



Navigating the...



SUSTAINABLE JERSEY **GRANTS PROGRAM**



Agenda

1. Grants Program Overview
2. PSEG Foundation
3. Groundwork Elizabeth
4. Incredible Edible
Merchantville
5. Sustainable Island Heights
6. Q&A



Sustainable Jersey

To achieve a better tomorrow, one community at a time.



- Empowers municipalities to build a better world for future generations with the tools, training, and financial incentives necessary to pursue critical sustainability initiatives
 - Free, voluntary sustainability certification program for NJ municipalities
 - Subject-specific guidance for over 150 sustainability topics
 - Technical Assistance programs
 - Annual Grants Program



91%

OF NJ POPULATION
LIVES IN A

**REGISTERED
OR CERTIFIED
COMMUNITY**



82%

OF MUNICIPALITIES
PARTICIPATING

64%

of NJ public school districts
registered with Sustainable
Jersey for Schools

SUSTAINABLE JERSEY

COLLECTIVE IMPACT



220

**MUNICIPALITIES
CERTIFIED**

69 SILVER
CERTIFIED

151 BRONZE
CERTIFIED



354

**SCHOOLS
CERTIFIED**

48 SILVER
CERTIFIED

306 BRONZE
CERTIFIED

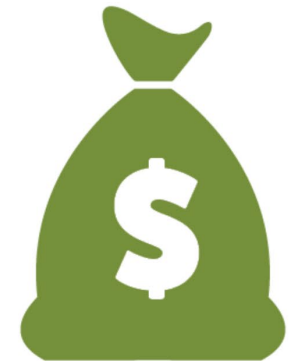
23,467



SUSTAINABILITY ACTIONS

COMPLETED by both municipalities and schools

\$7.2 MILLION



IN GRANTS FOR MUNICIPALITIES,
SCHOOLS & SCHOOL DISTRICTS

ACTIONS FOR SUSTAINABLE COMMUNITIES

To become Sustainable Jersey Certified, municipalities must complete and document actions from this list.

BRONZE Mandatory **Green Team**
2 out of 13 PRIORITY ACTIONS*
 150 points across 6 of 17 categories.

SILVER Mandatory **Green Team**
3 out of 13 PRIORITY ACTIONS*
 350 points across 8 of 17 categories.

★ **⚡** **💧** **❤️** **Certified communities can earn stars for high levels of achievement in Energy, Health and Water. The icons identify which actions can contribute towards earning a star.**

Action	Stars	Points
ARTS & CREATIVE CULTURE		
Establish a Creative Team		10
Creative Assets Inventory		10
Creative Placemaking Plan		10
Municipal Commitments to Support Arts & Creative Culture	❤️	5 to 25
Utilizing Your Creative Assets		10 to 30
BROWNFIELDS		
Brownfields Inventory & Prioritization	❤️	10 to 15
Brownfields Reuse Planning	❤️	5 to 15
Brownfields Marketing		10
Brownfields Assessment & Investigation	❤️	5 to 30
COMMUNITY PARTNERSHIP & OUTREACH		
Green Team - MANDATORY		10 to 15
Community Education & Outreach		5 to 20
Green Challenges		10
Hold a Green Fair		10 to 20
DIVERSITY & EQUITY		
Community Equity & Diversity Profile*	❤️	10 to 15
Diversity on Boards & Commissions*	❤️	10
Environmental Justice in Planning & Zoning	❤️	10
Lead Education & Outreach Programs	❤️	5 to 15
EMERGENCY MANAGEMENT & RESILIENCY		
Extreme Temperature Event Plan	❤️	10
Heat Island Assessment & Mitigation Plan	❤️	5 to 20
Community Wildfire Protection Plans		10
Firewise Community		5 to 15
Ready Set GO! Fire Company		5 to 15
Wildfire Safety Council		10
Emergency Communications Planning	❤️	15
Vulnerable Populations Identification for Emergencies	❤️	10

ENERGY		
Energy Efficiency for Municipal Facilities*		5 to 50
Energy Tracking & Management*		10 to 20
Buy Electricity from a Renewable Source		10
Municipal Onsite Solar System		5 to 45
Municipal Geothermal Energy System		10
Municipal Wind Energy System		10
Renewable Government Energy Aggregation	⚡	5 to 50
Commercial Energy Efficiency Outreach	⚡	10 to 20
Energy Assistance Outreach	⚡❤️	10 to 20
Residential Energy Efficiency Outreach	⚡❤️	10 to 20
Make Your Town Solar Friendly	⚡	15 to 30
Municipally Supported Community Solar	⚡	15 to 25
Solar Outreach	⚡	10 to 15
Wind Ordinance		10
Fleet Inventory*		10
Meet Target for Green Fleets	❤️	30
Purchase Alternative Fuel Vehicles		5 to 15
Electric Vehicle Community Outreach	⚡	10 to 15
Make Your Town Electric Vehicle Friendly	⚡❤️	15
Public Electric Vehicle Charging Infrastructure	⚡❤️	15
FOOD		
Farmland Preservation Plans	❤️	10
Community Food Pantry/Bank & Soup Kitchen	❤️	10 to 15
Community Gardens	❤️	10 to 20
Expanded Supplemental Food Programs	❤️	10 to 20
Promoting Safe Food Donation for Food Security	❤️	10
Buy Fresh By Local Programs	❤️	10
Farmers Markets	❤️	10 to 15
GREEN DESIGN		
Green Building Policy/Resolution		5
Green Building Education		5
Green Building Training		5
Green Development Checklist		10
New Construction		20
Upgrade/Retrofit-Light Pollution		10
Upgrade/Retrofit-Water Conservation		10
HEALTH & WELLNESS		
Anti-Idling Education & Enforcement Program	❤️	10
Best Practices for Local Boards of Health	❤️	5 to 10
Building Healthier Communities	❤️	5 to 25
Integrating Health Into Municipal Decision Making	❤️	10 to 25
Local Health Assessment & Action Plan	❤️	25 to 40
Safe Routes to School	❤️	10
Tobacco Free Community	❤️	5 to 25
Comprehensive Lead Strategy	❤️	10 to 15

Healthy Homes Inspection & Training	❤️	5 to 30
Lead and Housing Hazard Data-Sharing	❤️	10
Lead Blood Screening Campaign	❤️	5 to 20
Private Well Outreach & Testing	❤️💧	10 to 25
Removing Lead in Drinking Water	❤️💧	10 to 40
INNOVATIVE COMMUNITY PROJECTS		
Innovative Community Projects (up to 3)	❤️💧	10 to 30
LAND USE & TRANSPORTATION		
Sustainable Land Use Pledge*		10
Build-Out Analysis		10
Bicycle and Pedestrian Audits		5 to 10
Bicycle and/or Pedestrian Improvement Projects	❤️	10 to 35
Bicycle and/or Pedestrian Plan	❤️	10
Community Design for All Ages	❤️	5 to 25
Complete and Green Streets for All Policy	❤️	10 to 30
Effective Parking Management		10
Green Infrastructure Planning	❤️💧	5 to 20
Green Infrastructure Implementation	❤️💧	10 to 20
Enhanced Stormwater Management Control Ordinance	❤️💧	5 to 35
Green Building & Environmental Sustainability Element		10
Smart Workplaces		5 to 10
Transit-Oriented Development Supportive Zoning	❤️	20
LOCAL ECONOMIES		
Green Business Recognition Program*		10 to 20
Green Jobs/Economic Development	❤️	10
Buy Local Campaign		10
Support Local Businesses		10
NATURAL RESOURCES		
Natural Resources Inventory*	💧	20
Environmental Commission		10
Environmental Commission Site Plan Review		10
Municipal Water Story*	💧	20 to 25
Open Space Plans	❤️💧	10
Water Conservation Education Program	💧	10
Water Conservation Ordinance*	💧	20
Wildlife Interaction Plan		10
Easement Inventory & Outreach		10
Easement Inspections & Evaluations		15
Clustering Ordinance		10
Environmental Assessment Ordinance		10
Habitat Conservation Ordinance		10
Tree Protection Ordinance		10
Community Forestry Management Plan & NJUCF Accreditation	❤️💧	10 to 20
Tree Hazard Inventory		10
Tree Maintenance Programs		10
Tree Planting Programs		10

OPERATIONS & MAINTENANCE	
Green Grounds Maintenance Policy & Implementation	5 to 15
Green Purchasing Policy	5 to 10
Green Cleaning Products & Motorized Equipment	5 to 15
Recycled Copy Paper	5 to 15
Recycled Office & Restroom Paper Supplies	5 to 15
Recycled Recreation & Transportation Equipment & Materials	5 to 15
PUBLIC INFORMATION & ENGAGEMENT	
Municipal Communications Strategy	10
Improve Public Engagement in Municipal Government	❤️ 10 to 15
Improve Public Engagement in Planning and Zoning	❤️ 10 to 15
Online Municipal Public Service Systems	❤️ 10 to 15
Digitizing Public Information	10
Open Data Inventory & Management	10 to 15
SUSTAINABILITY & CLIMATE PLANNING	
Municipal Carbon Footprint*	10
Climate Action Plan	10
Community Asset Mapping	10
Community Sustainability Plan	5 to 25
WASTE MANAGEMENT	
Prescription Drug Safety & Disposal*	10
Recycling & Waste Reduction Education & Compliance*	15 to 20
Commercial & Institutional Recycling	10
Community Paper Shredding Day	5
Construction & Demolition Waste Recycling	5 to 15
Food Waste	10
Household Hazardous Waste	❤️ 5 to 15
Non-Mandated Materials Recycling	5 to 60
Recycling Depot	10
Backyard Composting Program	5
EPA WasteWise Partner	5
Grass - Cut It and Leave It Program	5
Materials Reuse Program	10
Pay-As-You-Throw Program	10
Waste Audit of Municipal Buildings or Schools	10

Please note: Sustainable Jersey actions and points may be subject to change. For the most recent official list of actions and points please visit the website at www.sustainablejersey.com.

Participants Map Search



Use the [Participating Municipalities & Approved Actions](https://sustainablejersey.com/certification/search-participating-municipalities-approved-actions) (*sustainablejersey.com/certification/search-participating-municipalities-approved-actions*) page to find examples of documentation from certified towns and connect with municipal green teams

Search by action

By Certified Action

Animals in the Community

- Animals in the Community Education
- Companion Animal Management Pledge
- Companion Animal Management Plan
- Enhanced Licensing Compliance
- Pledge Supporting NJ Wildlife Action Plan
- Wildlife Interaction Plan

View certified towns approved for that action

MUNICIPALITY	COUNTY	CERTIFICATION
Bernardsville Boro	Somerset	BRONZE
Cape May City	Cape May	SILVER
Chesterfield Twp	Burlington	BRONZE
East Brunswick Twp	Middlesex	SILVER
Hillsborough Twp	Somerset	SILVER
Oradell Boro	Bergen	SILVER
Princeton	Mercer	SILVER
Readington Twp	Hunterdon	SILVER
Sea Bright Boro	Monmouth	BRONZE

View certification report for example documentation

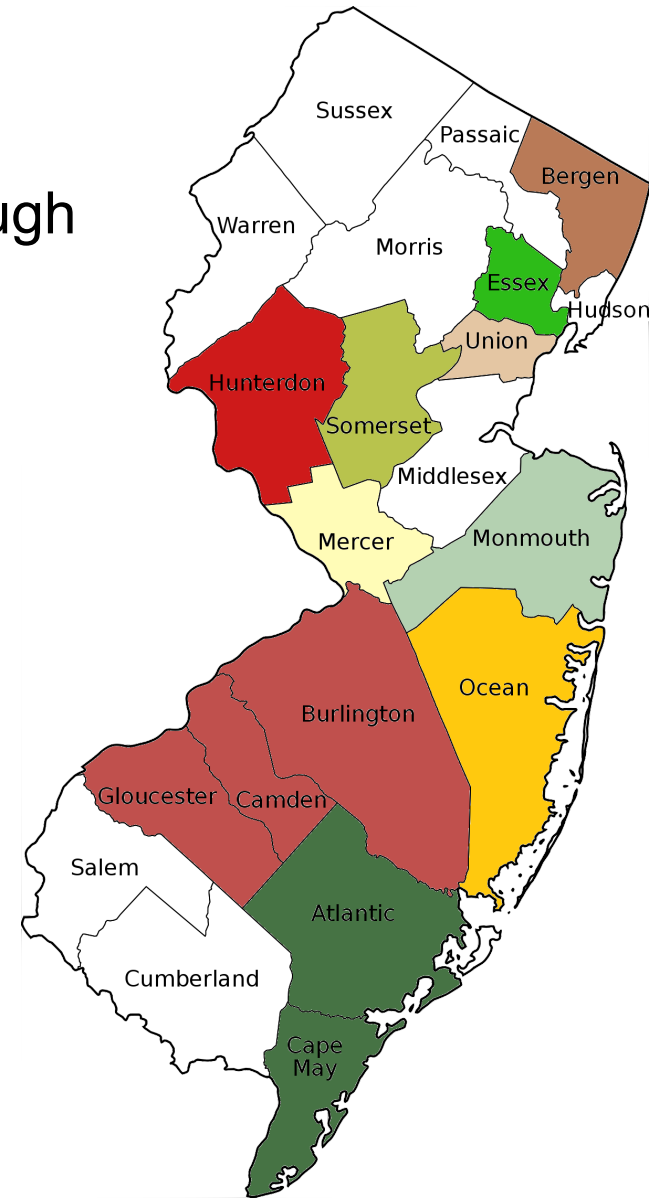
Chesterfield Twp
Certification Level: Bronze
Certified On: October 18, 2021
Total Points: 155
Certification Report: [View Report](#)
Applicant Profile: [View Profile](#)

Regional Hubs

Ten hubs around the state to help green teams build capacity through training, best practices resources and networking. Learn more sustainablejersey.com/get-involved/

Benefits

- Peer mentoring
- Project collaboration
- Online communication platform
- Network of Leaders
- Quarterly Events
- Help Peers Get Certified
- Technical assistance & administrative support from SJ





Certification

Actions

Grants

Events

Resources

Get Involved

VISIT US AT THE NJLM CONFERENCE

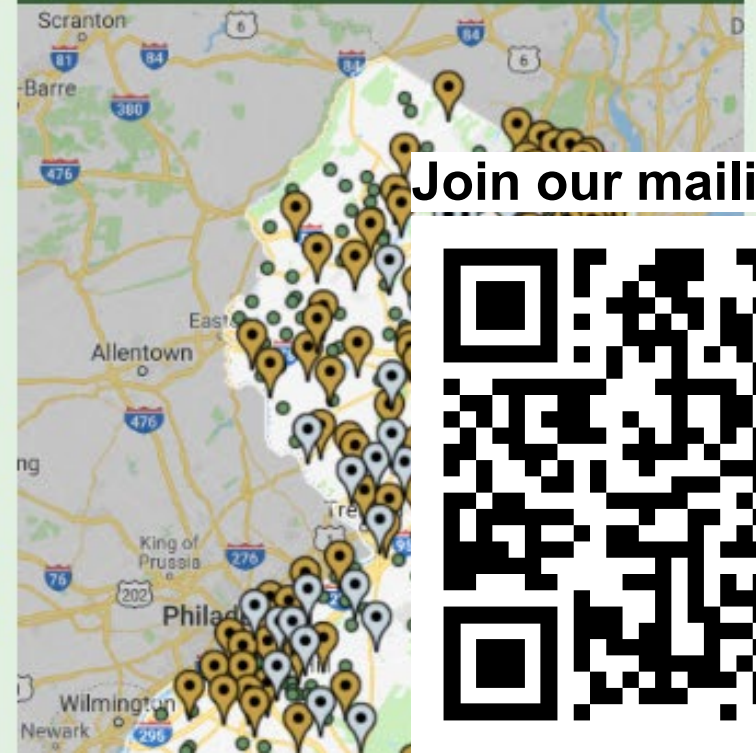


November 15-17: Stop by the Sustainable Jersey booth to chat with staff and attend our sessions

Conference registration required. [Learn more.](#)



View Municipalities and Approved Actions



Join our mailing list!



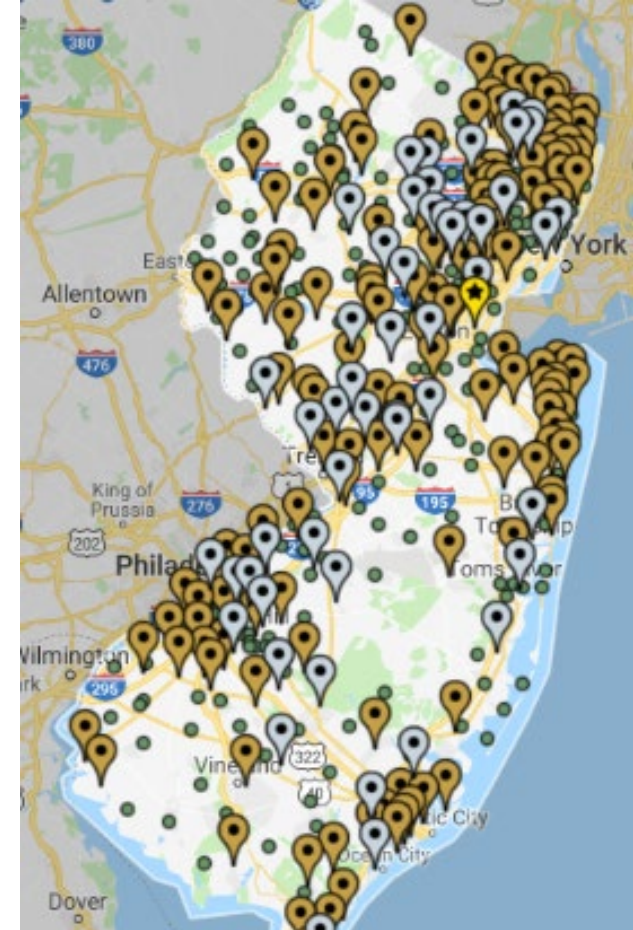
Sustainable Jersey Grants Program

- Since 2009, over \$4.2 million awarded to participating municipalities for almost 600 projects
- 277 / 464 (59.69%) registered municipalities have received at least one grant
- 50% of all grant funding is reserved for certified municipalities



Eligibility

- **New Jersey municipality that is registered in Sustainable Jersey**
 - Registration is free and easy
 - Municipalities need to pass a resolution to participate
- **With an established green team**
 - Must be formally established with municipally appointed members
 - Can designate an existing group or use your project team as a starting point



Community Partnership & Outreach

Create Green Team

10 Points

📌 Required for all certification levels

• COMPETITIVE FUNDING AVAILABLE

Participation Benefits

- Non-recipients can request a debrief call to discuss how to improve the application
- Recipients are recognized at a grant announcement event
 - Get photo taken with program sponsors
 - Press release templates provided along with the photo following the event
 - Receive check for grant award
 - Enjoy refreshments and networking opportunity with peers



Participation Benefits

- Awardees can gain good publicity for their municipality through
 - Ribbon cutting ceremonies
 - Social media posts
 - News articles
 - Representation on Sustainable Jersey conference session panels and webinars






Photo Credit: Manfred Saul





SUSTAINABLE JERSEY GRANTS PROGRAM



CYCLE SPONSOR	PROJECT TYPE	ELIGIBLE APPLICANTS	GRANT AMOUNTS	CYCLE LAUNCHED	FUNDING TO DATE
 <p>atlantic city electricSM AN EXELON COMPANY</p>	Env. Stew. and Resiliency	Munis in ACE Territory	\$2k, \$5k & \$10k	Late April	\$225,000
 <p>GARDINIER ENVIRONMENTAL FUND</p>	Energy	Public Schools & Munis	\$10k and Larger	TBD	\$1,120,000
 <p>PSEG Foundation</p>	General Sustainability	Public Schools Munis	\$2k & \$10k \$2k, \$10k & \$20k	Mid-Oct Mid-Nov	\$3,100,000

Grants Page

- More information can be found at the Sustainable Jersey website under the Grants page
 - Current opportunities
 - Grant application information
 - Grant recipient information
 - Previous recipients and projects

Thinking about Applying for Grants?

Eligibility

Use of Funding

Application Tips

Required Documentation

Online Application Portal Instructions



Standard Application Form

Grant Proposal Sections

- **All Grant Applications Include:**
 - **Project Title and Brief Description**
 - **Action Plan and Timeline**
 - **Budget Narrative**
 - **Detailed Project Budget**
- **Only Large Grant Applications Include:**
 - **Project Team**
 - **Community Engagement**
 - **Project Impact and Evaluation**

There are templates available to help you quickly and easily complete each section of the application, such as the action plan & timeline and budget sections.

Green Team Documentation

- Currently certified municipalities **DO NOT** need to provide this information
- Otherwise, we need the following green team documentation:
 - List of green team members
 - Summary of green team activities
- If a green team was recently formed, you can submit your future plans in lieu of a summary of activities



Grant Authorization Doc

- **Upload a Board Resolution in support of the grant project and application**
 - A template resolution can be found [here](#)
 - Must specify the specific SJ grants cycle you are applying in
 - Must be signed and dated
 - Can use the same resolution for grant applications within the same program year

This resolution is DIFFERENT than the resolution required to register in the Sustainable Jersey certification program OR to establish a green team.

Online Application Portal



Sustainable Jersey Grants Program Account

This grant account can be used from year to year to submit applications to be considered for funding by the Sustainable Jersey Grants Program. A municipality should use one account to submit its grant applications with. Below is more information on how to utilize your grant account.

Cycle Specific Portals

Note that this portal is specific to the **PSEG grants**-- by signing in to this portal with your grant account, you

Sign In

Email

Password



Log In

[Forgot your password?](#)

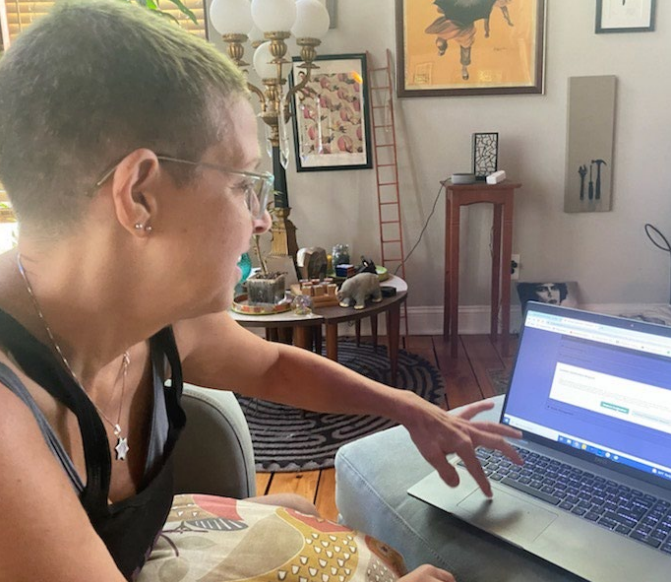
Need an Account?

Sign Up

Use of Funding

- Funding must be used for projects that could earn the municipality points in the Sustainable Jersey program
- \$2,000 grants that can also be used to support the green team's certification efforts by funding annual initiatives and promotional materials
- Eligible expenses include everything except
 - Facilities/administrative (overhead) costs
 - Reimbursement of a project that has already been completed
- If you are not sure if your project is eligible, do not hesitate to contact us to find out

NOTE: Some cycles have more specific requirements for funding usage



Home

In the Know

DOWNLOAD



FOR UPDATES SENT VIA TEXT OR EMAIL INCLUDING:

- ✓ PERSONALIZED COLLECTION CALENDARS
- ✓ EMERGENCY COLLECTION NOTIFICATIONS
- ✓ WHAT GOES WHERE LOOK-UP TOOL

VISIT

WWW.MIDDLETOWNNJ.ORG/RECYCLECOACHAPP

TO DOWNLOAD ON APPLE OR ANDROID DEVICES

ACCEPTED ITEMS:

STRIVE FOR FIVE

in Curbside Recycling Collection

CANS



Aluminum, Tin and Steel Cans (empty and rinse)

GLASS



Bottles and Jars (empty and rinse)

PLASTIC



Bottles and Containers (empty and rinse numbers 1,2,5)

PAPER



Newspapers, Magazines and Mail

CARDBOARD



Cardboard Boxes (flatten boxes)



Funding made possible by the Sustainable Jersey Grants Program and the PSEG Foundation

RUNNEMEDE GREEN TEAM

This site made possible by a grant from the PSEG Foundation

SAVE THE PLANET



FRANKLIN TOWNSHIP SENIOR CENTER

RAIN GARDEN IMPLEMENTATION PROJECT
505 DEMOTT LN, FRANKLIN TOWNSHIP
SOMERSET COUNTY, NEW JERSEY

PROJECT DESCRIPTION:

A BIOSWALE AND RAIN GARDEN ARE TO BE INSTALLED TO CAPTURE STORMWATER FROM THE BUILDING'S ROOFTOP (1,192 SF). THE BIOSWALE (115 SF) WILL CONVEY SOME OF THE STORMWATER ALONG THE NORTH EAST SIDE OF THE BUILDING TO THE RAIN GARDEN (460 SF). THIS STORMWATER WILL BE PIPED UNDER THE SIDEWALK AND DISCHARGED INTO THE RAIN GARDEN. THE EXISTING CATCH BASIN WILL BE RAISED TO ALLOW STORMWATER TO BE CAPTURED IN THE GARDEN.

LIST OF DRAWINGS:

SHEET NAME	TITLE
COVER	COVER SHEET
P-1	EXISTING CONDITIONS AND DEMOLITION PLAN
P-2	PROPOSED SITE PLAN
P-3	PLANTING PLAN
DT-1	RAIN GARDEN DETAILS
DT-2	BIOSWALE AND PLANTING DETAILS

LOCATION MAP (N.T.S):



LEGEND:

- EXISTING DRAINAGE AREA
- EDGE OF PAVEMENT
- EXISTING CENTERLINE
- EXISTING FENCE
- EXISTING TREELINE
- EXISTING TREE/SHRUB
- ▭ EXISTING BUILDING
- ⊕ EXISTING UTILITY POLE
- ⊙ EXISTING LIGHT POLE
- EXISTING CATCH BASIN
- EXISTING CONTOURS
- EXISTING SPOT ELEVATIONS
- LIMIT OF WORK
- PROPERTY LINES
- ▨ AREA TO BE DEPAVED
- ▨ PROPOSED GREEN INFRASTRUCTURE
- ▨ PROPOSED POROUS ASPHALT
- PROPOSED TREE
- PROPOSED TOP OF BERM
- PROPOSED CONTOURS
- PROPOSED SPOT ELEVATIONS

PLAN REVISIONS		
REV. DATE	REV. SUMMARY	REV. SHEETS

CHRISTOPHER C. GIBSON, P.E.
 PROFESSIONAL ENGINEER
 FRANKLIN TOWNSHIP SENIOR CENTER
 RAIN GARDEN IMPLEMENTATION PROJECT
 505 DEMOTT LN, FRANKLIN TOWNSHIP



Harrington Park Bio-swale

What exactly is a bio-swale? Typically the term refers to vegetated parking lot drainage ditches, very similar to residential rain gardens. The swale captures storm water runoff, filters out litter and other pollutants, and allows the rain water to slowly infiltrate back into the ground. By selecting all native perennial plants, these gardens are typically very low maintenance and provide many types of pollinators with sustenance.



Bioswale rendering courtesy of Rutgers Water Resources Program Green Infrastructure Guidance Manual

This project was completed by the Washington Township Green Team in fall of 2020 after being awarded a \$2,000 grant through the Sustainable Jersey Grants Program funded by the PSEG Foundation. Special thanks go out to the Washington Township DPW and Hoffman's Supply as well for all of their assistance and support with the project.



GENERAL NOTES:

- SURVEY CONDUCTED BY RUTGERS COOPERATIVE EXTENSION WATER RESOURCES PROGRAM. ALL ELEVATIONS ARE RELATIVE TO THE 100.00' BENCHMARK POINT. (OR ELEVATION DATA OBTAINED FROM (INSERT DATA SOURCE HERE, TYP NOAA DIGITAL COASTAL LIDAR). ELEVATION ARE HEIGHT ABOVE MEAN SEA LEVEL (SET BY NAVD 1988).



THANK YOU!

Cactus Charly • Maple Leaf Diner •
St. James's Gate Publihc House •
La Strada Nuova • Gian Marco
Trattoria • Pita On Essex • Miti Miti
• Ariyoshi

for participating in

Greener To-Go!

Thank you all for helping to advance sustainable take-out packaging options from the green teams of Maplewood, Millburn and South Orange, as well as Sustainable Jersey and the PSEG Foundation.



PSEG
Foundation



First of many
#recycleyourbutts

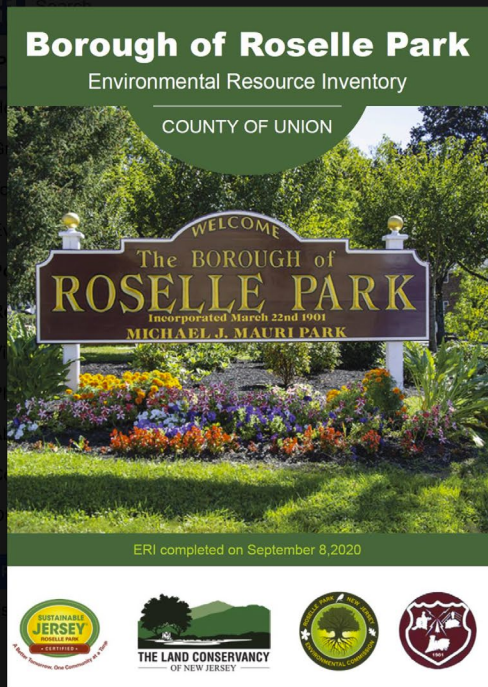


CITY OF LAMBERTVILLE
ENVIRONMENTAL COMMISSION

SUSTAINABLE BUSINESS FORUM

PREPARE FOR 2020

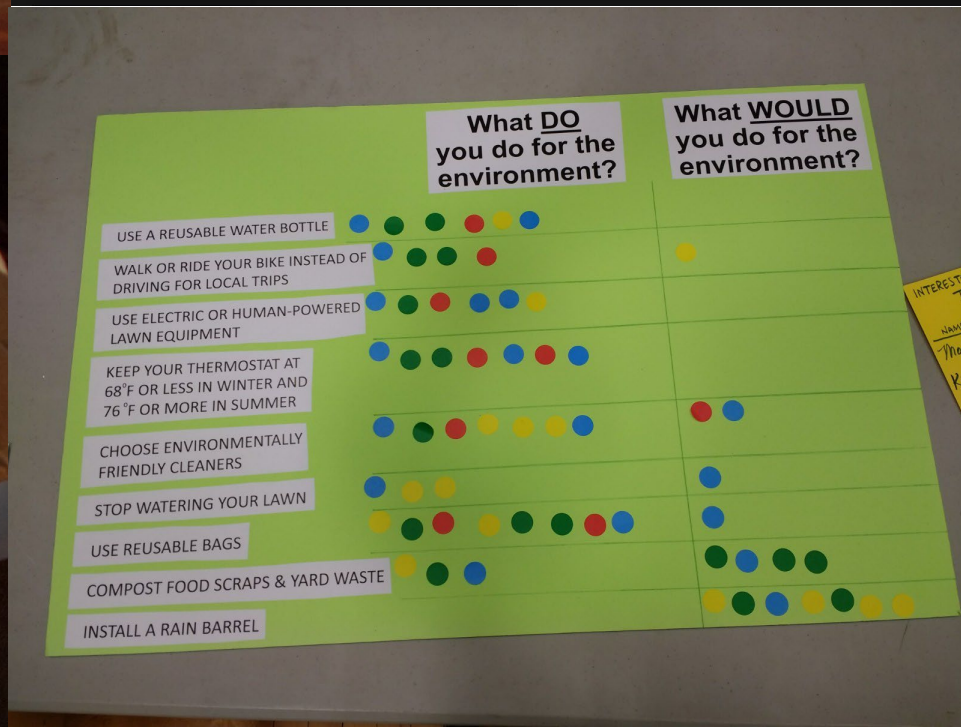
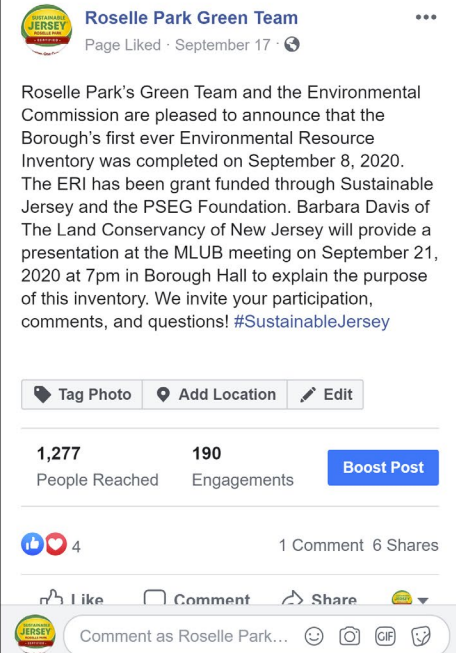




Borough of Roselle Park Environmental Resource Inventory Presentation and Public Meeting

September 21, 2020
@ 7:00 pm

Municipal Land Use Board





Bert Steinmann, Mayor



EWING EAB PARTNERSHIP presents...

An Emerald Ash Borer (EAB) Information Session

Don't wait until it is too late to save your ash trees! Come to the Ewing Green Team's February meeting to learn from the experts about the EAB threat, how it will affect your property, options for managing your ash trees, and potential solutions.

Wed, Feb 22nd at 6:30 p.m.
Ewing Senior and Community Center
999 Lower Ferry Rd, Ewing

EAB FACTS

The EAB is a non-native invasive pest that attacks our native ash trees. It will kill 99% of them. It has recently been discovered in NJ.



For more information go to ewinggreenteam.org

MONDAY, AUGUST 6, 2018

Borough of Stone Harbor

Free Event!



Water Tower Plaza | 95th St & Second Ave | 5PM-8PM

Who's Here

- Atlantic City Electric
- South Jersey Gas
- Cape May County MUA
- South Jersey Surfider Foundation
- Wetlands Institute
- Stone Harbor Police Department
- Alex's Lemonade Stand
- Go Green Committee
- Shade Tree Committee
- McMahon Agency
- Jalma Farms
- Marine Mammal Stranding Center
- NJ Water Association
- Trinity Solar
- Cape May County Library
- Clean Ocean Action



Food

- Busy Bees
- Jack's Shack
- Good Boy Biscuit and Bones
- Captain Produce
- Just Delicious Kettle Corn
- Stone Harbor Police Department
- *Alex's Lemonade Stand

Fun

- Crafts & Face Painting
- The Wetlands Institute Touch Tank
- Appearance by Scute the Turtle!
- 6:00pm Eyes of Wild Animal Show
- 7:00pm 3 R's Magic Show



Thank you to our sponsors for making this event possible!





SUSTAINABLE JERSEY GRANTS PROGRAM



PSEG
Foundation

New Funding Cycle Announced!

- \$200,000 is available to New Jersey municipalities participating in the Sustainable Jersey program
- \$2k, \$10k and \$20k grants for sustainability projects and green team support

Informational Webinar

1-2pm on
Thursday,
**December 8,
2022**

Application Deadline

By 11:59pm
on Friday,
**February 10,
2023**

Award Notifications

By **early April
2023** with an
event in **early
May 2023**

Performance Period

10k Grants:
18 months
2k Grants:
12 months

Learn More & Apply





Navigating the Sustainable Jersey Grants Program

Sustainable Jersey

Maria Spina
Manager PSEG Foundation

November 15, 2022



The PSEG Family of Companies

- PSEG
- PSE&G
- PSEG Power LLC
- PSEG Long Island

PSEG is a Fortune 500 company included in the S&P 500 Index and has been named to the [Dow Jones Sustainability Index for North America for 14 consecutive years.](#)

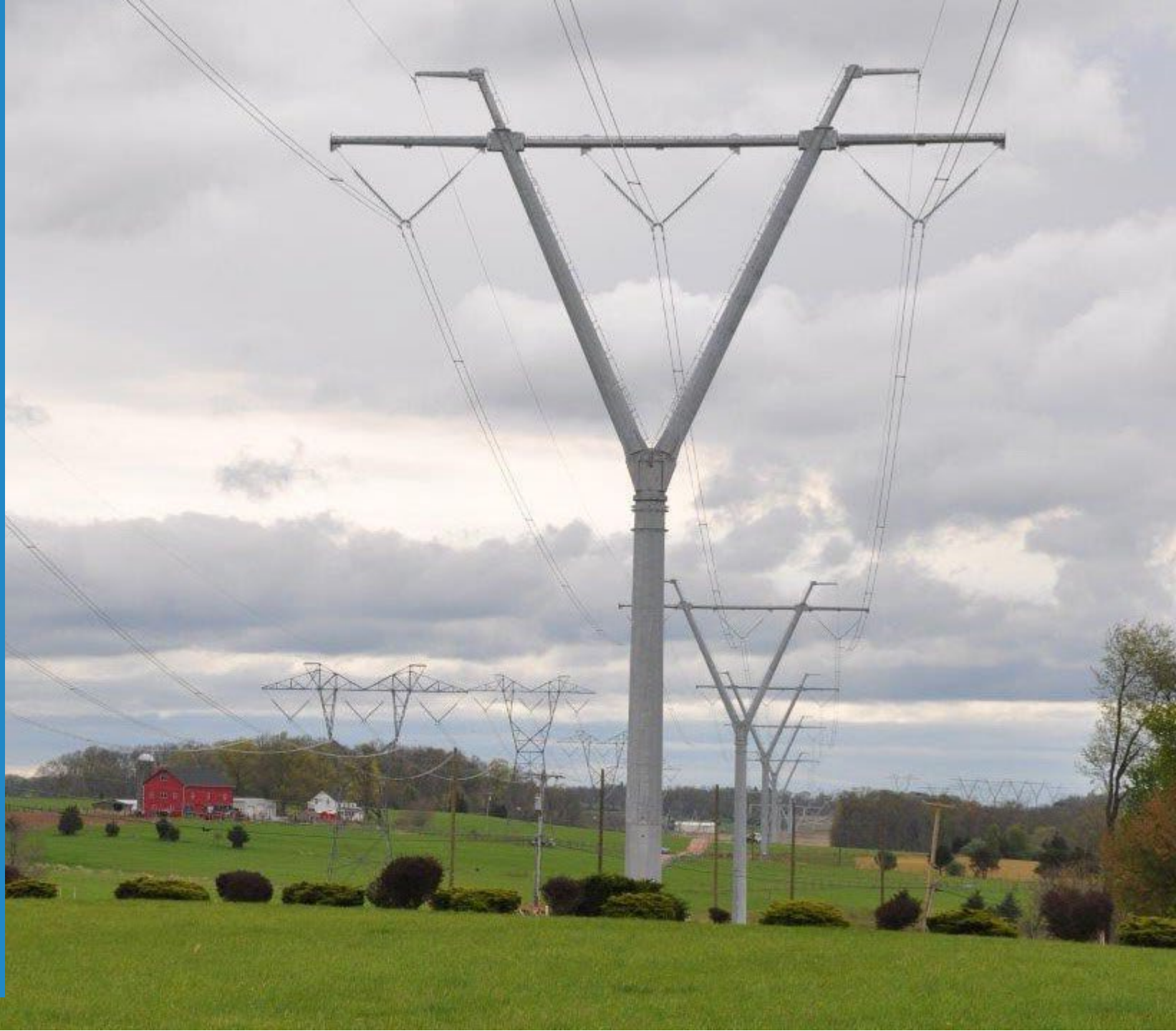
PSEG'S VISION & MISSION

Our Vision

Powering a future where people use less energy, and it's cleaner, safer and delivered more reliably than ever.

Our Mission

Be a positive force in a changing world by providing an infrastructure to access safe, affordable, reliable and cleaner energy;
Work toward a carbon-free economy;
Empower the lives of our customers, our communities, our workforce and other stakeholders;
Embrace diversity and inclusion, and promote equitable and ethical behavior.



PSEG Sustainability and ESG Summary

PSEG Leadership

- Joined the U.N.-backed Race to Zero and Business Ambition for 1.5°C campaigns
- PSE&G's Clean Energy Future programs approved to invest \$2B to decarbonize the NJ economy via Energy Efficiency, EV infrastructure, and AMI
- Accelerated PSEG's climate vision for Net Zero GHG emissions to 2030 for scopes 1 & 2
- PSEG will set and validate GHG emission targets for scopes 1, 2 and 3 using science-based targets by September 2023
- PSEG generating fleet is a Top 10 U.S. producer of carbon-free energy and is coal-free
- PSEG owns 25% of Ocean Wind 1, NJ's first Offshore Wind farm and has submitted proposed solutions into NJ's OSW transmission RFP
- ~\$1B of regulated solar investments
- [PSEG 2021 Sustainability and Climate Report](#)
- [PSEG Diversity, Equity & Inclusion Report](#)
- [PSEG ESG Performance Report](#)
- [PSEG ESG Disclosures](#)

Policies & Goals

- PSEG is a vocal advocate for an economy-wide price on carbon and preservation of our existing carbon-free nuclear generating fleet
- Committed to rigorous oversight of political contributions and transparency in disclosure
- Diversity, Equity & Inclusion Commitment
- Human Rights Policy
- LGBTQ+ Inclusion Pledge
- PSEG's long-term ESG goals and business strategy are aligned with many of the U.N.'s SDGs as indicated by the colored boxes below







Recognition & Memberships

- PSE&G won the 2022 EEI Edison Award, the electric utility industry's highest honor
- Named to the Dow Jones Sustainability Index – North America for 14 years in a row
- Highest ranked Utility on Newsweek's 2022 America's Most Responsible Companies
- PSE&G named a 2022 ENERGY STAR® Partner of the Year - Energy Efficiency Program Delivery; PSEG LI named for Sustained Excellence



Scope 1 are direct emissions from power generation, vehicle fleets and methane, SF₆ and refrigerant leaks; Scope 2 are indirect emissions from operations from purchased energy of electric and gas and line losses; Scope 3 are indirect emissions from our value chain.

Clean Energy Future programs focus on reducing customers' energy consumption

Energy Efficiency (EE)	Energy Cloud (EC) "AMI"	Electric Vehicles (EV)	Energy Storage (ES)
<p>✓ \$1B Commitment 3 years Approved Sept 2020</p>	<p>✓ \$707M* Investment 4 years Approved Jan 2021</p>	<p>✓ \$166M Investment ~6 years Approved Jan 2021</p>	<p>\$109M Investment Filed amount, outcome pending</p>
			
<p>Programs for Residential and C&I customers including low-income, multi-family, small business and local government</p>	<p>"Smart meters," new software and product solutions to improve PSE&G processes and better manage the electric grid</p>	<p>Residential Smart Charging, Level 2 Mixed-Use Charging, Public DC Fast Charging Medium/Heavy-duty vehicle investments pending</p>	<p>Solar Smoothing, Distribution Deferral, Outage Management, Microgrids, Peak Reduction for Municipal Facilities</p>

Creating clean energy jobs for under-employed and diverse NJ residents

✓ Three of the four largest CEF programs have been launched



Corporate Citizenship

Corporate Social Responsibility & PSEG Foundation





PSEG Foundation & Corporate Social Responsibility

- May 2022 PSEG Ranked No. 1 Utility in 100 Best Corporate Citizens in 2022 (No. 8 Overall on the List)
- April 2022 PSEG Foundation announces new strategic pillars
- June 2022 PSEG Foundation’s Neighborhood Partners Program
- March 2021 PSEG Foundation grants \$1 million to three HBCU’s
- 2020 – 2021 PSEG Foundation committed \$2.5 million to support medical, social and economic needs of our communities
- CIANJ – Companies That Care Award
- PSEG Foundation & PSEG volunteers KaBoom build (<https://www.youtube.com/watch?v=4Q6e2y9VJHE>)



PSEG Foundation & Sustainable Jersey

- **The PSEG Foundation underwrites funding to the Municipal Grants Program**
- **PSEG Foundation has provided \$2.9M in operating and small grants program funding for municipalities and schools**
- **Municipal small grants - \$20k, \$10k, \$2k**
- **School small grants - \$10k, \$2k**
- **464 out of 565 NJ municipalities participate - 215 certified**

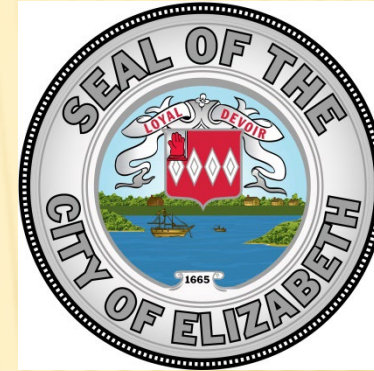


Sample Projects

- **The PSEG Foundation's support has been integral to building the SJ program and providing critical community benefits.**
- **Enabling communities to implement local projects that collectively have a significant statewide impact.**
- **Promote Environmental Stewardship**
- **Sustain and strengthen communities**
- **Create the next generation of environmentally, sustainably, and energy focused informed and concerned citizens**



GROUNDWORK
Elizabeth



SUSTAINABLE JERSEY GRANTS PROGRAM



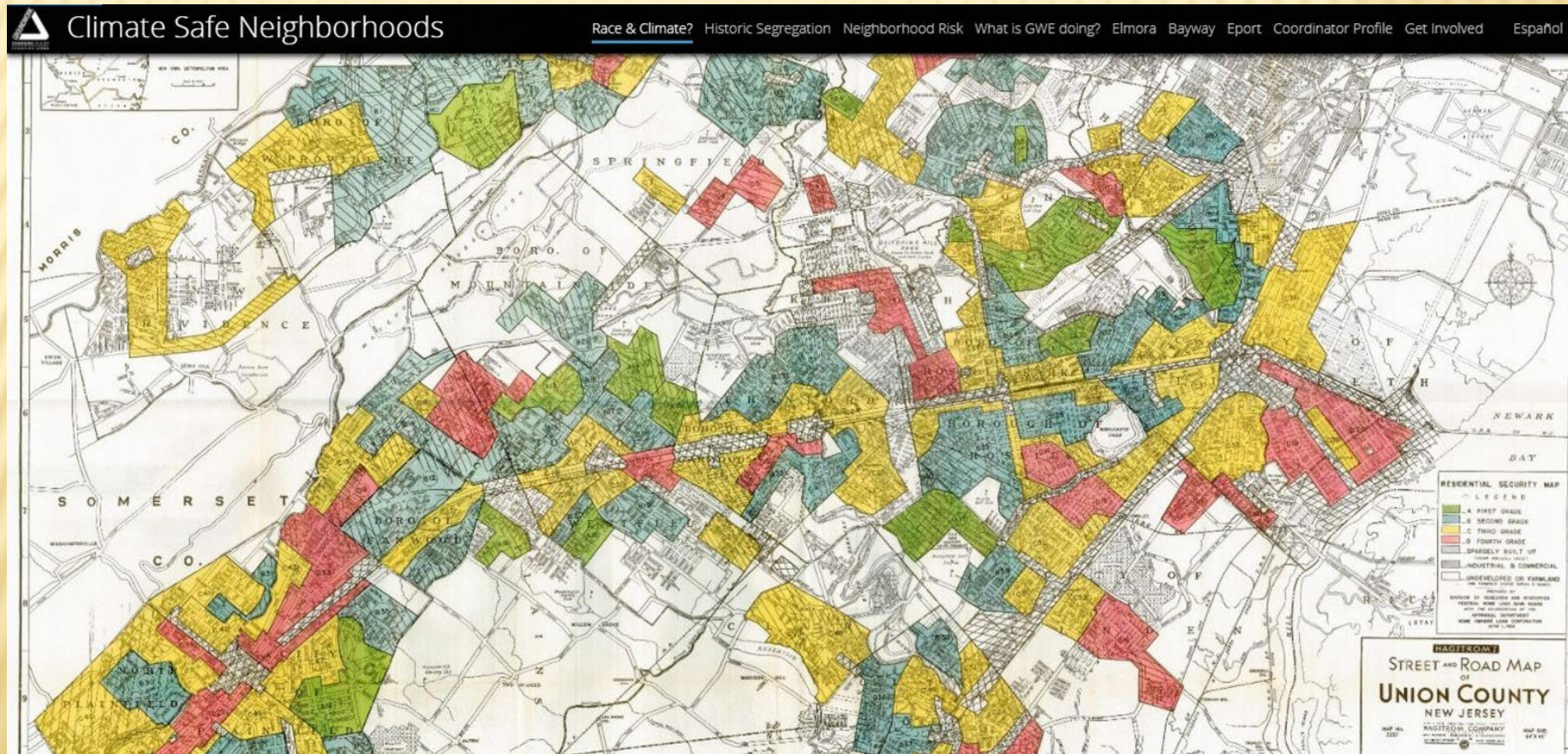
“Incorporating Green Infrastructure Demonstration Projects into the Elizabeth MicroFarm and Environmental Center”

What is **GROUNDWORK ELIZABETH**



- Part of a network of 'Trusts' located in Underserved urban communities throughout country
- Goals are to foster healthy, greener, more sustainable and equitable communities.
 - PROGRAMS
 - ✗ **Active Living & Healthy Communities**
 - ✗ **Climate Safe Elizabeth and Environmental Justice**
 - ✗ **Youth Green Team & Environmental Advocacy**
 - ✗ **Conservation and Restoration & Urban Waters & Trails**
 - ✗ **Green Infrastructure & Workforce Development**

ELIZABETH, N.J. : URBAN COMMUNITY IN NEED REDLINING IN UNDERSERVED NEIGHBORHOODS



ELIZABETH, N.J. : URBAN COMMUNITY IN NEED

- ✘ Shortage of *environmental justice* in redlined neighborhoods which lead to:
 - ✘ More flooding events
 - ✘ Heat islands
 - ✘ Poor air quality



- ✘ **NEED MORE COMMUNITY INPUT and ENGAGEMENT**

ISSUE: FLOODING AND WATER QUALITY



- Trotters Branch restoration project and streambank maintenance to improve storm water runoff and water quality
- Water quality testing with an educational component taught by our partners at NJ Fish & Wildlife is a must for all our youth programs.
- Green Infrastructure projects include downspout planters and rain garden installations.



ISSUE: AIR QUALITY AND HEAT ISLANDS



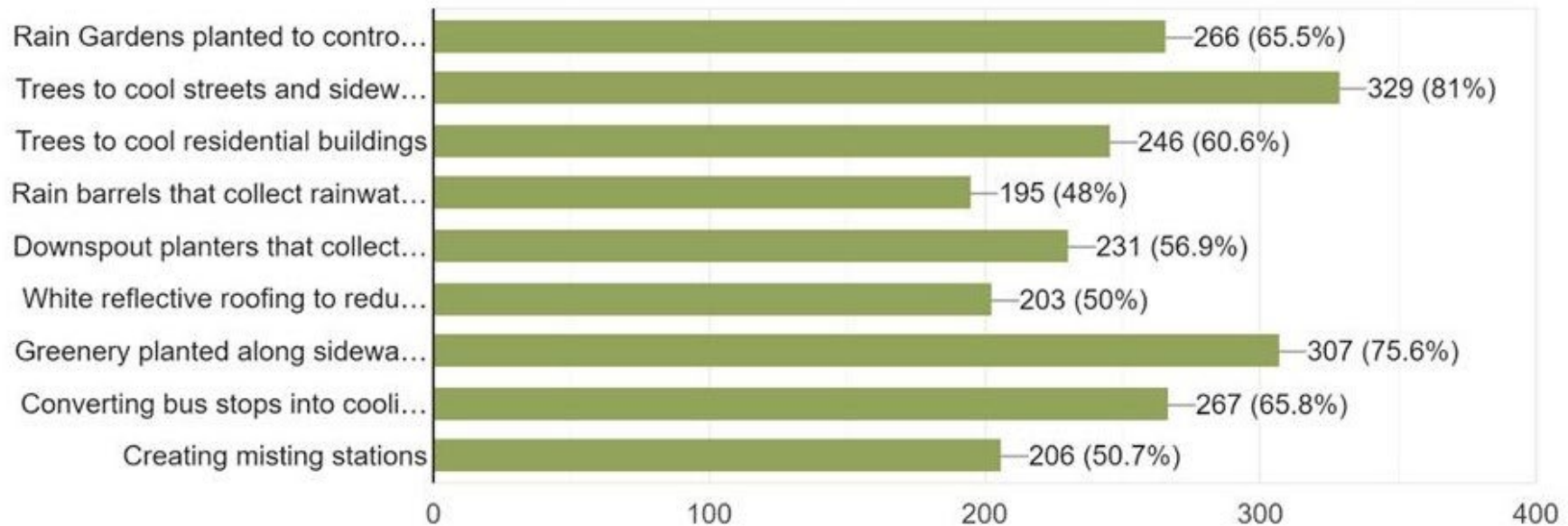
- Air quality studies are a large part of Groundwork Elizabeth and the CSN program.
- Last year we did an air study with help from Rutgers with our partners in Jersey City & Newark simultaneously to map heat islands.
- Currently we are mapping air quality along the port and our Climate Safe Task Force, mostly Elizabeth youth will present findings to the community to advocate for policy change.



OUR COMMUNITY, WEIGHING IN....

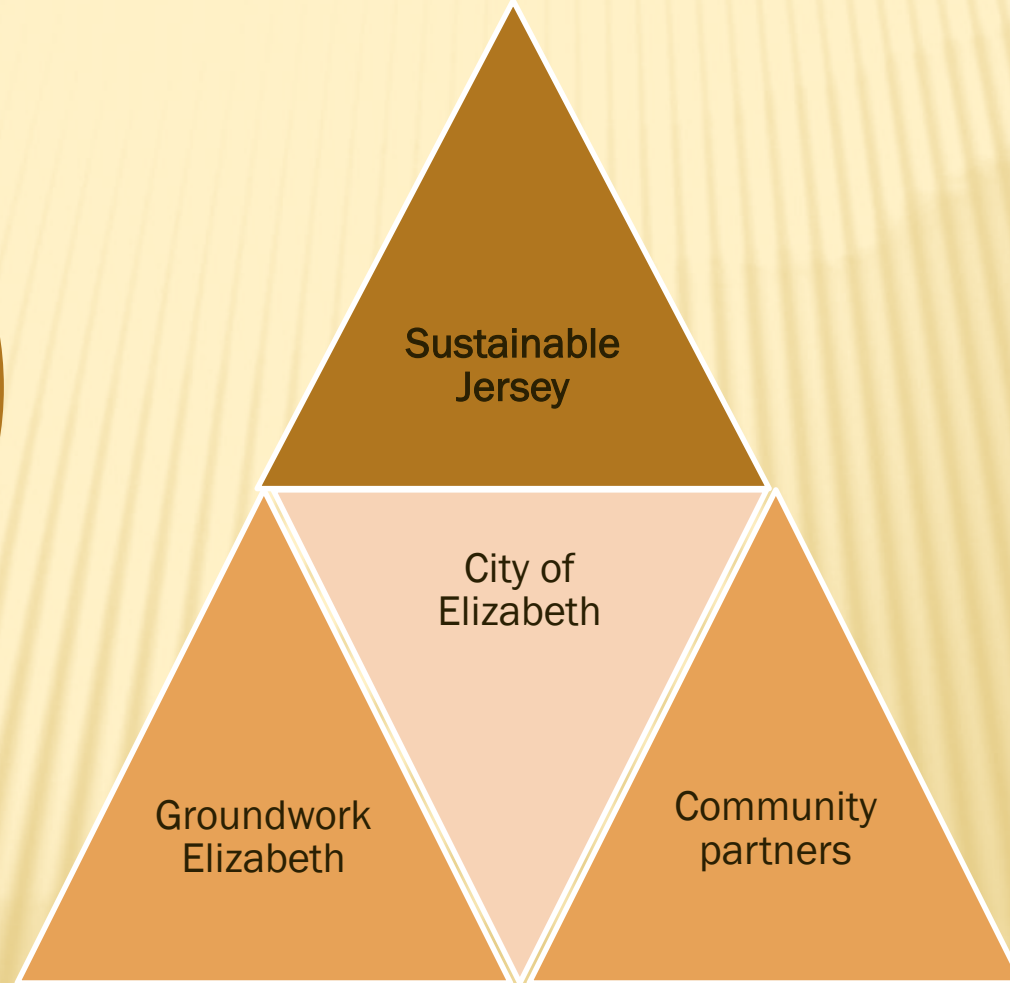
If the city were to build projects that could cool or dry your neighborhood, which of the following would you like to see? (check all that apply)

406 responses

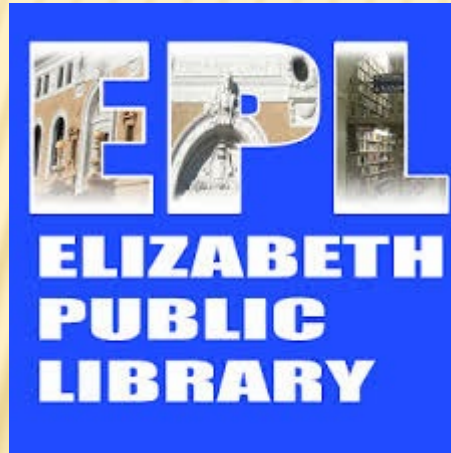


SO HOW DO WE MAKE AN IMPACT?

It's all
about
working
together



WHO WERE OUR PARTNERS?



WHAT DID WE DO FOR THE \$20,000 GRANT

- ✘ In partnership with local environmental non-profit, Groundwork Elizabeth, the City of Elizabeth implemented five (5) Green Infrastructure Demonstration Projects at the Groundwork Elizabeth MicroFarm
 1. four rain barrels,
 2. a 10' x 20" rain garden,
 3. downspout planters, an appropriately sized 278 gallon cistern, and
 4. a green roof.
 5. Signage
 6. Community and youth inclusion

CISTERN



RAIN GARDEN



GREEN ROOF



SIGNAGE



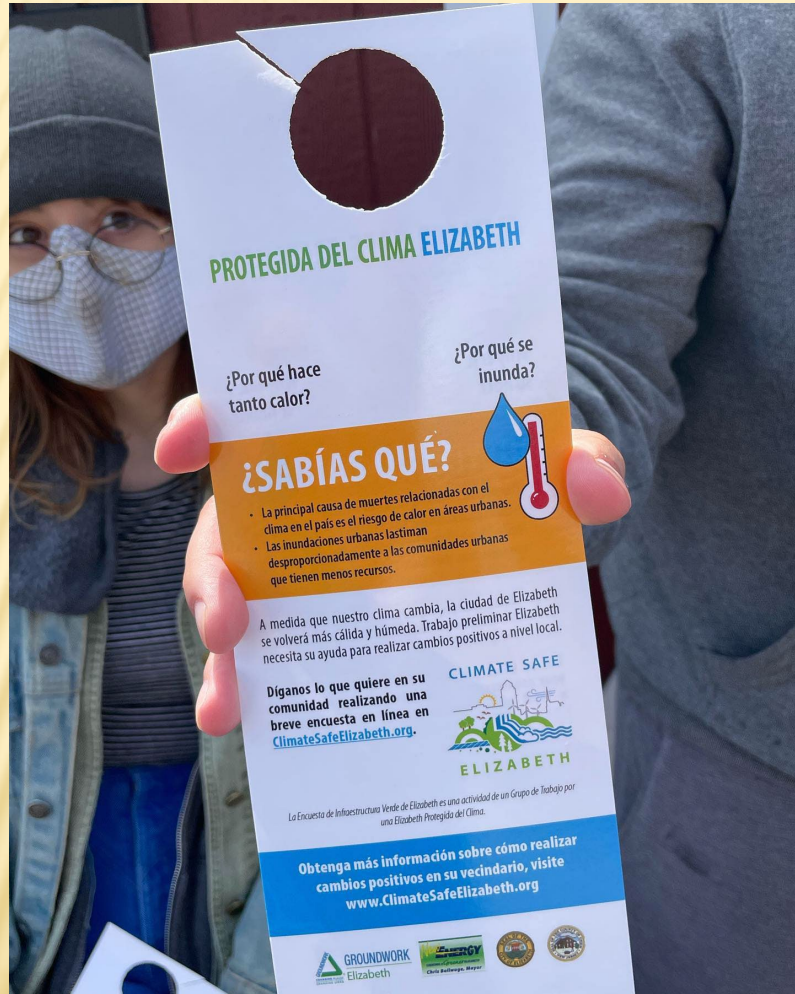
MAYOR'S YOUTH COUNCIL



The Mayor's Youth Council is a youth led initiative where the youth from Elizabeth meet monthly with Mayor Chris Bollwage to discuss their ideas for environmental changes within the city. Last year with the Mayor's help the Mayor's Youth Council has over 500 trees planted throughout the city. Lately the focus is on clean air and policy changes and a reduction in Pm 2.5 particulate matter.



YOUTH PARTICIPATION. OUR NEXT GENERATION



YOUTH PARTICIPATION, OUR NEXT GENERATION



YOUTH PARTICIPATION, OUR NEXT GENERATION

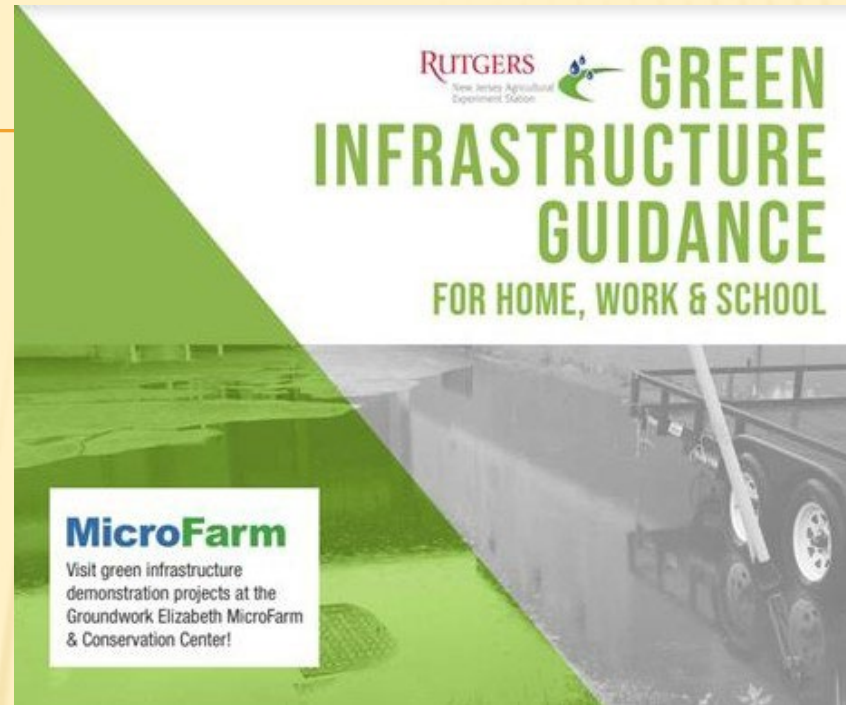


NOTES OF WHAT WE DID..... WHY US?



- The Rain Garden was built adjacent to the Library parking lot and immediately relieved chronic flooding issues.
- Interpretive signage informed the MicroFarm visitors as they navigate the site and experienced the Green Infrastructure Demonstration projects.
- Visitors now understand the role of Green Infrastructure in stormwater management and how it reduces flooding and other important environmental, social, and economic benefits.

ADDED BENEFITS



- ✘ The Groundwork Elizabeth Green Team (youth ages 14-24) received site specific training and facilitated the installations.
- ✘ A Guide to Stormwater Management for the Home, School or Office (brochure and door hang) were completed and were distributed to visitors and residents nearby to the Groundwork Elizabeth MicroFarm.

NEXT STEPS TO CONTROLLING FLOODING: THE MICRO FOREST

Groundwork Elizabeth in partnership with the NJ Conservation Foundation built the first MicroForest in NJ. We plan on building 3-4 more over the next year.



URBAN MICRO FORESTS

CLIMATE CHANGE MITIGATION & BIODIVERSITY RESTORATION

Around the world, there's a growing movement to create tiny forests in cities to improve their livability and help fight climate change. The idea is simple – take brownfield sites, amend the soil, plant them densely with a wide variety of native seedlings, and let them grow with minimal intervention. The result is complex ecosystems that grow quickly and are perfectly suited to local conditions. Micro forests do most of the things large forests do: absorb carbon from the air, soak up storm water, provide habitat for wildlife, cool the air in summer and they can also help muffle city noise. As the nation's most urbanized state, New Jersey has many places just perfect for tiny forests.

FUNCTIONAL BENEFITS OF URBAN FORESTS

- **Carbon Sequestration:** Trees reduce the carbon in the atmosphere by sequestering it in new growth every year. The amount of carbon annually sequestered increases with the size, age, and health of the trees. Carbon storage has attracted significant attention due to climate change.
- **Oxygen Production:** Oxygen is needed by all humans and wildlife and is one of the most commonly cited benefits of urban trees.
- **Climate Management:** Urban vegetation provides direct and indirect benefits. While providing shade, trees also undergo the process of evapotranspiration which regulates heat and cools the air.
- **Air Pollution Removal:** Air quality is improved by reducing air temperature, directly removing pollutants from the air through tree leaves and offsetting carbon dioxide emissions (reducing energy consumption in buildings consequently reduces air pollutant emissions from the power sources).
- **Stormwater Management:** Surface stormwater runoff can cause concern in many urban areas as it can contribute to the pollution streams, wetlands, rivers, lakes, and oceans.
- **Energy Savings:** Trees reduce building energy use in warm months and allow warmth from sunlight in winter while protecting from wind.

URBAN MICRO FORESTS GROW

10 TIMES FASTER

10 TIMES MORE BIODIVERSITY

10 TIMES DENSER

FOSTERING ECOSYSTEM SERVICES

Urban micro forests provide valuable ecosystem services, such as air pollution removal, carbon storage, oxygen production, and stormwater runoff prevention. The species, size and distribution of the trees are significant factors that determine the present and future supply of ecosystem services.

Considerable attention is needed when selecting plants for forest establishment, protection, and management in order to meet current and future demands on the ecosystem services as the need to mitigate climate change increases in densely populated city centers.

