

2019 Sustainable Jersey Program Update

Sustainable Jersey Staff

What is Sustainability?

Sustainability is most often defined as meeting the needs of the present without. compromising the ability of future generations to meet theirs. It has three main pillars: social, economic, and environmental.

Sustainable Jersey: A Framework for Action

 Coordinates priorities, resources, and policy among public and private state and local actors

 Develops tools, resources, and guidance to make progress

Provides access to grants and assistance

Recognizes accomplishments



Why Get Involved?

- Facing real issues that must be addressed at the local level
- Why reinvent the wheel?
- Channels the energy of citizens who want action
- Shared learning

Waste

Municipal Challenges

- Recycling market crisis rising recycling costs
- Waste/recycling stream contamination
- Statewide movement toward single-use plastic fees/bans



Waste

Innovative Solutions

- Materials Reuse
- Non-Mandated Materials
- Recycling and Waste Reduction Education and Enforcement Compliance
- Single-Use Plastics Ban











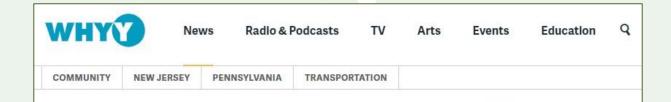
WEDNESDAY, NOV. 20, 2:00PM - 3:40PM

Mayor Tony Perry, Middletown Township
Gary Sondermeyer, Bayshore Recycling
Rachel Barton, Burlington County
John Stanton & Fred Petrone, Atlantic Coast Fibers LLC
Eric Jensen, East Brunswick Township
Amy Sarrinikolaou & Lory A. Hubbard, Middletown Township

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Slide 7

Put people from same town on one line Renee Haider, 11/18/2019 RH2

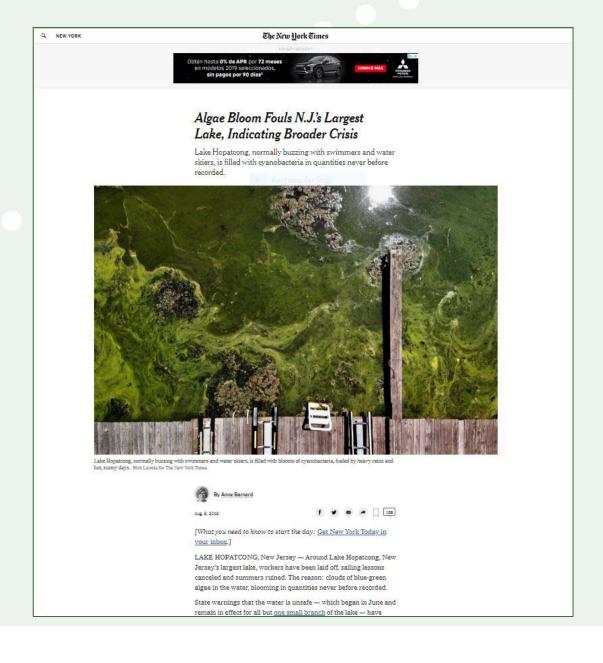


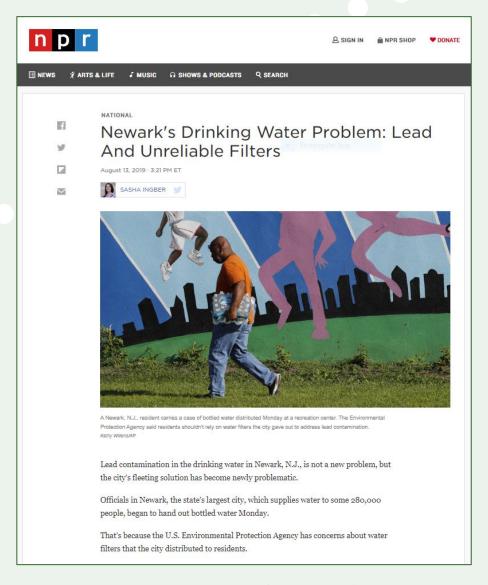
Severe weather spurs flooding, disrupts rail service in Pa., N.J.

By WHYY Staff, Associated Press · June 20, 2019

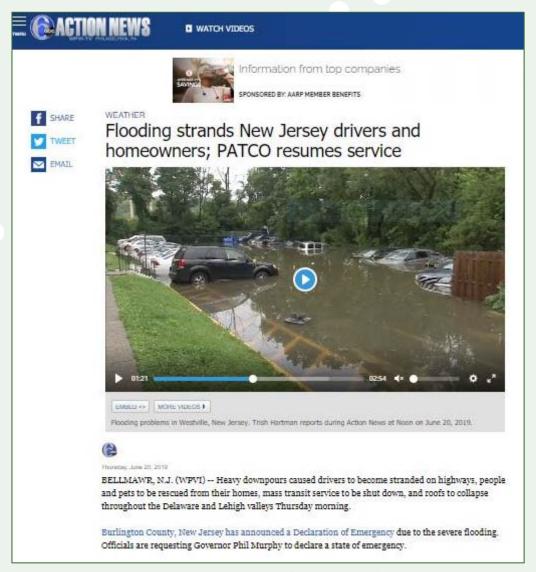


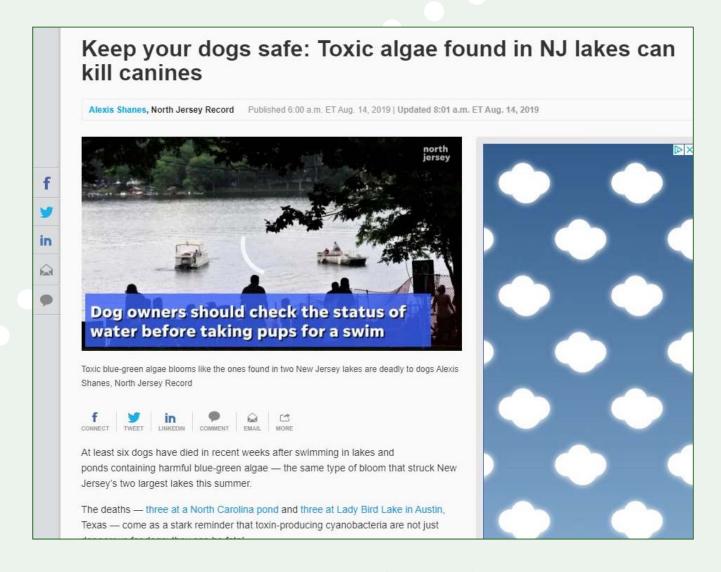
[O] Children on bicycles check out the flooding on High Street in Westville, N.J. (Emma Lee/WHYY)



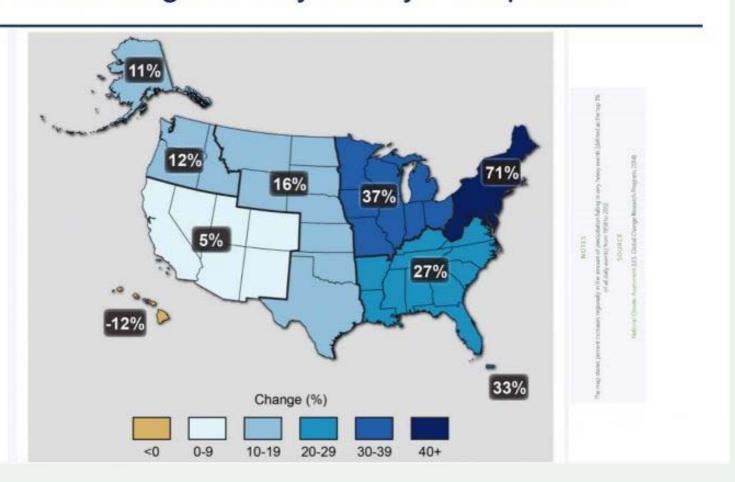


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Observed Change in Very Heavy Precipitation



Solutions

The Gold Star Standard in Water takes a holistic approach, which includes:

"all water has value and should be managed in a sustainable, inclusive, integrated way" - US Water Alliance on One Water Approach





Gold Star Standard in Water

Threats to water from land and Actions to address them





Mayor Jaclyn Veasey, Evesham Township Anne Heasly, Sustainable Jersey Kristi MacDonald, Raritan Headwaters Louis Wilson, New Jersey Future Jaclyn Rhoads, Pinelands Preservation

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Impacts of Climate Change

Health

- Extreme weather
- Insects/disease
- Air quality issues

Environmental

- Flood events
- Evacuation of vulnerable populations
- Agriculture production

Economic

- Business disruption
- Recovery and rebuilding
- Insurance costs



Preparing for Climate Change

Climate Adaptation

Reduce risk

- Heat Island Assessment
- Extreme Temperature Event Plan
- Green Infrastructure Planning
- Flood Risk Assessment
- Coastal Vulnerability Assessment

Climate Mitigation

Reduce GHG emissions

- Energy efficiency
- Renewable energy
- Alternative fuel vehicles
- Land-use planning

Energy Efficiency



TOWNSHIP OF WYCKOFF MEMORIAL TOWN HALL - 340 FRANKLIN AVENUE WYCKOFF, NEW JERSEY 07481-1907 TEL: 201-891-7000 Fax: 201-891-9359

The Wyckoff Environmental Commission/Wyckoff Green Team and the Wyckoff Chamber of Commerce are The Wyckoff Environmental Commission/Wyckoff Green Team and the Wyckoff Chamber of Commerce are teaching out to make you aware of a State of New Jersey program (offered by the NJ Board of Public Utilities reaching out to make you aware of a State of New Jersey program (offered by the NJ Board of Public Utilities (NJBPU) in partnership with Sustainable Jersey) that provides hands on assistance to help reduce your energy [NIGPU] IN PARTNETS HIP WITH SUSTAINABLE JETSEY] THAT PROVIDES HANDS-OR ASSISTANCE TO REIP REDUCE!
bills and save money on your bottom line while helping to create a cleaner, healthler community.

This state program will pay up to 70% of the cost of energy savings upgrades to your building and can be This state program will pay up to 70% or the cost of energy savings upgrades to your building and can be completed in as little as 90 days. The program, called **DIRECT INSTALL**, begins with an initial FREE, absolutely completed in as little as 30 days. The program, called **UNECT INSTALL**, begins with an unusual FREE, austic no-obligation energy assessment or your building. Unce completed, the payback period on your linitial investment can be as short as one year... while the energy and cost savings you will enjoy can last up to 15

years.

The Township of Wyckoff has previously utilized this effective program and we were able to improve energy

The Township of Wyckott has previously utilized this effective program and we were able to improve energy efficiency in our municipal buildings at a fraction of total costs of the improvements we would normally have etriciency in our municipal buildings at a fraction of total costs of the improvements we would normally the expended without the "NJ DIRECT INSTALL PROGRAM." Businesses can enjoy the same benefits to their expended without the **"NU DIRECT INSTALL PROGRAM."** Businesses can enjoy the same benefits to the bottom line, and recoup the savings in their energy bills to make their businesses more competitive. aur local NJ Direct Install Contractor (established by the NJBPU after of our Bergen County Coordinator to help guide you

we can help you start to save money and energy right am, please visit: http://nicleanenergy.com/commerical-

New Jersey's Clean Energy Program (NJCEP) Incentives

- Municipal facilities
- Businesses/non-profits
- Residents



Make Your Town Solar Friendly

- Expand access to clean energy
- Energy savings
- Local energy generation
- Local job creation
- Community pride

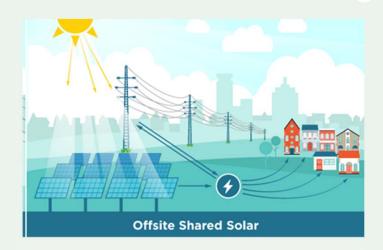
Solsmart Silver designation qualifies for this action

Zoning Ordinance

Permitting Fees

First Responder Training

What is Community Solar?







Images: www.nrel.gov/docs/fy11osti/49930.pdf www.energy.gov/eere/solar/community-and-shared-solar

Municipal Roles in Community Solar

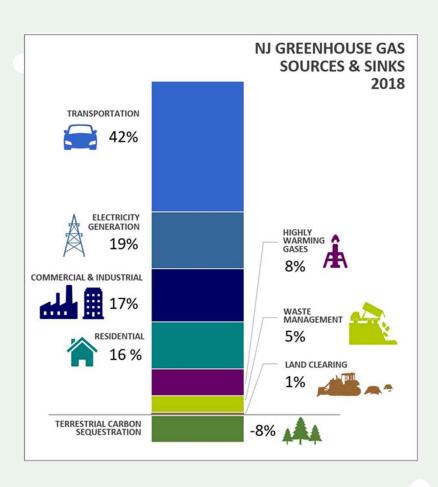


- Educating potential subscribers
- Engaging the community
- Municipality as:
 - Anchor subscriber
 - Site host (lease payment for rooftop/parking lot)
- Zoning
- Permitting



Creating the Electric Vehicle Revolution

- Improve local air quality
- Reduce GHG emissions
- Reduce operations and maintenance costs



Make Your Town EV Friendly

- Public EV charging infrastructure
- Zoning: EV charging stations as accessory use
- Outreach activities







Fleet Inventory

Purchase
 Alternative Fuel







Preparing for Climate Change

WEDNESDAY, NOV. 20, 10:45AM - 12:00PM

Mayor Ravinder Bhalla, Hoboken City
Nathaly Agosto Filión, City of Newark
Robert Gregory, Princeton Township
Walter Lane, Somerset County
Kelly Mooij, NJ Board of Public Utilities
Christine Symington, Sustainable Princeton





Creating the Electric Vehicle Revolution

THURSDAY, NOV. 21, 2:00PM – 3:40PM

Mayor Vic DeLuca, Maplewood Township
Chuck Feinberg, NJ Clean Cities Coalition
Andrea Friedman, NJDEP
Kate Lawrence, Jersey City
Jeffrey Perlman, NJTPA
Christine Sadovy, New Jersey Board of Public Utilities



Healthy – Sustainable – Equitable

A community cannot be sustainable if it is not healthy.

- Healthy environment: clean air, water, green spaces
- Safe neighborhoods, walking routes & places to recreate
- Inclusive social networks & local democracy
- Capacity to work together to solve problems



Social and environmental ("upstream") determinants of health.

Municipalities are on the front lines facing public health issues



Local Public Health Issues Upstream Determinants

- Aging water and stormwater infrastructure
 - Lead in service lines and plumbing
 - Combined sewers unsanitary overflows
- Lead paint and other contaminants in homes
- Sub-standard, unaffordable housing & homelessness

Local Public Health Issues Upstream Determinants

- Brownfields, toxic waste and soils
- Mental health and substance abuse
 - Opioid crisis; suicides
- Extreme weather
 - Heat events
 - More rain and severe storms
 - Emergency management challenges

Certain neighborhoods face disproportionate environmental burdens and lack access to environmental goods (green space, healthy food)



This is a question of Environmental (in)justice

In NJ, your **zip code** is a better predictor of your **life expectancy** than your genetic code

Your **race** also predicts your life expectancy and health.

#CloseHealthGaps

Short Distances to Large Gaps in Health









Sustainable Jersey Responds...

Goals of the **Gold Star Standard in Health*** (under development)

Improve social and environmental determinants

- Improve health equity
- Build a culture of health in municipalities



* Supported by Robert Wood Johnson Foundation

Sustainable Jersey Responds...

Actions to improve health in your municipality:

- Health in All Policies
 Professional
 Development
- Building Healthier
 Communities



Sustainable Jersey Responds...

Actions that directly address health disparities:

- Environment Justice in Planning and Zoning
- Brownfields Actions
- Stormwater Management (Water Gold)
- Lead in Drinking Water
- Emergency Communications for Vulnerable Populations
- Complete Streets



Revving up New Jersey's Complete & Green Streets for All

THURSDAY, NOV. 21, 9:00AM - 10:40AM

Mayor Anthony Talerico, Eatontown Borough
Elise Bremer-Nei, AICP/PP, NJDOT
Janna Chernetz, Esq., Tri-State Transportation Campaign
Leigh Ann Von Hagen, AICP/PP, and Charles Brown, MPA, Rutgers University
Douglas J. Greenfeld, AICP/PP, NJTPA

Nancy Blackwood, Red Bank



Sustainable Jersey Equity Initiative

- Screen all actions for equity impact
- Use of equity screen for new actions
- Comprehensive equity framework
 - Distribution (dividing 'pie')
 - Scale (downstream effects)
 - Participation (inclusive role in decisions)

Public Engagement

- Decline in civic participation
- Trust in government is low
- Significant challenges continue to plague communities
- Technology is everywhere



Why Should Local Governments Care?

- ✓ Convenience
- ✓ Increased trust
- More informed and engaged citizens

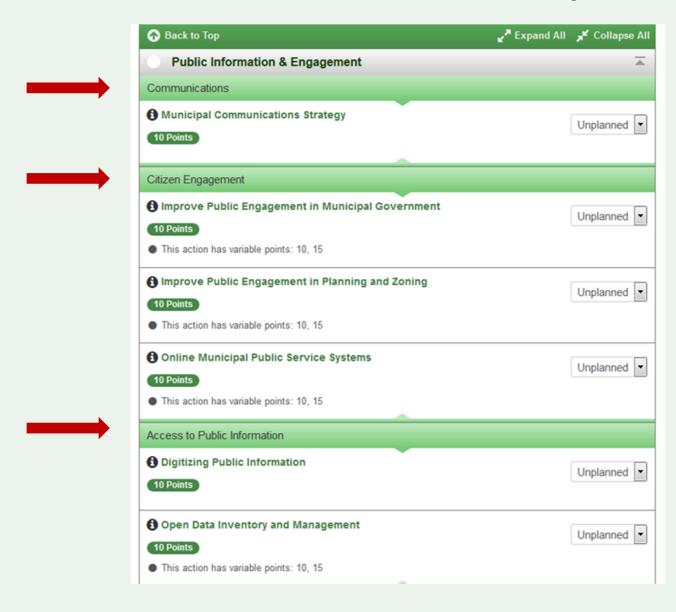


Why Should Local Governments Care?

- ✓ Cost savings
- ✓ Efficiencies



How Can Sustainable Jersey Help?





Sustaining Public Engagement Through Technology

THURSDAY, NOV. 21, 10:45AM - 12:00PM

Mayor Nora Radest, Summit City Lauren Skowronski, Sustainable Jersey Steve Neale, Verona Township Brian Platt, Jersey City Jennifer Godzeno, Participatory Budgeting Project



SUSTAINABLE SUSTAI

COLLECTIVE

89%

OF NJ POPULATION LIVES IN A

REGISTERED OR CERTIFIED COMMUNITY



80%

OF MUNICIPALITIES PARTICIPATING

58%

of NJ public school districts registered with Sustainable Jersey for Schools





211

50 SILVER ERTIFIED

MUNICIPALITIES CERTIFIED

> 161 BRONZE CERTIFIED



241

SILVER CERTIFIED SCHOOLS CERTIFIED

223 BRONZE



SUSTAINABILITY ACTIONS
COMPLETED by both municipalities and schools





IN GRANTS FOR MUNICIPALITIES, SCHOOLS & SCHOOL DISTRICTS

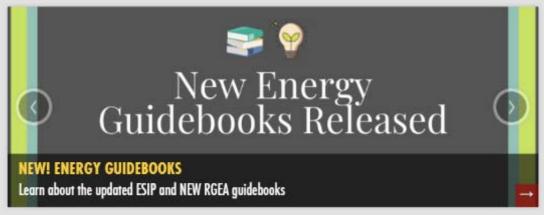
Sustainable Jersey at Your Service

- Detailed guidance and case studies
- Grants
- Technical Assistance
- Training
- 9 Active Regional Hubs

2,800 **Actions Approved 124 Grants Awarded 70 Trainings Provided**

✓ Sign-up for our mailing to receive program updates





ABOUT SUSTAINABLE JERSEY

We are celebrating our 10th Anniversary with a year-long program that will include special events to educate and



engage the Sustainable Jersey community as we celebrate how far we have come and look into the future

PARTICIPATING COMMUNITIES

View the map of Sustainable Jersey communities. Search the completed actions database and sort by county, actions and certification status! View

Now →

Or download the poster here.

HEADLINES



82 Towns Earn Sustainable Jersey Certification in 2019

NOV 12, 2019



ChargEV Coalition to Electrify 2019 NJ Sustainability Summit

JUN 13, 2019

UPCOMING EVENTS



Sustainable Jersey Annual Luncheon

Sheraton Hotel, The Crown Ballroom, 2nd Floor NOV 19, 2019 - 12:00 PM TO 01:45 PM



Residential Energy Efficiency Outreach Campaigns: A Guide for Municipalities and Green Teams Webinar Online

DEC 04, 2019 - 01:00 PM TO

Actions

Household Hazardous Waste 5 Points 10 Points 15 Points

Why is it important?

Who should lead and be involved with this action?

Timeframe

Project costs and resource needs

What to do, and how to do it ("How to")

What to submit to earn points for this action

Gold Star Standard

Spotlight: What NJ municipalities are doing

Resources





Download PDF Version

Updated May 2018

Updates include new spotlights

This action will recognize municipalities that create permanent household hazardous waste (HHW) collection programs for two or more materials. Listed below are the most common materials collected:

- · Anti-Freeze
- Batteries
- Consumer Electronics
- Fluorescent Light Bulbs
- Paint
- · Pesticides and Herbicides
- Used Motor Oil

Lists of other items considered household hazardous waste are available here. Please note that prescription drugs are not covered under this action. See the Prescription Drug Safety and Disposal action to learn how to earn 10 points for a municipal prescription drug collection program.

To earn 5 points, a municipality must have collection programs in place for two designated household hazardous materials. An additional 5 points each can be earned for up to two

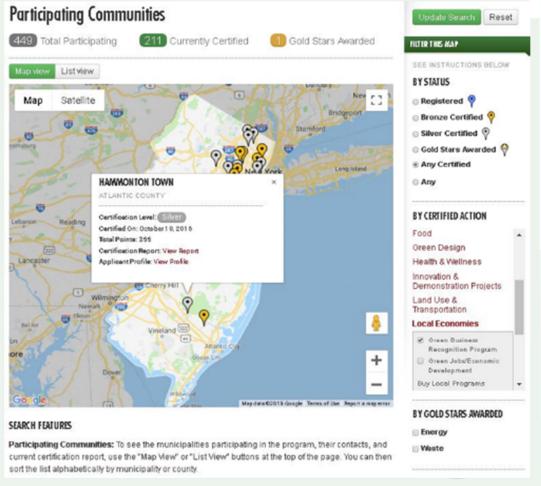
Detailed Guidance

Spotlights

See what other towns are doing



Search Approved Actions





Sustainable Jersey Community Certification Report

Download PDF Version

This is the Sustainable Jersey Certification Report of Hammonton Town (Atlantic), a Sustainable Jersey silver certified applicant.

Hammonton Town (Atlantic) was certified on October 10, 2016 with 355 points. Listed below is information regarding Hammonton Town (Atlantic)'s Sustainable Jersey efforts and materials associated with the applicant's certified actions.

Contact Information

The designated Sustainable Jersey contact for Hammonton Town (Atlantic) is:

Name:	Mica McCullough
Title/Position:	Chair of Hammonton Green Committee / Hammonton Green Committee
Address:	Hammonton, NJ 08037
Phone:	931-446-3759

Sustainability Actions Implemented

Each approved action and supporting documentation for which Hammonton Town (Affantic) was approved for in 2016 appears below. Note: Standards for the actions below may have changed and the documentation listed may no longer satisfy requirements for that action. Additionally, points associated with actions prior to 2013 certifications may not be accurate.

LOCAL ECONOMIES

Green Business Recognition Program 10 Points Bronze Priority Silver Priority

Program Summary:

Hammonton Green Committee implemented a Green Business Recognition program in 2015. Before introducing the program, we created a checklist for businesses to begin thinking about green practices that was distributed to community business through various events, including those held by the Hammonton Chamber of Commerce. After finding interest in the checklist, we created an official program that requires businesses to complete at least five actions on our list or alternative actions not included in our list but deemed green by our standards. So far, we have two local businesses signed up, but anticipate more as our partnership and promotion through the Chamber of Commerce and MainStreet organization continues.

E Green Business Recognition Program Documentation

Grants Program

Sponsor	Announcement	Application Deadline
Gardinier (Energy)	Late Summer	End of October
The Nature Conservancy	Mid-October	Mid-December
PSEG	Mid-November	End of February

\$3.4 million in municipal grants since 2009!



^{*} Funding cycles are subject to change and an official announcement will be made when funding cycles become available

Current Opportunities





Roots for Rivers
Reforestation Grant
and Technical
Assistance Program

The PSEG Foundation is contributing \$200,000 to support \$2,000, \$10,000 and \$20,000 grants

Due December 13

Due February 14

For more information visit: www.sustainablejersey.com/grants-resources

Grants Portal

Visit the website to browse listings

Set-up automated grant notification



Sustainable Jersey Grants Portal

The Sustainable Jersey Grants Portal is a comprehensive listing of resources that can be easily searched and customized to your interests. You can do a quick search, or create a profile that will automatically match your search preferences and will send weekly updates on new resources that match your preferences. To configure your profile and automated grant notification, click here.

Keywords:	
Resource Types:	Actions:
Select Some Options	Select Some Options
FILTER GRANTS BY:	
FILTER GRANTS BY:	Competition: Select an Option
FILTER GRANTS BY: Eligible Applicants:	Competition:

Complete Streets Technical Assistance Program

- Free Training
- Free Technical Assistance Services
 - Up to \$20,000 value
 - Variety of options
 - Application deadline December 20



More Info:

Bit.ly/CompleteStreetsTA

Project Options

- Bicycle Corridor or Network Plan
- Conceptual Renderings
- Crime Prevention Through Environmental Design
- Temporary Demonstration Project Guidance
- Walkable Community Workshop



Recipients receive a final report

Free Technical Assistance for Energy Initiatives

Onsite technical assistance for 10 weeks

 40 municipalities/schools have participated

Must be in NJNG service territory





Program Partners

ACUA

ANJEC

ANJR

APA - NJ

ArtPride NJ

CCLR

ChargEVC

Clean Ocean Action

Creative New Jersey

Duke Farms

DVRPC

HCDN

ISLES

Jersey Water Works

NJ EJ Alliance

New Jersey Future

NJ Audubon

NJ Clean Cities Coalition

NJ EJ Alliance

NJLCV

NJAES

NJBPU

NJDCA

NJDEP

NJDOH

NJDOT

NJ-GMIS

NJHCN

NJHCQI

NJLM

NJPN

NJTPA

Rowan University

RU Cooperative Extension

The Nature Conservancy

The Watershed Institute

TMA's

US EPA

USGBC - NJ

VTC

Training and Networking Opportunities

- Webinars
- In-Person Training
- Industry Conference
 Presentations
- Annual Sustainability Summit



Regional Hubs























ENERGY EFFICIENCY SUMMIT

Wednesday, Jan. 22, 6-8pm Haddonfield Borough Hall

Save the planet while putting \$\$ in your pocket

242 Kings Hwy East

REGISTER TODAY: bit.ly/TCSAEnergySummit



At this summit you will learn how to:

- ✓ Identify where your business or home is wasting energy with low to no cost programs to fix the issues
- √ Make your space more comfortable
- ✓ Lower your utility bill
- ✓ Secure rebates when you replace old appliances



Save the Date

2020 NEW JERSEY SUSTAINABILITY SUMMIT



Friday, June 12, 2020

Bell Labs Complex Holmdel, NJ 07733

Sustainable Jersey Supporters & Sponsors

Program Underwriters









Grants Program





Corporate Sponsors

* 10th Anniversary Sponsors

PLATINUM







GOLD



SILVER



















AMERICAN WATER















BRONZE

