school building as both a laboratory for learning and a tool for environmental change. Using a creative approach to problem solving, students participate in activities that incorporate science, technology, engineering and math (STEM) skills as tools for exploration and then take action on what they have learned to save energy and create schoolwide sustainability projects. In 2011, GDL grew from ten pilot schools in the Spring to 23 in the Fall.

Enrichment Education

Want to get started with sustainability education? Enrichment workshops are innovative, one to three session hands-on classes for K-12 students. With a focus on renewable energy, sustainable design, or estuary and park ecology, workshops are dynamic and can be held as field trips or at your school. They include exploration of the East River waterways and the Oyster Garden in Stuyvesant Cove, design projects like building solar cars and small wind turbines, and green building design as taught through actual solar-powered buildings.

Bushwick Campus Farm

In Spring 2011, Solar One helped plant the seed for the Bushwick Campus Farm in Brooklyn. From a classroom hydroponic garden to a fully-functioning urban farm serving four schools within their campus, the project was all made possible through partnerships with local organizations.
Arts + Events

“What a perfect setting to address the human perception and creation of our environment and to witness Solar One’s vision that things could be different. Adding my creativity and being supported by such an endeavor is deeply fulfilling.”

– GABRIEL FORESTIERI, CHOREOGRAPHER
Green Energy Arts Festival


Hurricane Irene: Nature Trumps Our Best Efforts

Summer 2011 was full of snake lightning, thunderstorms, gale force winds – and Hurricane Irene. Solar One’s intrepid staff were no match for weather that shut down the NYC subway, and we were forced to cancel five events because of inclement weather. Most affected was the Solar-Powered Film Series, with four events cancelled. In an unofficial Nature-produced show, snake lightning dancing over the East River created an unofficial light show that many New Yorkers still gathered to watch.

Sun to Stars Festival of South Asian Dance & Music

By September hurricane season had passed, and this highly popular all-day event took place on a brilliantly sunny day. With 1,500 people in attendance and lasting 8 hours, Sun To Stars featured dozens of South Asian dancers and musicians presented to an appreciative crowd relaxing alongside the East River from mid-afternoon to late at night.
Workforce

“I’m really looking forward to improving my life based on what I’ve learned here. Solar One had the best instructors, they really take their time and make sure you know the material, rather than just transmitting knowledge and hoping you pick up on it.”

– ALVARO SOLIS, SOLAR ONE TRAINEE
Workforce Training

Green jobs, the green economy, green technology... where are these jobs, how do you enter this field, and what are important sectors of the green economy? Solar One’s Workforce Training program is leading New York City into the future with its comprehensive roster of courses for energy efficiency retrofit, green building maintenance, and solar power systems installation and maintenance.

In 2011, Solar One trained 695 individuals through 37 courses, doubling the number of trainees since 2010. In 2012 we will continue to grow and deepen our program with a new, three-week, Green Building Operations and Maintenance course. This new course will prepare participants for two nationally-recognized certifications: Urban Green Council GPRO and the Building Performance Institute Multi-Family Energy Efficient Building Operator.

What Happens After Training?

Solar One continues to work with workforce agencies and program graduates once training is complete to secure green jobs. In 2011, Solar One joined the Business Development Councils of several workforce partners, created a database of job placement data, trained workforce job placement specialists on the green industry in New York and continued to make connections with green employers. Expanding this programming is a major goal in 2012.

Training Lab

Solar One opened its Training Lab in Long Island City in 2010, a workshop outfitted for hands-on training in carpentry, plumbing, electrical installation, weatherization, solar installation, energy auditing, and building maintenance. Each of Solar One’s courses is comprised of at least 50% hands-on training. In 2012, this Lab will move and expand by adding state-of-the-art heating/cooling and ventilation equipment with generous grants from NYSERDA.
Stuyvesant Cove Park

“Stuy Cove Park is my spiritual connection to Manna-hata, the native name for our Island City before it became the concrete construction that it is now. The topsoil may have been imported, but still I put my fingers in it, I care for our native flora and I look out at the East River as it continues to flow by as it has done for millennia.”

– THOMAS ECCARDT, PARK ANGEL
Stuyvesant Cove Park

Stuyvesant Cove Park, an "oasis of green in a sea of asphalt", had a year of ups and downs. Generally, the Park benefited from the cool, wet weather, displaying lush leaves, brilliant flowers and delicious fruits. On the other hand, the storms of late August deposited a fair amount of trash and brackish water in the Park beds. Despite the setbacks, over a hundred volunteers went beyond the call of duty to plant new flowers and clean up the trash. We also held four Stuyvesant Strolls park tours, and four Family Days for kids, parents and the community at large to create eco-art, pot native plants, make ice cream using Park plants, learn about native wildlife and more.

The summer resulted in beautiful blooms in our gardens, maintained by our dedicated corps of volunteers.
"If you’re involved in the cleantech sector in New York—or anywhere—you need to be a part of Clean Energy Connections."

- JONATHAN McCLELLAND, FOUNDER, NY ASSOCIATION OF ENERGY ECONOMICS
Clean Energy Connections

New York City is a business center for many industries - and is now emerging as a clean technology hotspot. In partnership with NYC Accelerator For a Clean and Renewable Economy (NYC ACRE), Solar One launched the Clean Energy Connections panel series as a way for clean tech professionals to meet and share information. With six panels on electric vehicles, biomimicry, wind in NYC, energy and water, how to scale up solar energy, and the value of a negawatt, Clean Energy Connections brought together almost 600 people in person, and reached around the country and world with online viewers in 25 states and 30 countries. Solar One and NYC ACRE are launching the next round for 2012 - check cleanecnyc.org to find out more.

Energy $mart Communities

How can I have lower energy costs in my condo/coop/apartment? How can I switch to renewable energy? Every day Solar One’s phones ring with calls from New Yorkers looking for ways to live greener and to take advantage of the many generous State incentive programs to switch to renewable energy. Through a wide network of community partners, meetings, outreach workshops, and other events, the tireless staff of Energy Connections reached more than 29,000 people in 2011 with answers to their questions about how to save energy and money, and over 300,000 through social media and online marketing.

Whole Buildings

Weatherization retrofits of low-income buildings—like new boilers and sealing drafts—will significantly reduce energy use and greenhouse gas production, and save tenants money. The “Whole Buildings” program teaches affordable housing residents how these changes will save money through energy reduction. Whole Buildings held 18 workshops in 2011 for 232 participants. Formerly known as STEP (Solar1 Tenant Education Program), Whole Buildings was conducted as part of the federal Weatherization Assistance Program (WAP) and Weatherization Innovation Pilot Program (WIPP). We thank Community Environmental Center for its support in launching this program.

CLEAN ENERGY CONNECTIONS DEBUT SEASON STATS

- 6 Total events
- 591 In-person attendees
- 1,118 Livestream viewers
- 8,160 Article page views
- 25 National reach (states)
- 30 Global reach (countries)
- 1,197 Online views (Vimeo + Greentech Media archive)

The fourth Clean Energy Connections symposium held in its debut season, “The Energy Water Nexus,” was a featured event of Climate Week NYC 2011.
Solar 2: Green Energy, Arts & Education Center

A NEW GREEN ENERGY, ARTS & EDUCATION CENTER

When built, Solar 2 will be a space for varied programs for the public, from educational workshops and solar-powered arts, to hosting tours of the building and its clean energy systems.

Inside, exhibits on sustainability topics of local, regional and global significance will connect urban sustainability efforts. An open mechanical room will allow visitors, researchers, students, and building owners to see its geo-exchange systems. Solar 2 will serve as a green tech public square; it will enable clean tech incubators to showcase their ideas. A Green Theater will present solar-powered outdoor music, dance, and film.

Power and heat will come from a large, rooftop photovoltaic array and geothermal wells that were specially designed to work in our riverfront location. Among the many other energy-efficiency features are a green roof, a vertically-integrated greenhouse to shade the building and produce organic food, ventilation systems that maximize wind use, and windows that save energy by retaining optimal indoor temperature.

WATER RECLAMATION, SUSTAINABLE-POWER, ENERGY-EFFICIENT SYSTEMS

Solar 2 will have many dozens of sustainable engineering and design components. One special feature is a water reclamation system that will collect rainwater in rooftop tanks and use it for landscaping, plumbing, and a rain garden area. Modeling a successful water re-use system, Solar 2 will inspire the installation of similar systems in other buildings.

City Water Service  →  Rainwater  →  Water Heated by Solar Thermal  →  Drain

Black Water  →  Grey Water  →  Overflow  →  Pump  →  Filtration

Stuyvesant Cove Park
ON EAST RIVER GREENWAY

Rainwater Pond + Garden

Automatic Park Irrigation
Solar 2 is the final realization of the community vision that created Stuyvesant Cove Park—to keep the Park as a public open space and to provide environmental education programs using the Park and waterfront. Solar 2 was conceived as New York City’s first large scale, energy-positive building.
While we love our home location alongside the East River in Stuyvesant Cove Park, it was exciting to hold Revelry in the unparalleled elegance of two floors of Sotheby’s.

SOLAR ONE'S ANNUAL AWARDS GALA, REVELRY BY THE RIVER, HELD AT SOTHEBY'S AUCTION HOUSE ON JUNE 7, 2011
AWARDS

Gina Argento and Broadway Stages, Environmental Stewardship Award

A premier film and television production facility, Broadway Stages, installed New York City’s largest solar array, covering almost 50,000 square feet of Brooklyn rooftop, and also built a 6,000 square foot green roof organic farm.

Elettra Wiedemann, Young Environmentalist Award

Elettra is co-founder of One Frickin Day, a non-profit organization that asks people to donate one day of their salary towards very specific causes throughout the world and has supported solar energy development projects in the developing world.

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Margo M. Langenberg, Dinner Chair
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Thor Thors, Vice Chair
Barbara Dana Tollis, Vice Chair
Hilary Cushing Block, Event Chair
Peggy Race, Event Chair

JUNIOR CHAIRS
Katie Corrigan
Nicole Rhodes
Louise McCready
August Irene du Pont
Kathleen “Kick” Kennedy, Award Presenter

THANKS TO
all of the members of our Dinner Committee and Junior Committee and all of the guests who attended. Special thanks also go to Carole Belldora Westfall and Christine Mortimer Biddle, Biddle and Belldora Communications.

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Co-Chairs
Margo M. Langenberg and H. Hartley du Pont

Junior Committee
Co-Chairs
August du Pont, Nicole Rhodes, Katie Corrigan and Louise McCready
Solar One Board & Staff

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Shelley Berlincourt
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Ismail Ocasio, ASSISTANT DIRECTOR FOR TRAINING
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Jordan Aponte, GARDENER
Chris Fowler, PARK MAINTENANCE

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Wilnique Jean Louis
Mamadou Ndiaye
Ibrahima Sanogo
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Jeff Irvine, ENERGY $MART COMMUNITIES COORDINATOR
Jaclyn Jablkowski, ENERGY CONNECTIONS MARKETING ASSISTANT
Gary Smith, TENANT EDUCATION PROGRAM COORDINATOR

INTERNS
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Jasmine Watkins

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Abby Morse, GRANT WRITER
James Ryan, GRANT WRITER
Natasha Myles, IMPACT & EVALUATION CONSULTANT

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Angela Tran, GRAPHIC DESIGN

OPERATIONS
Helen Hooke, FISCAL MANAGER
Linda Lagomarsino, ADMINISTRATIVE ASSISTANT
Max Lerner, ADMINISTRATIVE ASSISTANT
Jamie Paquette, OPERATIONS CONSULTANT
Roberto Rodriguez, IT TECHNICIAN
Thank You for Your Support

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Thor Thors Jr & Virginia Thors
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Matthew Weidemoyer
Leslie & Daniel Ziff Foundation
Speakers & Performers

SUN TO STARS SOUTH ASIAN FESTIVAL
Narendra Budhakar
Sumona Chanda
Soumya Chatterjee
Nandini Chirimar
Prachi Dalal
Jay Gandhi
Sameer Gupta
Marika Hughes
Mohip Joarder
Sonali Mishra
Rohan Misra
Nitin Mitta
Neel Murgai
Catherine Philip
Sumika Rajguru
Shobana Ram
Arun Ramamurthy
Indrajit Roy-Chowdhury
Muhamadou Salieu Suso
Reena Shah
Gaurav Shah
Parul Shah
Prashant Shah
Garima Shitoot
Tanaya Shree
Malini Shrinivasan
Kadhambari Sridhar
Sandeep Swadia
Mark Tewarson
Rujuta Vaidya
Ammr Vandal

DANCE SITEWORK IN THE PARK: HUG
Jil Guyon
Becca Hackett
Christina King
J. C. Matsuda
Heather Meagher
Sophia Remolde
Jaclyn Shapiro
Benjamin Stuber
Julie Troost

DANCE SITEWORK IN THE PARK: HANDLELESS
Benjamin Asriel
Django Carranza
Loren Dempster
Gabriel Forestieri
Melissa Guerrero
Ted Johnson
Emily Moore

DANCE FILMS ASSOCIATION:
DANCING IN PUBLIC
Anthony Anastasio
Rebecca Brooks
Ursula Eagly
Jennifer Edwards
OK GO
Emily Wexler

SOLAR-POWERED FILM SERIES
Peter Bull,
Dirty Business
Chris Taylor,
Food Fight

SPEAKERS
Carrie Blackburn, JUST FOOD
Lyna Hinkel, 350.ORG
Mark Lowery, NYS DEPT OF ENVIRONMENTAL CONSERVATION
Annie Novak, EAGLE STREET ROOFTOP FARM

OTHER EVENTS
Harlem Renaissance Blues & Jazz Band
Jazzmobile
Legends of Jazz
Rutkowski Trio & Friends
Paul Sachs

WITH ROOFTOP FILMS
Martina Amati
Marie Ayne
Sebastien DeOliveira Bispo
Martin Brunet
Alexander Casals
David Chai
Emeline Chankamshu
Ethan Clarke
Todd Cohen
Martha Colburn
Alexandre Cuegniet
Sarah Daggar-Nickson
Dustin Guy Defa
Charles Fairbanks
Fabrice Fiteni
Michael Gagne
Mathieu Garcia
Doron Max Hagay
Giancarlo Iannotta
Gina Kamentsky
Shaka King
David Levy
Amy Lockhart
Simone Massi
Felix Massie
Craig Macneill
Jesse McLean
Johannes Stjarne Nilsson
Niko Nobrain
Jenn E. Norton
Bill Plympton
Frédéric Pruchon
Prylf
Christopher Radcliff
Edouardo Salier
Paul Serrell
Beomsik Shimbe Shim
Paul Shoebridge
Silver Swans
Michael Simons
Ola Simonsson
Kelsey Stark
Sondra Sun-Odeon
Sarah Sutter
Zachary Volker
Henning Wagenbreth
Lauri Warsta
Lauren Wolkstein
Benedi Yann
Mikhail Zheleznikov

NYC THE FUTURE METROPOLIS:
VOLUME II & VOLUME III

Kubi Ackerman, Columbia University
Maria Aiolova, Terraform ONE
Kate Boicourt, NY/NJ Harbor Estuary Program
Jackie Brookner, Artist
Amy Bucciferro, Floating Food
Susannah Drake, dlandstudio
Dawn Henning, Rocking The Boat
Rosanne Hoyem, City University of New York
Janette Kim, Columbia University
Deirdre Lizio, Pratt Center for Community Development
Miguel Martinez, Rocking The Boat
Catharine Perez, Rocking The Boat
Jeff Perlman, Bright Power
Paul Lloyd Sargent, Artist
Joseph Schaffer, Green Environmental Associates
Diallo Shabazz, Solar One Green Workforce Program
Kate Sinding, NRDC
Jaime Stein, Pratt Institute
Scott Stringer, Manhattan Borough President
Daniella Topol, WATER (or the secret life of objects)

CLEAN ENERGY CONNECTIONS

Brian Asparro, Green Charge Networks
Adam Aston, GreenBiz.com
David Bragdon, Mayor’s Office of Long-Term Planning and Sustainability
David Buckner, Solar Energy Systems
Sam Cochran, SMIT
Mark Dorfman, Biomimicry 3.8
Anatol Feygin, Loews Corporation
Christina Ficicchia, New York City and Lower Hudson Valley

Jeff Fulgham, Banyan Water
Chris Garvin, Terrapin Bright Green
Brett Gipe, Smith Electric Vehicles
Diana Glassman, World Policy Institute
Michael Gordon, Joule Assets
Sheeraz Haji, Cleantech Group
Ray Henger, OwnEnergy, Inc
Reena Jana, SmartPlanet and frog
Keith Kerman, New York City Department of Citywide Administrative Services
David Leeds, Greentech Media
Sergej Mahnovski, NYC Department of Environmental Protection
Shyam Mehta, GTM Research
Jonathan Milley, NRG Energy
John Moran, Suntech Power Holdings Co.
Rupert Posner, The Climate Group
David Pospisil, Consolidated Edison
Miriam Pye, NYSERDA
Pat Sapinsley, Good Energies and Build Efficiently, LLC
Zack Schildhom, Lux Capital Management
Mei Shibata, ThinkEco
John Shipman, Con Edison Electric Vehicle Programs
Ted Sullivan, Lux Research
Russell Tencer, Wind Products, Inc.
Katherine Tweed, Greentech Media
Frank Zammataro, Rentricity
Partner Organizations

14th Street Y
350.org
Abyssinian Development Corporation
BEAM NY
Bronx High School for Building and Construction Trades
Brooklyn Botanical Gardens Green Bridge Community Garden Alliance
Brooklyn Brewery
Buckley School
Build It Green
Building Performance Contractor’s Association
Building Performance Institute, Inc.
BuildingWorks
Bushwick Farmers’ Market
Business Outreach Center Network
Center for Architecture Foundation
Center For Urban Pedagogy
CIVITAS
Common Ground
Community Environmental Center
Community Impact
Con Edison
Consortium for Worker Education
Cooper Square Mutual Housing Association
Council of New York Coops and Condominiums
Covenant House New York
Crawfish NY
CUNY Center for Sustainable Energy
CUNY NYC Solar America Cities
Dale Grant Associates
Dance Films Association
District 79

Eagle Street Rooftop Farm
Earth Day NY
East New York Farms!
Envirolution
Environmental Defense Fund
Environmental Protection Agency
Film Society of Lincoln Center
Flatbush Caton Market
Forest Hills Tuv Ha’aretz CSA
Fourth Arts Block
Friends Seminary
George Westinghouse High School
Global Cleantech Cluster Association
Goodwill Industries
Green City Challenge
Green City Force
Green Edge Collaborative
Green Job Training Center, Howard Beach
Green Mountain Energy Company
Growing Up Green Charter School Camp
GrowNYC Office of Recycling Outreach & Education
Harlem Community Development Corporation
HBO
Helicon, Inc.
Human Resources Administration/BEGIN
Humanities Preperatory Academy
In Our Back Yards
Independent Film Project
Jazzmobile, Inc
Jewish Association for Services for the Aged
Jewish Community Center of Staten Island
Jewish Greening Fellowship
Just Food

LaGuardia High School
Land Art Generator Initiative
LIUNA (Local 10)
Loving Day
Manhattan Borough President Scott Stringer
Manhattan Chamber of Commerce
Manhattan Comprehensive Night and Day High School
Materials for the Arts
Metropolitan Waterfront Alliance
Million Trees NYC
Neighborhood Housing Services of Staten Island
New York Association of Energy Economics
New York Cares
New York Restoration Project
Nontraditional Employment for Women
Northern Manhattan Improvement Corporation
NY State Department of Environmental Conservation
NY/NJ Baykeeper
NYC Accelerator for a Clean and Renewable Economy at NYU-Poly (NYC ACRE)
NYC Beekeeping
NYC City Council
NYC Community Board 3
NYC Community Board 6
NYC Department of Citywide Administrative Services
NYC Department of Design and Construction
NYC Department of Education
NYC Department of Educations District 79
NYC Division of Postsecondary Pathways and Planning
NYC Division of School Facilities
NYC Economic Development Corporation
NYC Mayor’s Office of Long Term
Planning and Sustainability
NYC Wildflower Week
Osborne Association
Passive House
Phoenix House
Pratt Center Sustainable Houses of Worship Program
PS 226
Queens Library
Queens Vocational and Technical High School
Rooftop Films
Rubin Museum of Art
School of Cooperative Technical Education
SEEDCO
SoBRO
Sotheby’s
Staten Island Chamber of Commerce
Staten Island Economic Development Corporation
Staten Island Home Improvement Contractors
Staten Island Mental Health Society
Strive Baltimore (MD)
Strive Benton Harbor (MI)
Strive Flint (MI)
Strive Hartford (CT)
Strive Philadelphia/MCC (PA)
Strive, East Harlem
Stuyvesant Cove Park Association
Superintendent’s Technical Association of New York
Sustainable South Bronx
The Ant Farm in the City
The Brearly School
The Building Service 32BJ Thomas Shortman Training, Scholarship and Safety Fund
The Fortune Society
The Green Schools Alliance
The Israeli Consulate
The Lower East Side Ecology Center
The New Museum
The Urban Assembly School for Green Careers
Town and Gardens, Ltd
United Nations International School
Vicious Bear Productions
Weeksville Society
West Brighton Local Development Corporation
Western Queens Compost Initiative
White Roofs Project
William E. Grady High School
World Maker Faire
Young Professionals in Energy