

TOGETHER
**NORTH
JERSEY.**

Connecting People, Places, and Potential.

SUSTAINABLE JERSEY: FROM PLAN TO IMPLEMENTATION AT THE LOCAL LEVEL.



Sustainable Jersey began as an informal partnership that has evolved and been shaped by the contributions and perspectives of many. In 2006, The College of New Jersey was funded by the Geraldine R. Dodge Foundation to create a "Sustainable Communities Leadership Network." The network was tasked with supporting municipal progress toward sustainable development by identifying best practices, facilitating peer to peer learning, developing metrics to judge performance and providing direct technical support and training. Around the same time, a group of mayors at the New Jersey League of Municipalities (NJLM) was coming together to form a "green mayors" group that would work to support similar activities. Concurrently, the New Jersey Department of Environmental Protection and the New Jersey Board of Public Utilities were also working on sustainable community related initiatives.

The four parties agreed to come together under one banner and began to collaborate on the program that eventually became Sustainable Jersey. The NJLM established the Mayors Committee for a Green Future to be their official body that acted on behalf of the League in support of the Sustainable Jersey program. In 2007, a Sustainable Communities Working Group was formed that consisted of approximately 150 New Jersey leaders, experts, and organizations including government agencies, non-profit organizations and businesses. Thirteen different task forces were established to identify specific aspects of each sustainability category of the certification program. After more than a year of intensive work, the Sustainable Jersey program took final form and was launched in February of 2009. In Winter 2011/2012, Sustainable Jersey evolved from a partnership into a 501(c)(3) non-profit organization with a Board of Trustees. Sustainable Jersey is made possible through support and contributions made by philanthropic foundations, corporations and state government agencies listed below.

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INTRODUCTION

Sustainable Jersey will be a key pathway for implementing the TNJ vision at the local level. Launched 2009, Sustainable Jersey coordinates priorities, policy, and resources among dozens of public and private partners to help New Jersey municipalities achieve their sustainability goals. The effort culminates in a certification program for New Jersey municipalities that want to “go green”, save money and take steps to sustain their quality of life over the long term.

Over 300 New Jersey leaders, experts, and organizations including government agencies, non-profit organizations and businesses serve on topic focused task forces that continually strive to identify best practices municipalities can undertake to become more sustainable. In addition to its framework for action, the program coordinates dozens of public and private partners to provide municipalities with access to tools, training, and financial incentives to drive progress at the local level. Currently, there are 423 municipalities statewide participating in the program and 287 of them are in the TNJ region.

A key component of the program is the creation of a municipal “green team”. The Mayor and Council formally establish the green team and appoint members by ordinance or resolution. Members of the green team include elected officials, municipal staff and volunteer members of the community. Local businesses, chambers of commerce, academic institutions, civic organizations, faith-based groups, are also important partners. The green team works together to achieve Sustainable Jersey certification by submitting an application for certification that documents the completion of program actions

Currently there are two levels of certification – Bronze and Silver. Certification does not indicate that a municipality is “sustainable”, but rather demonstrates that it is taking steps in a positive direction. Bronze shows that a municipality has made a commitment to sustainability and has succeeded in implementing some first significant steps. Silver certification recognizes that a municipality is beyond getting started and is making significant progress in a number of areas, and is a statewide leader.

Approximately 33% of the municipalities in the TNJ region are certified – 111 at the Bronze level and 15 at the Silver level. Together these towns have documented the completion of thousands of sustainability initiatives ranging from community gardens, to solar energy projects, to complete streets policies, and much, much more. The certification is valid for three years and then the community must submit a new application to maintain its certification. Many communities chose to apply for certification every year or every two years as a way to keep the green team engaged and continue to implement new initiatives.

In 2013 for the fifth year in a row, Woodbridge Township completed an incredible amount of sustainability actions, leading all of the towns in New Jersey achieving a record number of 870 certification points.

“Sustainable Jersey serves as a benchmark for our sustainable initiatives, while providing the Township with additional resources needed to plan for our green future. As a result, Woodbridge has implemented many sustainable initiatives and programs that serve to better manage the ways we use energy and other natural resources at work and home. The Sustainable Jersey program is an important vehicle by which our Township will continue to move into the future as a sustainable and environmentally-conscious community.”

–Woodbridge Mayor John McCormac.

Sustainable Jersey actions are closely aligned with the TNJ Focus Areas and Strategies. The 126 certified communities in the TNJ area have already successfully completed 2,112 actions demonstrating significant progress in implementing The Plan strategies. Another 1,252 actions have been attempted but did not meet the specified standard, and registered municipalities are currently working on hundreds of additional actions. See Appendix 1 for a listing of the Sustainable Jersey actions and municipal performance.

This report identifies the Sustainable Jersey actions that directly correspond with actions included in The Plan and describes how Sustainable Jersey will utilize The Plan as a roadmap to develop new actions to drive municipal implementation. The analysis will serve as a baseline from which the implementation of The Plan can be measured. The number of new actions implemented by TNJ communities can be readily tracked through Sustainable Jersey's annual municipal certification cycle.

Progress toward implementing The Plan is also reflected in the number of small grants and innovative community projects completed. Since 2009 Sustainable Jersey has provided nearly \$1.7 million in small grants to TNJ communities. The grants have ranged in value from \$1,000 to \$25,000. Innovative community projects represent actions that have not been adopted as part of the Sustainable Jersey program but advance sustainability in the community. Many of the innovative community projects are later adopted as best practices and added to the action line up. Appendix 2 lists the number of small grant and innovative community projects completed that support focus areas identified in The Plan.

In June 2013, Sustainable Jersey and the New Jersey School Boards Association (NJSBA) announced plans to create a voluntary sustainability certification program called "Sustainable Jersey for Schools," designed specifically for New Jersey's public school districts and public charter schools. Similar to the municipal program, Sustainable Jersey for Schools convened experts, local school officials, educators and other stakeholders to determine the content of the program. On July 22, 2013 over 100 people attended a kick-off meeting at The College of New Jersey where working groups, representing the various partners began to define the program standards and actions that would advance schools toward certification. After a little over a year of development with 12 volunteer task forces, Sustainable Jersey for Schools was launched on October 28, 2014 with 87 actions spread across 17 action categories. Appendix 3 includes a listing of Sustainable Jersey for Schools actions.

The schools program has been well received by the New Jersey educational community. In addition to the New Jersey School Boards association all the major state associations have signed on as partners including:

- New Jersey Association of School Administrators
- New Jersey Association of Business Administration
- New Jersey Education Association
- New Jersey Parent Teacher Association
- New Jersey Principals and Supervisors Association
- New Jersey School Buildings and Grounds Association

In addition, through the generous support of the PSEG Foundation, the New Jersey Department of Health, the New Jersey Education Association and the Gardinier Environmental Fund, nearly a half million dollars in small grants will be awarded to New Jersey Public Schools in 2015. The ability to work with this wide range of partners and leverage programmatic and financial resources will be instrumental in building a brighter future one school at a time. In the first six months of the program 45 school districts and 128 schools in the TNJ region registered for the program. In October 2015 the first cohort of public schools will be certified. Like the municipal program, the online certification application process will provide a rich source of best practices from around the state and the ability to monitor progress.

The following sections provide a detailed analysis of how Sustainable Jersey will support the implementation of the The Plan at the local level. For each Focus Area the following information is provided where applicable:

- **Current Initiatives:** Existing Sustainable Jersey program actions that mirror those included in the TNJ Action Plans are listed and the number of municipalities in the region that have successfully completed the action is identified.
- **Next Steps:** Sustainable Jersey actions that have been approved by the Sustainable Jersey Certification Standards Committee for development and were also listed in the TNJ Action Plans. It is anticipated that these actions will be implemented in the next six to twelve months.
- **Area of Exploration:** Action ideas that were generated through the TNJ planning processes that will be referred to the respective Sustainable Jersey Task Forces for consideration. If so, the task forces will conduct preliminary research to determine if the ideas can and should be converted into Sustainable Jersey program actions. If so, the appropriate task force will then submit an Action Proposal to the Certification Standards Committee for approval to proceed with detailed action development.

FOCUS AREAS 1 THROUGH 4:

These focus areas primarily highlight economic development including building the foundations of a thriving regional economy: business climate, human capital, and infrastructure. Strategies and actions around these efforts are most effectively implemented at the regional or state level. However, listed below are examples of how municipalities can help advance the larger scale agenda by ensuring that local ordinances, policies, and practices support and reinforce regional and state policies and programs. These ideas will be reviewed by the Sustainable Jersey Local Economies and Transportation and Land Use Task Forces for the potential development into program actions.

CURRENT INITIATIVES

Action	Description	TNJ Towns Completing Action
Green Jobs/ Economic Development	Implement initiatives that drive investment in sustainable economic activities, stimulate demand for green labor, and/or provide green workforce training.	2
Support Local Businesses	Establish municipal programs and activities that support local businesses such as expanding purchasing opportunities with local businesses, actively promoting local businesses, or facilitating business development activities.	22
Buy Local Campaign	Recognize the important role that local businesses have in their economy and the value of growing their local business base by conducting Buy Local campaigns.	30

AREAS OF EXPLORATION

Traditionally, with the exception of larger cities, local governments have not been involved in implementing strategies related to Focus Areas 1 through 4. However, asset-based economic development recognizes the important role existing infrastructure and unique local resources can play in strengthening the regional economy. Counties, municipalities, and the private sector can work together to identify priority growth and investment areas at transit stations and stops and along highway corridors in strategic locations within their jurisdictions. Once identified, public and private investment, including economic development incentives can be targeted in these areas to spur job growth in places well served by existing transportation infrastructure. Actions identified in The Plan that could potentially be incorporated into the Sustainable Jersey program to help support this effort are identified below under the respective Focus Area.

FOCUS AREA 1: Create and maintain well-paying jobs by supporting growth in our regions key industries

- Simplify the local regulatory process to attract new businesses. This could include streamlining permitting for small manufacturing facilities, creating a “one-stop-shop” for local permits, and/or establishing a centralized electronic permit tracking system.

FOCUS AREA 2: Enhance North Jersey’s innovation and entrepreneurship ecosystem

- Support the growth of Disadvantaged Business Enterprises (DBEs), Minority Business Enterprises (MBEs), and Women’s Business Enterprises (WBEs).
- Include shared workspaces in the redevelopment of urban and suburban office buildings into mixed-use developments and explore opportunities to include shared workspaces in new public facilities such as government buildings and libraries.

FOCUS AREA 3: Strengthen the region’s economy by building on existing assets and infrastructure

- Identify local priority investments in roadway, public transit, and bike/pedestrian corridors that support access to opportunity by connecting mixed-use centers in the region.
- Promote alternative commuting options that connect workers to jobs in underserved areas. In suburban areas, this could involve utilizing commuter hubs for integrating highway corridors; last-mile travel options; and expanded bus, rail, and shuttle services.
- Identify locations suitable for truck parking and/or truck stops that sell alternative fuels.
- Implement best practices for promoting arts and cultural tourism.
- Implement municipal land use and zoning ordinances that support urban farming initiatives.

FOCUS AREA 5: Locate most new housing and commercial development in places with existing and planned infrastructure

The Sustainable Jersey Land Use and Transportation Task Force identifies best practices for efficient development. The goal is to assist municipalities in implementing growth strategies that maximize economic and societal benefits and minimize the negative impacts on the environment.

CURRENT INITIATIVES

STRATEGY 1: Promote transit-oriented development

The Transit-Oriented Development (TOD) Supportive Zoning action was created in collaboration with the Land Use Law Center at Pace University Law School. The action includes detailed guidance and an extensive list of resources including sample ordinances and redevelopment plans. As part of the action implementation process Sustainable Jersey is also offering training to local planning staff and elected officials.

Action	Description	TNJ Towns Completing Action
Transit-Oriented Development (TOD) Supportive Zoning	Implement initiatives that drive investment in sustainable economic activities, stimulate demand for green labor, and/or provide green workforce training.	New in 2015

STRATEGY 3: Prioritize brownfields for redevelopment

Sustainable Jersey introduced the Brownfields action category in 2013. The Brownfields Task Force chaired by Rutgers University's Center for Urban Environmental Sustainability (CUES) was charged with developing recommendations for actions that local green teams could take to contribute to the reduction of New Jersey's Brownfield Inventory and increase community reuse of these non-productive properties.

The Task Force consisted of thirty-four individuals representing the State of New Jersey, municipal governments, environmental professionals (engineers, consultants, lawyers, and planners), non-governmental organizations, historic preservation organizations, Sustainable Jersey, and Rutgers. Four subcommittees were formed to address specific aspects related to local reuse of a Brownfield site:

- a) Inventory: Identification and Prioritization of a municipality's Brownfield sites
- b) Environmental Assessment: Process governed by the recently enacted New Jersey Department of Environmental Protection (NJ DEP) Licensed Site Remediation Professional (LSRP) program
- c) Reuse Planning: Community Planning Steps and Options
- d) Marketing: Communicating the availability of a Brownfield property for reuse

SPOTLIGHT

Woodbridge Township Cleans Up And Redevelops Brownfield Sites

The Township of Woodbridge has made great strides in working to clean up and redevelop the municipality's inventory of Brownfield sites. In 2009, parts of Keasbey were designated as a state Brownfield Redevelopment Area. Planning, remediation, and redevelopment have been ongoing at this site, which includes 185 acres where a former chemical manufacturing facility was located. This site was fully remediated and is currently undergoing redevelopment. When this project is finished, the site will offer both economic and environmental benefits to the community such as passive recreation trails on 120 acres of remediated wetlands, public access to the Raritan River, and 50 acres that are suitable for business and industrial redevelopment. Thus far, Woodbridge Township has successfully completed 37 redevelopment plans.

The Task Force and the four subcommittees met over a ten month period to identify and consider possible action items that would be feasible for local green teams to accomplish. An overarching objective of the task force was to identify actions that reinforce each other and that support public engagement in the Brownfield reuse decision-making process. The actions described below were vetted by the task force members who agreed that they served as the "first steps" a green team could take to initiate a reduction in the number of their community's Brownfields sites.

Action	Description	TNJ Towns Completing Action
Brownfields Inventory & Prioritization	Develop a Brownfields Inventory that identifies sites, can be used to document progress in cleaning and redeveloping these sites, serves as a vehicle for prioritizing redevelopment, and can be used as a marketing tool to attract redevelopment.	2
Brownfields Reuse Planning	Develop a preferred Reuse Plan for a priority Brownfield site that reflects agreements among multiple stakeholders, including elected officials, municipal boards and commissions, residents, owner(s), and if applicable, the site redeveloper.	0
Brownfields Marketing	Provide energy education and outreach to residents and businesses about the many actions they can take to improve energy efficiency and reduce greenhouse gas emissions.	New in 2015

STRATEGY 4: Expand the use of innovative planning tools that promote smart development

In 2013 the state legislature passed an update to the cluster development provisions in New Jersey's Municipal Land Use Law, giving local governments greater authority to include contiguous and noncontiguous clustering and lot-size averaging in their land use regulations. Municipalities have the option of directing development through their existing zoning ordinances, or of offering landowners and developers additional benefits via these updated clustering opportunities. As a result of these changes, the following action was implemented to encourage use of this new option.

Action	Description	TNJ Towns Completing Action
Clustering Ordinance	Adopting a municipal residential clustering ordinance that protects environmentally sensitive areas of a development site and permanently preserve open space, natural features, and prime agricultural lands.	14

WHAT'S NEXT

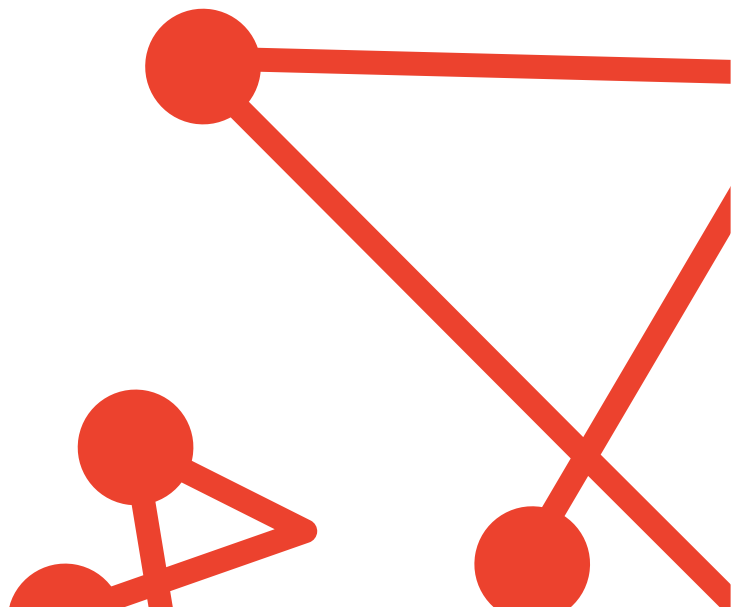
The State of New Jersey's process, with limited exceptions, calls for all Brownfields remediation efforts in the state to proceed under the supervision of a Licensed Site Remediation Professional (LSRP) without New Jersey Department of Environmental Protection approval. The goal of this regulated process is to increase the pace of remediation and to return underutilized properties to productive use. The Brownfields Task Force is working on an assessment and education action that help inform the green teams (and the community at large) about how the LSRP program works and provide best practices for communicating and integrating green team efforts with a site's LSRP.

AREAS OF EXPLORATION

The Plan has called attention to the need to explore actions related to infill and redevelopment sites. The goal would be to encourage municipalities to adopt a comprehensive long-term design framework that supports phased redevelopment in order to discourage inefficient utilization of land.

Other ideas that will be explored as possible Sustainable Jersey actions include:

- Analysis of municipal abatement and other similar incentive programs to ensure subsidies and incentives are not superfluous given changing market demand.
- Adoption and implementation of an Abandoned Property Ordinance as authorized by the 1996 Urban Redevelopment Act and the 2004 Abandoned Properties Rehabilitation Act (APRA).
- Implementation of market based mechanisms such as transfer of development rights, where developers fund preservation in exchange for higher density development in more appropriate locations.



FOCUS AREA 6: Create vibrant places and neighborhoods that will attract and retain residents, workers and visitors.

Vibrant places and neighborhoods that attract and retain residents, workers and visitors can evolve organically. However, in most cases they are a direct result of independent and collective actions driven by men and women with a vision and the tenacity to make happen. Sustainable Jersey provides a framework for action that supports active and engaged municipal officials and citizens to work towards a “better tomorrow, one community at time”. Sustainable Jersey actions that link directly with the TNJ Action Plan for this focus area are identified in this section, however, all the Sustainable Jersey actions contribute to creating vibrant communities.

CURRENT INITIATIVES

STRATEGY 1: Design places that meet the diverse needs of people in all age groups

The actions listed below guide municipalities through the process of identifying opportunities for infill housing, revamping zoning ordinances, and linking community plans and transportation plans to accommodate transit-connected mixed-used development.

Action	Description	TNJ Towns Completing Action
Build-Out Analysis	Conduct a build-out analysis to estimate the amount and the location of houses, commercial/industrial square footage, and population that could result if all the net undeveloped but buildable land within a community or a specified area is developed under current land use regulations. Using information obtained from the municipality, the state, county, and other resources, reasonable assumptions about existing land use regulations, land preservation, and critical environmental areas should be made to insure accurate projections.	New in 2015
Complete Streets	Adopt a Complete Streets Policy by resolution or ordinance and develop a plan to implement the policy and monitor progress.	30
TOD	Adopt a TOD-supportive zoning ordinance or redevelopment plan that encourages density, a mix of uses, provides a variety of housing types at a range of affordability levels, creates an inviting and safe pedestrian- and bicycle-friendly public realm, minimizes the need for parking, and promotes other modes of transportation.	0

STRATEGY 2: Create a physical vision for new development based on an understanding of the unique characteristics that define each place

The Sustainable Jersey actions that follow focus on the key steps in developing a Sustainable Community Plan. Through the planning process a shared vision for the community is articulated, specific goals are identified, and action plans are developed that include the specific steps the government, citizens, businesses, schools, and civic organizations can take to make progress.

Action	Description	TNJ Towns Completing Action
Community Visioning	Complete a community visioning process that evaluates the community as it currently exists, identifies what is valued in the community, and encourages stakeholders to imagine where it would like the community to be in ten or twenty years. This shared vision creates the basis for developing goals and completing actions that move toward a more ideal, sustainable community.	10
Vision Statement and Goals	As a result of the Community Visioning process, articulate a vision for the community and develop goals that refine the vision down into its component parts and further define the desired outcome in a number of categories, such as health, natural resources, equity, transportation, etc. A goal should be broad enough to show relationships with other goals, and be able to act as an umbrella for a bundle of related issues, implementation strategies, and indicators.	6
Indicators and Targets	Identify indicators to track progress toward goals and assess the impact of actions. Set specific targets to show what level of improvement is desired and enable everyone to know when success has been achieved.	5
Action Plans	Complete a Sustainable Community Plan by outlining the action steps (programs, policies, and projects) that will be adopted to achieve the identified community goals	8

SPOTLIGHT

Madison Develops a Community Vision

In 2013, Madison conducted a Green Forum to develop a community vision of a “Green Madison.” Sustainable Madison Advisory Committee, the Madison Environmental Commission, the Community Garden Advisory Committee, the Shade Tree Management Board and the Open Space, Historic Preservation and Recreation Advisory Committee with Parks Advisory Committee coordinated the event. 110 people, including the Mayor, most Council members, key borough employees, students, residents and those working in the Borough, attended the forum. The attendees were asked which green issues they cared about most and their answers guided the format and topics of the Green Forum. As a result of various meetings including the Green Forum, the governing body of Madison adopted Resolution R 207-2013 on June 10, 2013, outlining a community vision for a green Madison.

STRATEGY 4: Locate development in areas that are walkable, bikable, and accessible by public transit

People in communities throughout New Jersey are increasingly searching for solutions to tight family budgets, rising health care costs, and time wasted in traffic. As transportation costs and congestion increase, walking and bicycling will continue to grow in importance. Bicycling and walking are viable forms of transportation, especially important for people who rely on transit and lack access to automobiles, including children and the elderly. A well thought out and executed Bicycle and/or Pedestrian Plan will ensure that all members of the community have the choice to safely bicycle and walk to work, to school, to shopping and to other destinations as an integrated part of the transportation system. A Bicycle and/or Pedestrian Master Plan Element will address Complete Streets and Safe Routes to School policies and programs in addition to addressing connections and access to trails, parks and transit for all ages and abilities.

Action	Description	TNJ Towns Completing Action
Bicycle and Pedestrian Audit	Identify areas in the community where safe, comfortable, accessible and welcoming environments for pedestrians and cyclists can be created or improved.	7
Bicycle and Pedestrian Plan	Adopt Bicycle and/or Pedestrian Plan as part of the municipal Master Plan that will ensure that all members of the community have the choice to safely bicycle and walk to work, to school, to shopping and to other destinations as an integrated part of the transportation system.	6

WHAT'S NEXT

Sustainable Jersey will continue to conduct education and outreach that focus on helping communities become more walkable and bikeable. This includes educating a full range of stakeholders on the benefits of these initiatives and providing linkages with organizations that can provide technical support will help spur action.

The Health and Wellness task force is actively working the development of a new Safety by Design action. This action seeks assist municipalities in the responding to the safety concerns of local residents by improving the design of public spaces such as parks, bus stops, and housing complexes to reduce opportunities for crime and the perception of crime.

AREAS OF EXPLORATION

In support of the TNJ Action Plans Sustainable Jersey will work through the task force process to identify best practices related to:

- Zoning to support mixed-use development projects that incorporate a variety of housing options; as well as retail, healthcare services, public spaces, etc.
- Improvements to public infrastructure, such as streets, parks and plazas, for accessibility by all users of all capabilities.
- Stimulating local economies through Business Improvement Districts, Special Improvement Districts, Strategic Investment Areas and Local Merchants Associations.

SPOTLIGHT

Livingston Township Makes Its Streets Safer for Bicyclists and Pedestrians

In 2008, The Township of Livingston made a commitment to implement a complete streets program. As a major step toward achieving this, it adopted The Trails and Greenways Plan—a plan to make the township bicycle and pedestrian friendly. Over the next two years, in order to bring the plan to fruition, the township budgeted and implemented repair and construction of the sidewalks on all municipal property. Additionally, it expanded them to be 4' wide. The township also sought and obtained Community Development Block Grants to make curb cuts to facilitate circulation for bicycles, wheelchairs, strollers, and people with disabilities. In 2010, all curb cuts were completed on all sidewalks throughout the township. Furthermore, since the Fall of 2010, whenever work is done on a township road, the township also attends to sidewalks, signage, crosswalks or other factors that would make the road more "complete."

FOCUS AREA 7: Connect people and places with safe, convenient and reliable transportation

In New Jersey, the overwhelming majority of transportation decisions are made at the state, regional, or county level. The role of municipalities is primarily focused on the land use decisions that can generate a “cause and effect” relationship with transportation significantly impacting access, congestion, and safety. Local Planning and Zoning Boards make critical decisions that can either support all modes of travel including driving, public transportation, walking, biking and goods movement or drastically limit transportation options in a community.

CURRENT INITIATIVES

The Sustainable Jersey Transportation and Land Use Task Force is focused on identifying best practices and tools to assist communities in making forward-looking land use decisions.

STRATEGY 2: Adopt and implement “Complete Streets” policies

Sustainable Jersey works closely with Alan. M. Voorhees Transportation Center at Rutgers University to educate municipalities on the benefits of Complete Streets policies.

Action	Description	TNJ Towns Completing Action
Complete Streets Program	Adopt a Complete Streets Policy by resolution or ordinance and develop a plan to implement the policy and monitor progress.	30

STRATEGY 3: Improve conditions and service at “transit hub” locations

Access to public transportation can yield many benefits for communities yet the land uses around transit facilities are often not supportive of greater transit use. Municipalities should welcome improvements to public transportation facilities and be active partners in addressing “first-mile/last-mile” access issues including pedestrian and bicycle access, parking management and land use changes that can generate ridership and enhance the traveler experience. Sustainable Jersey’s initial action related to supporting municipalities in this effort is listed below.

Action	Description	TNJ Towns Completing Action
Effective Parking Management	Adopt a parking policy or code provisions that make parking more efficient, reduce parking demand and/or encourage walkability.	New in 2015

In addition, the Sustainable Jersey Small Grants Program has funded projects to increased pedestrian and bicycle access to transit facilities. For example, in 2013 the Township of Montclair received a \$20,000 grant to support the development of a “Bike Depot” at their Bay Street Train Station. The depot provides enclosed, weather-proof, and secure access and storage so that commuters who ride their bicycles to the train station – enroute to New York City – can rely on them as a transportation option. Based on the success of the depot, Montclair plans to expand access to the town’s six train stations by implementing a mosaic of alternative transportation options within the town that will also be accessible to surrounding towns.

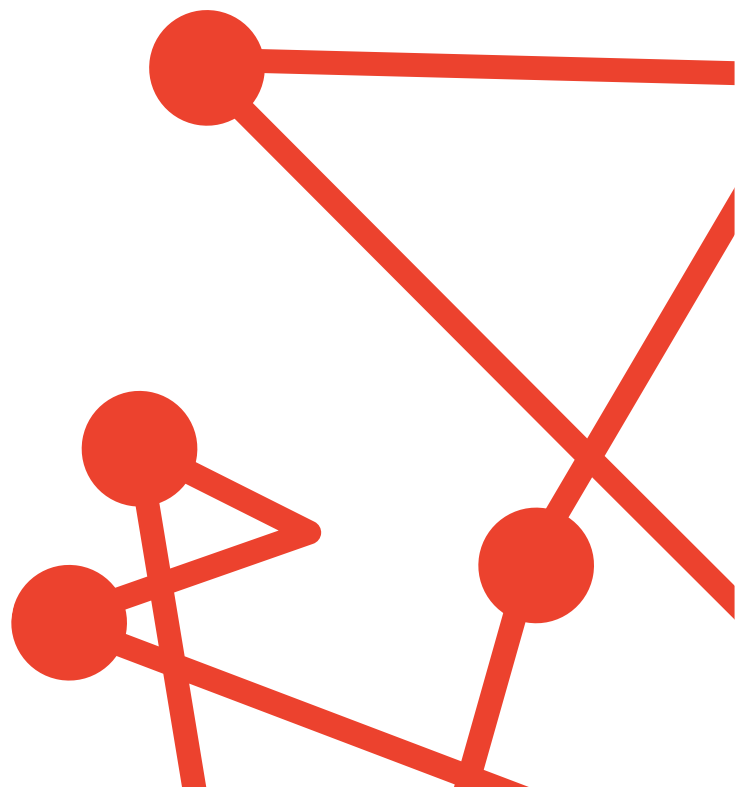
WHAT’S NEXT

Sustainable Jersey will continue to expand public and stakeholder education efforts aimed at promoting adoption and implementation of Complete Streets policies at the local level. In addition, the Transportation and Land Use Task Force is updating the Complete Streets Program action to require towns to show progress towards the implementation of the policy when applying for recertification.

AREAS OF EXPLORATION

The TNJ Action Plan for the focus area offers two promising ideas that could be implemented at the local level to support safe, convenient and reliable transportation options in communities. They include:

- Require sponsors of major new development projects to conduct Transit Assessments as part of local zoning reviews.
- Implement measures to address transportation safety issues in a community such as lane departure crashes, intersection crashes, and crashes involving mature drivers, and pedestrian and bicycle crashes.





FOCUS AREA 8: Expand and diversify the region's housing supply to meet current and future demand

There is no doubt that having a range of housing types in convenient, appealing locations yields many social and economic benefits for the region. However, municipal government's ability to proactively address housing issues varies significantly by size and setting. Due to this variation, to date Sustainable Jersey has not delved deeply into developing actions related to housing with the exception of the Sustainable Land Use Pledge and Transit-Oriented Development Supportive Zoning

CURRENT INITIATIVES

The Sustainable Land Use Pledge action simply requires a public affirmation of a municipality's intent to support sustainable smart growth land use policies. The guidance provides a model resolution to be adopted by a municipality as a first step toward community sustainability. At a minimum, the Sustainable Land Use Pledge must address regional coordination, transportation choices, natural resources, mix of land uses, housing options, green design, and municipal facilities to be eligible for credit. The adoption of the resolution commits the municipality to a thoughtful, longer-term re-evaluation of current land use practices and planning policies. The hope is that this will result will be land use decisions that balance economic, environmental, and social needs and provide the highest possible quality of life for all residents. To date, 79 TNJ communities has passed the pledge.

The Transit-Oriented Development Supportive Zoning action was implemented in 2014. The purpose of the action is to encourage municipalities to establish innovative, TOD-supportive zoning. This may occur as authorized by the Municipal Land Use Law (MLUL), N.J.S.A. 40:55D-1 et seq. through an amendment to the municipal master plan and then a subsequent update to municipal zoning to implement the TOD vision expressed in the master plan. Or, a municipality may choose to pursue TOD-supportive zoning through the adoption of a redevelopment plan under the requirements established by the Local Redevelopment and Housing Law (LRHL), N.J.S.A. 40A:12A-1 et seq. In either case, to receive points under the action, the municipality must adopt zoning that encourages density, supports a mix of uses, provides a variety of housing types at a range of affordability levels, creates an inviting and safe pedestrian- and bicycle-friendly public realm, minimizes the need for parking, and promotes other modes of transportation. No municipalities have submitted documentation for this action thus far.

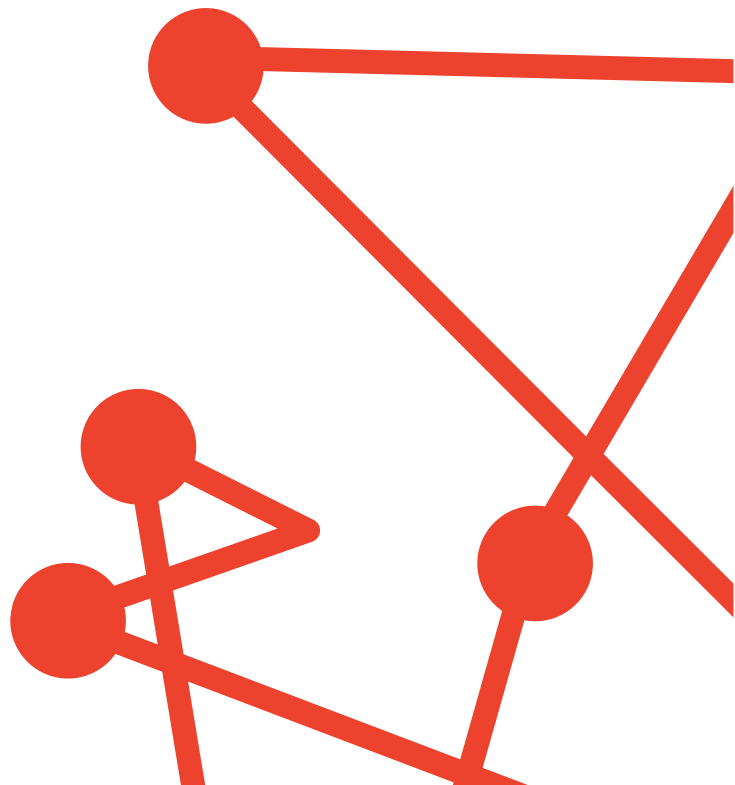
WHAT'S NEXT

Sustainable Jersey will work with a subcommittee the Land Use and Transportation Task Force to focus on expanding program actions related housing. This includes providing guidance on how to assess the current housing stock, identify needs, and develop a plan that delineates community goals and implementation strategies.

AREAS OF EXPLORATION

The TNJ Action Plan for this focus area offers a range of potential municipal actions to expand and diversify housing supply to meet current and future demand. Listed below are the specific ideas that will be researched to determine their applicability to the Sustainable Jersey program.

- Identify housing variety and choice needs based a profile of current and future residents, including: young people just starting out, aging population, a full range of workforce occupations, people with disabilities, and those with fixed and lower incomes.
- Review master plan and land use regulations to identify existing barriers to housing variety and choice, including barriers to affordable housing.
- Amend municipal zoning codes to expand housing variety and choice including but not limited to: mixed-use development, new and innovative housing types (e.g. micro-units), and accessory housing (e.g. basement, attic apartments) and others as needed to ensure compliance with municipal obligations under the Fair Housing Act.
- Use incentives to encourage production of needed housing types.
- Work with nonprofits and redevelopment agencies to create land trusts as a way to keep housing permanently affordable.
- Identify units at-risk for conversion and work with homeowners, tenants and rental property owners to extend affordability controls where feasible. This may include both payments to owners for extending the deed restrictions for an additional period of time.



FOCUS AREA 9: Create a system of public education that prepares all students for the 21st century economy

Preparing all students for the 21st Century economy includes exposing them to the concept of sustainability. Sustainability encompasses responsible use of the planet's natural resources, prosperous local economies, and strong, civil societies with opportunities for all people. Education for Sustainability (EfS) is much more than teaching content-related knowledge and skills; it is also about teaching new ways of thinking about and perceiving the realities of our world and the possibilities for change. EfS prepares students for their roles in creating a sustainable future by engaging them in solutions-based design and action that integrates knowledge across different disciplines and that considers diverse social, economic, and cultural perspectives. These skills and approaches also position students to perform more successfully across the school curriculum and prepare them for higher education and careers in a twenty-first century world.

CURRENT INITIATIVES

STRATEGY 2: Expand school programming for 21st century economy

The Community Partnership and Outreach category of the Sustainable Jersey municipal program has included an action entitled Education for Sustainability Programs for several years. The goal of this action is to engage schools and communities in learning together for a sustainable future by building partnerships between local government, communities, and schools. To earn points in the municipal green team must work with representatives from the school district to implement at least one of the following activities:

- Have the School Board adopt a Resolution to Educate for Sustainability
- Enroll a school in the Eco Schools program
- Send a teacher or team to NJ LEARNS training program that focuses on advancing sustainability initiatives in schools
- Begin to incorporate Education for Sustainability into existing units and courses, enrichment programming or develop additional units of study
- Provide professional development for teachers so that they can learn and integrate Education for Sustainability into their current curricula
- Identify authentic learning opportunities in schools that engage students in data collection (including community asset mapping, energy use, emissions, waste, water quality testing of local streams, recycling, diversity, etc.) or develop an analysis of Sustainability Indicators
- Incorporate sustainability-focused student service learning opportunities into school programs. These might include co-curricular structured learning experiences, experiential learning, cooperative industrial education, or after-school volunteer programs sponsored by school organizations or clubs

With the launch of the Sustainable Jersey for Schools program in October 2014, the emphasis on EfS was significantly expanded. The goal is to integrate the enduring understandings of EfS into lessons aligned with the Common Core State Standards for Math and English Language Arts and the Next Generation Science Standards at all grade levels. These enduring understandings of sustainability include:

- A Healthy and Sustainable Future Is Possible: We can learn how to live well within the means of nature. This viewpoint inspires and motivates people to act.
- We Are All In This Together: We are interdependent on each other and on the natural systems.
- Healthy Systems Have Limits: Rather than exceeding or ignoring the limits, tap the power of limits. Constraints drive creativity.

- **Reconcile Individual Rights with Collective Responsibilities:** Responsible and ethical participation and leadership are required in order to make the changes we need to make. We must reconcile the conflicts that exist between our individual rights and our responsibilities as citizens.
- **Diversity Makes Our Lives Possible:** Diversity is required to support rich complex systems (like us), to build strength and to develop resilience in living systems. Biological diversity, cultural, gender, political and intergenerational diversity all serve this purpose.
- **Create Change at The Source Not the Symptom:** Distinguish problems from symptoms. Identify the most upstream problem you can address within your sphere of influence.
- **Think Far into the Future (1,000 Years):** Envision the kind of future we want and start working towards it. We should not sacrifice our children's future to meet our needs.
- **Read the Feedback:** We need to pay attention to the results of our behavior on the systems upon which we depend. If we keep our eyes on the feedback, we can adjust our thinking and behavior before we cross detrimental thresholds.
- **It All Begins With a Change In Thinking:** Thinking drives behavior and behavior causes results. As Einstein had observed, the significant problems we face cannot be solved with the same level of thinking we used to create them. Think systems, cycles and out of the box.
- **Live By The Natural Laws:** We must operate within the natural laws and principles rather than attempt to overcome them. It is nonnegotiable.
- **We Are All Responsible:** Everything we do and everything we don't do make a difference.

Furthermore, there are great opportunities to link lessons to sustainability initiatives taking place in the school, such as school gardens, green cleaning, energy conservation programs, and recycling initiatives. Sustainable Jersey for Schools offers more than 80 actions where schools can earn points, and most of these provide opportunities to integrate student learning.

Action	Description	TNJ Towns Completing Action
Education for Sustainability Programs—Municipal	In collaboration with the municipal green team implement one of the specified options for this action that introduces the concept of EfS in the school district or individual school.	41
Education for Sustainability (Schools Program)	Implement EfS into curriculum at a specific grade level (K-3) or subject area (4-12).	New in 2015
Curriculum Mapping (Schools Program)	Develop or update a comprehensive curriculum map of an entire course, a more-generalized map for an entire grade level across the disciplines, or a map for a subject area across grade levels to collect of information about the different elements of the curriculum as it is delivered in the school or district and identify how EfS is addressed or can be integrated into the curriculum.	New in 2015

STRATEGY 3: Improve educational outcomes by implementing “community schools,” wraparound services for students and families, and school-community partnerships

The Sustainable Jersey for Schools program includes several actions aimed at encouraging schools and communities to work together to improve educational outcomes.

Action	Description	TNJ Towns Completing Action
School District Foundation	Establish a privately operated, federally recognized non-profit Education Foundation to assist a district or school by raising money to supplement school programming.	New in 2015
School Community Asset Mapping	Create a collective inventory of the positive and valued aspects of the community by identifying the places, institutions, programs, and people that contribute to making the community a great place to learn and live and are available to the school community to enrich student learning as well as to support students and school families.	New in 2015
Civic and Stewardship Volunteer Initiatives	Implement at least two events or activities that provide students with opportunities and tools to become engaged with environmental stewardship and civic action outside the classroom setting.	New in 2015
Enrichment Programs through Partnership	Establish a student enrichment program in partnership with external entities including civic, business, environmental, arts, health, historic, and faith-based organizations.	New in 2015

SPOTLIGHT

Linden Public School District

The district’s 21st Century Community Learning Center provides 6th through 8th grade students with an education and enrichment program after the regular school day has ended. The after-school program works with several local community agencies and partners such as Jewish Family Services of Central New Jersey, Rahway YMCA, Prevention Links, Union County Youth Services Bureau, Sherriff’s Department, Linden Library, and Rutgers Gardens. Program offerings include: STEM enrichment, Character Education, Physical Education, Design Squad, Lego Robotics, Media Technology and Life Skills, Open Gym, Jewelry Making, Crochet, Interactive Game Room, Keyboarding, ROTC, Zumba, and Chess. The 21st CCLC Program also coordinates monthly family nights, class trips, community service, guest speakers, assemblies, parenting workshops, mentoring programs, NJ ASK preparation, counseling services, expanded library and media hours, and daily snacks.

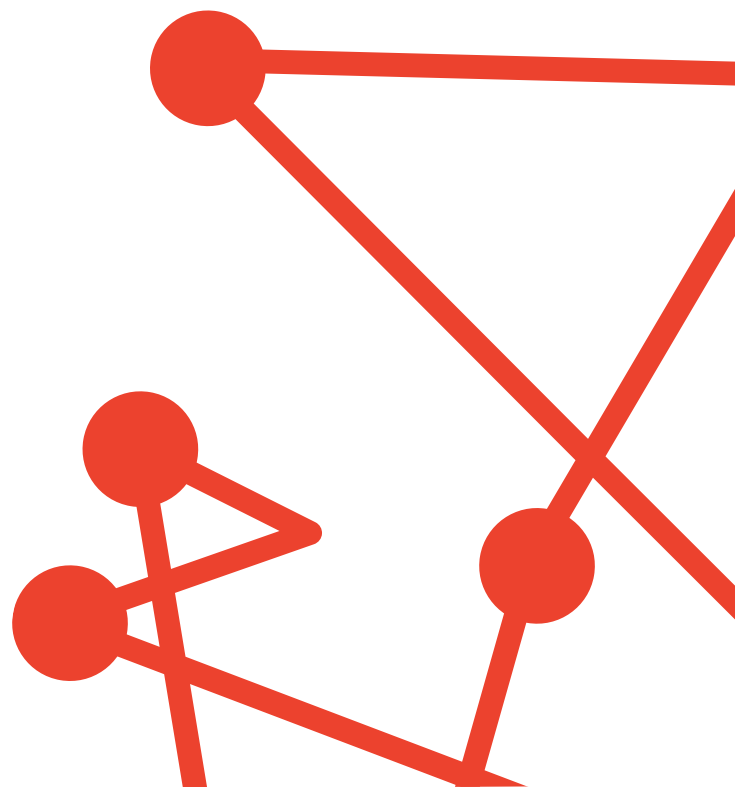
WHAT'S NEXT

The Sustainable Jersey for Schools program was launched in October 2014. In the first six months of the program 45 districts and 128 schools in the TNJ area had registered to participate. Throughout 2015 and 2016 Sustainable Jersey will focus on encouraging districts and schools to register for the program, offering training and technical assistance to schools working toward certification, and providing resources to support progress. In 2015, it is anticipated that the Sustainable Jersey Small Grants program will provide nearly a half million dollars in small grants to participating districts and schools to implement program actions.

AREAS OF EXPLORATION

New actions will be introduced as the Sustainable Jersey for Schools program evolves. Ideas generated through the TNJ planning process that will be researched to identify the best practices and resources that school districts and schools could use to make progress include:

- Closer partnerships and shared services on a county-wide basis including with county parks, libraries, and community based organizations, etc.
- Consolidation, regionalization, and reorganization of school districts as a cost saving and sharing strategy
- Partnerships with businesses, colleges/universities, and non-profits to support STEAM programming and share equipment and facilities.
- STEM/STEAM programs that are inclusive.
- Data sharing among social service providers and school districts to enable all to better assess student and family needs for particularly vulnerable students.
- Full service community school models.



FOCUS AREA 10: Enhance the resiliency of the region's communities and infrastructure

Sustainable Jersey's NJ Resiliency Network was formed to provide and coordinate assistance to post-Sandy municipalities in New Jersey. While federal and state monies (e.g. FEMA, HUD) helped allay the cost of major infrastructure improvements and housing repair, other significant recovery and resiliency needs remained to be addressed. Non-profit, private and academic institutions quickly came to the scene to offer technical assistance and services. However, many of these "resource providers" were unable to determine which communities needed assistance, and what kind of help they needed. Similarly, municipalities did not know where to find resources to address their needs.

In early 2013, several agencies and organizations began to inventory the non-profit resources being provided to communities, including the American Planning Association - NJ Chapter, FEMA (Community Planning and Capacity Building), Sustainable Jersey and NJ Future. Later that year, the NJ Resiliency Network was formed to provide a more coordinated and comprehensive approach to community recovery and resiliency. The NJ Resiliency Network receives funding from the NJ Recovery Fund and the Surdna Foundation.

The Network links communities with resources in the following ways:

- The Network's Resiliency managers are charged with assisting municipalities in matching their needs to the appropriate resources. Based upon community needs, the Managers may provide direct assistance with small, targeted projects, or, connect the community with a resource provider that can provide the desired services.
- The Network Advisory Board was created to respond to real time, on-the-ground community issues and respond with recommendations for new research, tools and programs. The Advisory Board will also monitor the progress of community recovery through community forums and idea exchanges, where local officials and other stakeholders can present their issues and concerns. The Advisory Board will have the knowledge and expertise to generate best practices for recovery and resiliency in the form of new local, state and national policies and practices.
- A central database of financial and technical resources for communities. Though some of the resources within this database are already available to the public, they are either difficult to locate or not publicized. This database is easy to navigate and continues to be updated as resources are made available.

SPOTLIGHT

Seacaucus Completes Climate Adaptation

The Town of Seacaucus completed the Climate Adaptation: Flooding Risk action in the fall of 2014. The Town passed a resolution to create a Flood Risk Team. By completing the action the team identified when community assets are vulnerable to expected sea level rise. These include critical infrastructure, such as arterial roads connecting residents to coastal flood evacuation routes, the local high school and a wastewater treatment facility. The report submission notes that the community learned substantially about local flood risks during Irene and Sandy, but that the Climate Adaptation: Flooding Risk helped them to better understand their risks and vulnerabilities with respect to sea level rise. They have since elevated the issues of critical infrastructure at risk with the Community Resiliency Task Force.

CURRENT INITIATIVES

Relative to the Sustainable Jersey action topics, resiliency is a relatively new area. In the immediate aftermath of Hurricane Sandy staff was mobilized to create The NJ Resiliency Network to provide immediate assistance to towns and research best practices. Listed below is the existing slate of actions that support strategies identified in this Focus Area.

STRATEGY 1: Identify the region's vulnerabilities to extreme weather and climate change

The Climate Adaption: Flooding Risk action was actually under development prior to Hurricane Sandy. The action development effort was accelerated in the wake of the storm and the action was introduced in 2013.

Action	Description	TNJ Towns Completing Action
Climate Adaption: Flooding Risk	Use the NJ Flood Mapper Tool to visually assess the community's vulnerability to flooding and complete the online Getting to Resilience: Community Planning Evaluation Tool to assess the town's readiness to deal with flooding situations.	7
Climate Adaptation: Extreme Temperature Event Plan	Develop an Extreme Temperature Event Plan that provides focus and direction for municipal staff and their partners, equipment and other resources to be deployed efficiently and judiciously in service to community needs during heat waves and cold snaps.	New in 2015

STRATEGY 4: Use green infrastructure to mitigate the impacts of extreme weather and climate change

The Sustainable Jersey program includes the following actions as effective ways to deal with stormwater. As climate change has led to more extreme weather events, the importance of and interest in these actions has increased significantly.

Action	Description	TNJ Towns Completing Action
Green Roofs	Retrofit municipal buildings with green roofs or include them on new construction.	2
Raingardens	Construct and maintain raingardens on municipal property to capture and filter stormwater runoff and divert water that would otherwise enter the combined sewer system.	49
Green Grounds and Maintenance Policy	Adopt a Green Grounds and Maintenance policy to ensure that municipally maintained parks, gardens, and landscaped areas are managed in the most efficient and environmentally friendly manner.	21

With the launch of the Sustainable Jersey for Schools program in October 2014, opportunities to promote green infrastructure education and strategies in schools were significantly increased. The initial slate of schools actions included the following:

Action	Description	TNJ Towns Completing Action
Green Infrastructure Assessment & Plan	Involve students in conducting an assessment of existing stormwater conditions of the school grounds and identify opportunities for installing green infrastructure.	New in 2015
Green Infrastructure Installation	Install green infrastructure on the school grounds to capture and treat stormwater	New in 2015

WHAT'S NEXT

In order to help bring order and coordination to the work of recovery and resiliency resource providers, and to support the development of a strategic approach for providing assistance to municipalities, the NJ Resiliency Network designed and delivered the "Post-Sandy Municipal Needs Assessment for Long-Term Recovery and Resiliency Planning." Over the spring and summer of 2014, staff used mixed methods approach, including interviews, surveys, and experiential learning, to complete a broad assessment of municipal needs utilizing input from 87 municipalities across the 10 coastal counties hardest hit by Sandy. The assessment results detail a number of challenges that municipalities continue to face to be more resilient including help with risk and vulnerability assessments; a lack of clarity about what constitutes an adequate effort to identify future risk; ongoing need for technical expertise on zoning and new ordinances to mitigate flooding impacts; and a need for funding to harden local infrastructure, public buildings and improve the resilience of local energy systems.

Key findings point to three challenges for New Jersey municipalities:

1. The need to improve the rigor and quality of municipal risk and vulnerability assessments
2. The need to expand and deepen local flood hazard risk reduction and resilience efforts
3. The need to harden critical public infrastructure, particularly energy systems

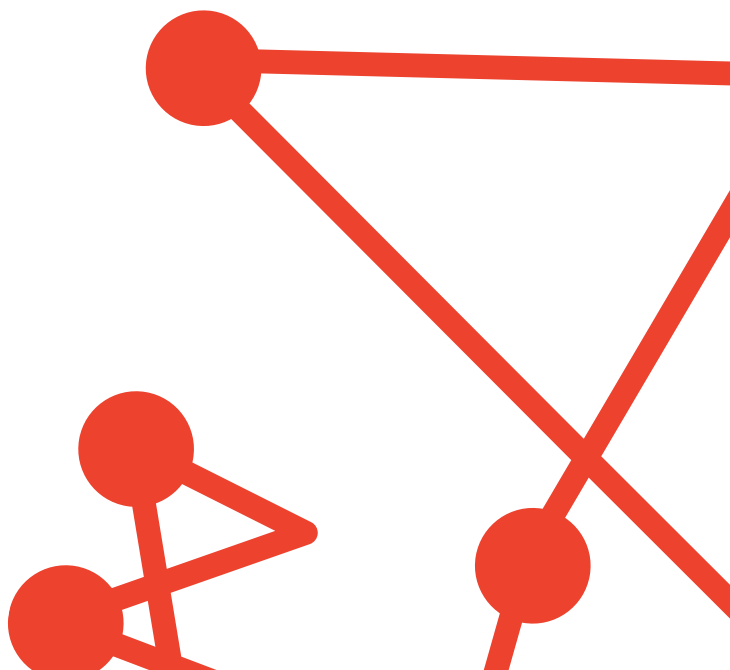
While some of the tools and resources needed by municipalities are currently available, they may not be fully accessible or affordable. Other resources do not currently exist, and should be brought to the attention of program, policy and decision makers to address those gaps. In direct response to the key findings of the survey, the NJ Resiliency Network will promote the continuation, development and improvement of the following strategies and approaches:

- A central hub of municipal resilience resources
- Risk and vulnerability assessment assistance
- Energy resilience tools and trainings
- Flood hazard mitigation engineering and design assistance
- On-going municipal outreach and synthesis of local funding needs

AREAS OF EXPLORATION

Based on the work of the NJ Resiliency Network and the initiatives identified in The Plan, Sustainable Jersey will the development of a suite of new actions aimed at enhancing the resiliency of New Jersey communities. Ideas include awarding points towards certification to a municipality that:

- Conducts a Vulnerability and Risk Assessment that analyzes the potential risks to community assets in all sectors – physical, environmental, economic, social and civic; conducts public outreach explaining the results of the assessment; and incorporates the results into its hazard mitigation plan and/or master plans.
- Participates in the FEMA Community Rating Systems (CRS) program in order to enhance local flood preparedness and mitigate the impacts of extreme weather.
- Identifies “communities of concern” (socially vulnerable populations) that are vulnerable to the impacts of extreme weather and climate change and documents their representation in hazard mitigation and resiliency planning.
- Implement emergency response communication protocols to ensure timely community communication about potential hazardous risks during extreme weather events.
- Amend land use regulations to discourage new development in highly vulnerable areas and requires the implementation of green infrastructure measures to fortify areas where development will occur.
- Incorporate maps and data from recent repetitive flooding, as well as areas potentially vulnerable to future flooding into the local master plan and/or master plan reexamination and hazard mitigation plan.
- Implement a voluntary buyout program as part of the county (or municipal) all hazards mitigation plan.
- Adopt municipal green infrastructure strategic plans that identify and prioritize cost-effective and appropriate sites for green infrastructure measures.
- Adopt an Urban Forestry Plan that maintains an increased tree canopy, particularly near pavement in order to reduce heat island effect and provide shading.
- Include green infrastructure measures into municipal stormwater management plans.
- Implement stormwater management regulations and practices for above-ground facilities to detain water (rainwater harvesting, rain barrels cisterns, and green/blue roofs), subsurface facilities for storage, (e.g. cisterns) and rainwater harvesting for water re-use (irrigation for landscaping and indoor water consumption).





FOCUS AREA 1 1: Transition to a “clean energy economy”

Supporting the transition to a “clean energy economy” is a major focus of the Sustainable Jersey program representing approximately a third of the activity in terms of both the number of certification points available and the number of actions successfully completed by program participants. The New Jersey Board of Public Utilities is one of the founding partners of the program, and along with several other State agencies, participates on the Sustainable Jersey Board in an Ex Officio Capacity. The practice area is supported by an active Energy Task Force comprised of representatives from state agencies, non-profits, academic institutions, and the business sector.

The Sustainable Jersey energy program covers all disciplines that combine to provide a more sustainable generation, resiliency, and alternative vehicles (particularly electric fueled vehicles). This results in several specific outcomes that impact sustainability at the municipal level and in the communities they serve:

- A portfolio of best practices that are shared and refined across communities.
- A proactive focus on more sustainable energy solutions within municipalities, and mechanisms for planning, taking action, and implementing projects. Each Sustainable Jersey town has created a “green team” to serve as the focal point for sustainability initiatives (including energy), and these teams have driven the implementation of thousands of sustainability projects.
- Increased adoption of advanced energy solutions (efficiency, renewables, etc.), specifically including expanded and more effective use of the NJ Clean Energy Program (NJCEP). Much of Sustainable Jersey’s effort is focused on making municipalities aware of NJCEP opportunities, and helping them use the program effectively. This is accomplished through outreach and education, supporting resources (guidebooks, web resources, etc), and direct support (help desk functions). In essence, Sustainable Jersey has become the defacto “support center” for sustainable energy efforts by NJ municipalities, and is the “go to” resource for best practice development and use.

As a result, both the existing Sustainable Jersey energy action portfolio and future plans are closely aligned with the TNJ strategies and actions in this focus area. Many of the 287 Sustainable Jersey registered municipalities in the TNJ region have demonstrated progress in this area through the successful completion of Sustainable Jersey actions and energy related projects funded by the Sustainable Jersey Small Grants Program and will continue to move forward as the program evolves.

CURRENT INITIATIVES

As an overarching theme, Sustainable Jersey strives to raise the awareness of how greenhouse gas emissions (GHG) have many economic and environmental consequences that directly affect quality of life. The program includes three actions that encourage communities to examine their emissions levels and identify a set of strategies and actions designed to lower them:

Action	Description	TNJ Towns Completing Action
Municipal Carbon Footprint	This footprint measures the amount of GHG emissions produced by local government operations in a given year. It identifies the sources of emissions and enables a municipality to track its progress as it implements measures aimed at reducing emissions.	28
Community Carbon Footprint	This footprint is a measurement of the amount of GHG produced by the residents, schools, businesses, and industries in a community in a given year. The goal is to build awareness and support for actions that can reduce carbon emissions.	12
Climate Action Plan	A Climate Action Plan (CAP) establishes a timeline for achieving specific emission reduction goals, identifies key strategies for achieving these goals, and tracks progress through the use of measures or indicators.	4

STRATEGY 1: Reduce energy use through conservation and increased efficiency

Sustainable Jersey's Energy Efficiency action category focuses on supporting local government units to implement building efficiency solutions that reduce space and water heating and electricity consumption such as, but limited to lighting, improved building controls, building envelope improvements, and HVAC equipment. In addition, it recognizes the powerful role local governments can play in facilitating energy efficiency upgrades in commercial and residential sectors through education and outreach and innovative approaches to overcoming obstacles to implementation. Existing actions in this category include:

SPOTLIGHT

Livingston Township Energy Audit and Upgrade of All Buildings

In 2009, the Township of Livingston conducted energy audits of all 14 municipal buildings. The new town hall was not included because it was constructed using LEED principles so many of the upgrades implemented in other municipal buildings were included from the outset in this building. The Township evaluated the results of the audit and implemented upgrades at all of the 14 locations through the New Jersey Clean Energy Program's Direct Install incentive. Upgrades included lighting, HVAC, occupancy services, variable speed drive programmable thermostats, refrigeration measures, low flow water devices, and pipe insulation. Since implementing the upgrades, the Township estimates that it is saving a minimum of \$63,000 annually.

Action Category	Action	Description	TNJ Towns Completing Action
Energy Efficiency Measures on Municipal Buildings	Energy Tracking & Management	Track energy costs to understand the ways in which municipal properties consume energy and evaluate strategies that could save significant amounts of energy.	18
	Energy Audits	Conduct an energy audit of facilities owned and operated by the municipality to establish where and how energy is being used in buildings and to identify opportunities for energy and cost savings. An audit is the first step in many of the NJCEP options.	116
	Implement Energy Efficiency Measures	Implement energy efficiency measures. Most of the work done under this action makes use of the incentives provided by the NJCEP.	116
	Sustainable Energy Transition Plan	Outlines a prioritized set of building upgrades to be done, identifies how they will be implemented including NJCEP incentive use, financing strategies, and procurement approaches, and includes a formal commitment for implementation. In many cases, the plan is based on using the Energy Savings Investment Program (ESIP) framework for the project, which combines an optimal set NJCEP incentives with a financing structure that is cash-flow positive.	New in 2015
	High Performance Building	Demonstrate top energy performance for a single municipal building.	3
	High Performance Building Portfolio	Demonstrate whole portfolio energy performance improvements over time.	1
Municipal Outreach Efforts to Promote Energy Efficiency in the Business Community	Direct Install Outreach Campaign to Local Business Community	Implement a municipal initiative to increase small businesses' awareness and use of the NJCEP's Direct Install option. Direct Install pays for 70% of the cost of making buildings more energy- efficient.	6
	Achieving Target Increase in Local Business Direct Install Participation	Achieve a target goal of 5% local business participation rate in the Direct Install program	0

Action Category	Action	Description	TNJ Towns Completing Action
Municipal Outreach Efforts to Promote Energy Efficiency to Residents	Home Performance with Energy Star Community Outreach	Conduct an education and outreach program to help homeowners take advantage of the NJCEP, save money, and improve the energy efficiency of their homes.	2
	Home Performance with Energy Star Municipal Program	Implement a "Town-Wide Home Energy Assessment and Upgrade Program" that includes the identification of a single, municipally-approved contractor to perform energy audits through a competitive RFP process.	3
Raise Consumer Awareness of Energy Conservation and Energy Efficiency Solutions	Energy Education & Outreach	Provide energy education and outreach to residents and businesses about the many actions they can take to improve energy efficiency and reduce greenhouse gas emissions.	10
	Green Building Education	Provide educational information to residents to facilitate the incorporation of green building elements in residential projects.	3

SPOTLIGHT

Highland Park Completes Energy Audits on 10% of Its Homes

With the support of a Climate Showcase Communities grant from the USEPA, the Borough of Highland Park was able to develop and staff an effort to encourage residents to get a home energy audit and take advantage of the incentives provided by the New Jersey Clean Energy Program's Home Performance with Energy Star. As part of this effort, the borough issued an RFP to select a certified contractor to perform high-quality audits at a fixed price for Highland Park residents. A letter was then sent to more than 2,500 households announcing the home energy assessment program. The program was also promoted on a billboard as well as in multiple community newsletters. On May 24, 2012 a workshop was held for residents that reviewed all of the home improvement programs available through the borough, including the home energy assessment program. As result of this effort, energy audits were completed on 10% of Highland Park's homes and the participation rate in Home Performance with Energy Star program was seven times higher than the historical average.

Sustainable Jersey is promoting the statewide alignment of local policies that encourage the incorporation of increasingly aggressive “green design” standards (such as LEED and Energy Star) and high performance building practice into codes, ordinances, and standards, especially for new construction through its Green Design action category. Actions in this category include:

Action	Description	TNJ Towns Completing Action
Green Building Policy/Resolution	Adopt a policy by resolution that supports green building design and operating practices for municipal facilities.	30
Green Building Training	Municipal staff and volunteers (board members) that regularly interact with builders and developers participate in one or more green building training sessions to improve their knowledge of green building to facilitate its implementation throughout the community.	2
Create Green Development Checklist	Provide energy education and outreach to residents and businesses about the many actions they can take to improve energy efficiency and reduce greenhouse gas emissions.	10
Site Plan Green Design Standards	Adopt an ordinance to amend the municipality’s Site Plan checklist to include green design standards.	5

Efforts to promote the adoption of both conservation and efficiency measures, and include educational content in NJ schools that instill both conservation practices and energy awareness in students are also included in the Sustainable Jersey program. The municipal program includes the following actions focused on schools and student learning:

Action	Description	TNJ Towns Completing Action
Education for Sustainability Programs	Education for Sustainability (EfS) Programs engage schools and communities in learning together for a sustainable future by building partnerships between local government, communities, and schools.	41
School-based Energy Conservation Programs	School-based Energy Conservation Programs promote school participation in existing energy conservation/education programs. Schools can choose from existing programs that are correlated with the NJ Core Curriculum Content Standards and provide lessons about the importance of energy conservation.	3

STRATEGY 2: Transition to carbon-free electricity generation, including increased use of renewables

Local government can help drive the transition to carbon-free electricity generation by increasing the use of renewable energy sources to meet its energy needs and facilitating residential and commercial renewable energy usage by making it easier and more cost effective to obtain. The following Sustainable Jersey actions focus on these two areas:

Action Category	Action	Description	TNJ Towns Completing Action
Municipal Implementation of Sustainable Energy Projects	Geothermal Energy	Install geothermal technology at a new or existing municipal facility and educate the community about the project.	1
	Solar	Install solar technology at a new or existing municipal facility and educate the community about the project.	36
	Wind	Install a wind power system at a new or existing municipal facility and educate the community about the project.	4
Facilitation of Residential and Commercial Energy Usage	Wind Ordinance	Implement a zoning ordinance that facilitates the permitting of small wind energy installations while protecting public health and safety.	14
	Renewable Government Energy Aggregation	Implement a Government Energy Aggregation program that includes renewable energy content. With this approach, the municipality is making a "group purchase" of electricity for the entire community that makes consumer access to renewable energy safe, convenient, and affordable.	New in 2015

STRATEGY 4: Reduce transportation petroleum use

Since its inception in 2009, Sustainable Jersey has recognized municipalities that have made strides to reduce the petroleum usage of its internal fleet. In addition, through its Small Grants Program and the introduction of two new actions in 2014, the program encourages the development of public charging infrastructure for electric vehicles. The specific actions include:

Action Category	Action	Description	TNJ Towns Completing Action
Greening the Municipal Fleet	Driver Training to Improve Fuel Efficiency	Provider staff driver training courses and promulgate policies to educate those operating the municipal fleet about driving behaviors that can generate fuel savings of at least 5%.	3
	Purchase Alternative Fuel Vehicle	Purchases one or more on-road efficient hybrid, alternative fuel, or electric vehicle(s).	15
	Fleet Inventory	Perform a fleet inventory to evaluate current vehicles and equipment and identify where environmental impact and fuel efficiency might be improved.	39
	Vehicle Conversions	Convert existing fleet vehicles to cleaner and more efficient fuel sources to improve the performance of the municipal fleet.	3
	Meet Target for Green Fleets	Achieve an average fleet fuel efficiency of 35 miles per gallon for all light duty vehicles or by achieving a 20% reduction in fuel usage within four years of a documented baseline.	1
Electric Vehicles	Make Your Town Electric Vehicle Friendly	Update zoning and parking policies to encourage development of EV charging stations and select to additional initiatives from the list below: • Update local building ordinances to require pre-wiring for EV chargers on certain properties. • Have local official participate in training and education programs. • Secure commitments from three local partners to provide workplace charging stations. • Secure commitments from three local multi-family dwelling units to provide methods for enable overnight residential charging stations. • Host an electric vehicle awareness event	New in 2015
	Public Electric Vehicle Charging Infrastructure	Build publicly available charging stations for electric vehicles.	New in 2015

WHAT'S NEXT

The Sustainable Jersey Energy Task is actively working on new actions to extend the reach and impact of the program in the state. The new actions that are scheduled to be incorporated into program by year-end 2015 include:

Make Your Town Solar Friendly

This action will encourage municipalities to take action to make it easier and more cost effective for residents and businesses to install solar generation systems on their properties. A primary factor affecting increased adoption of on-site solar energy generation technology is the “friendliness” of the municipality to the zoning and permitting of those systems. First, restrictive ordinances have become a significant barrier in many NJ communities, and those restrictions are negatively affecting the deployment rate of on-site solar. In addition, as hard costs (like PV panel prices) have dropped, “soft costs” such as engineering and permitting have become dominant cost drivers. A municipality can therefore help encourage solar adoption by creating zoning ordinances that are supportive, and making permitting process and other changes that facilitate project development and reduce those soft costs. In addition, other factors – such as increasing general awareness, and preparing municipal staff (including first responders) through solar-specific training, will directly help mature the solar market in NJ and reduce barriers. As more sites (both residential and commercial) generate their own solar electricity, overall energy sustainability increases through decreased GHG emissions and reduced dependence on fossil fuels. Increased use of distributed generation, as implemented through these on-site solar systems, can also provide increased energy resiliency and other grid-wide benefits (load leveling, power quality improvements, etc).

Community Procurement of On-Site Solar

NJ has one of the most developed and mature solar markets in the country, especially for “Behind The Meter” solutions that are net metered and directly offset consumer purchase of (relatively unsustainable) utility power. One consequence of that success, however, is that many of the “early adopters” have already built systems, easy and lucrative projects have already been cherry-picked, and the next phase of adoption is more difficult. To achieve the higher levels of solar penetration needed, barriers related to cost, awareness, trust, and convenience must be addressed. Many potential customers are not “going solar” because the process is complicated, risky, and not as cost effective as possible. A potential solution to these problems are “community buying programs” in which the municipality institutes a bulk purchasing arrangement that offers price discounts based on volume, a simplified purchasing experience with reduced consumer risk, and the “adoption lift” that comes from competition among neighbors. By serving as procurement facilitators and aggregators, barriers to solar adoption can be reduced and more people will participate in solar. Programs of this type have been trialed in NJ and other places around the country, and have been shown to increase adoption and lower costs significantly. These community-facilitated procurement programs represent the next step of solar market development in NJ. This action will guide municipalities through the process and recognize those that successfully implement these cutting edge programs.

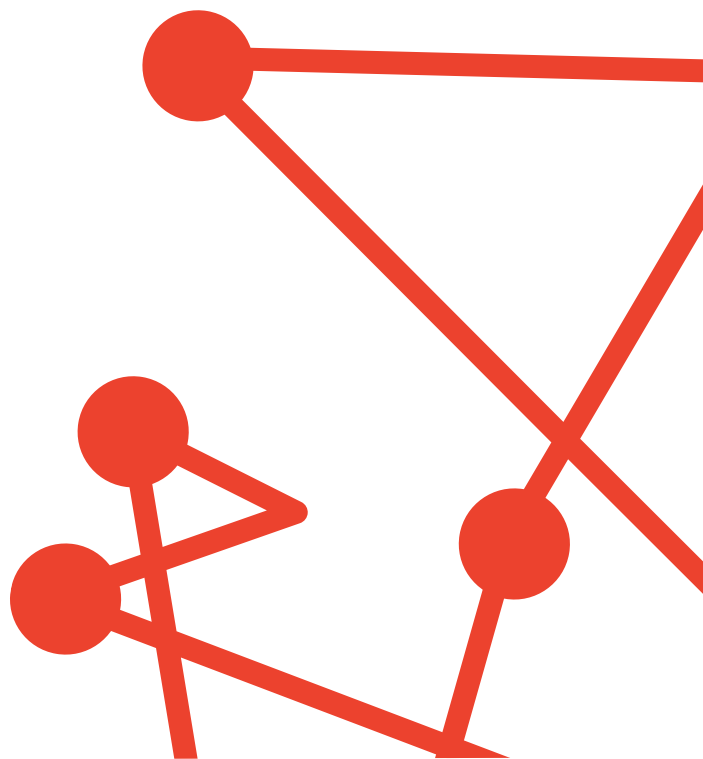


Municipal Purchase of Renewable Energy

Some municipalities have the opportunity to build generation systems (like solar) on their sites, and generate their own renewable power. For many municipalities, however, on-site renewable generation is not an option due to site or other constraints, or the on-site system can only provide a fraction of the energy needed. In those cases, the municipality must make use of renewable energy delivered through the traditional wholesale market/utility channel. When buying power through a third party supplier, especially when participating in an aggregation pool, the municipality can direct the type and amount of renewable energy provided, and frequently realize cost savings as well. All the benefits associated with renewable energy, including greenhouse gas reduction, reduced dependence on fossil fuels and associated cost volatility, local job creation, and reduced pollution and other environmental and public health impacts are also realized. This action will provide guidance to a municipality on buying electricity from a renewable source through a third party supply contract. The municipalities can contract directly for their electricity with inclusion of at least 20% renewable content, or more commonly, join an aggregation buying pool that offers renewable energy as an option.

AREAS OF EXPLORATION

In support of the TNJ Action Plans Sustainable Jersey will continue work through its Energy Task to integrate applicable actions into the program. Fruitful areas for the development of new actions include Combined Heat and Power (CHP) and heat pumps (especially geothermal), travel demand management programs to reduce vehicle miles traveled, and alternative fuel readiness plans (not just EV).



SPOTLIGHT

Morris Plains Community Garden

The Morris Plains Community Garden opened March 15, 2011. The Beautification Committee of Morris Plains, along with the Borough Council, believed the garden would offer an opportunity for all generations to garden and learn together. The Borough Council provided a fence surrounding the area to deter animals, and a local farmer tilled the ground. The County Agricultural Agent from Rutgers Cooperative Extension, provided gardeners with a “bug walk” to help identify potential pests in the garden. Due to popularity, the Beautification Committee and Borough Council added additional plots in April 2012. The garden now offers 30 small plots and 39 large plots. As a community outreach project, the Beautification Committee dedicates one large plot to the Interfaith Food Pantry. Proceeds from this plot, along with overflow vegetables from other gardeners are distributed several times a week to the food pantry. On a daily basis, George Ross, creator of the Community Garden and a member of the Beautification Committee, gardens and answers questions for the local gardeners, who are able to harvest produce through the fall.

FOCUS AREA 12: Improve health outcomes for our region’s residents

The most important health challenges communities face today are interdependent – they cannot be solved in isolation. Throughout New Jersey formal and informal coalitions of diverse community-based organizations have formed to tackle the health needs of their communities. Sustainable Jersey seeks to motivate local governments to become engaged in these efforts by implementing policy and environmental change solutions to build healthier communities

CURRENT INITIATIVES

STRATEGY 1: Integrate public health considerations in all aspects of planning and policy-making

Sustainable Jersey is an active member of the New Jersey Health Impact Collaborative (NJHIC). Health Impact Assessment (HIA) is a fast-growing practice in the US that provides practitioners and policymakers with a tool to consider the health outcomes of decisions. The NJHIC is currently undertaking a variety of HIA projects to illustrate the benefits of this practice in New Jersey and gather insights into implementing it on a wider scale. From this effort, Sustainable Jersey will develop a toolkit of HIA action for municipalities.

STRATEGY 2: Increase access to affordable, healthy foods and maximize access to locally produced fresh food

Listed on the next page are the Sustainable Jersey actions focused on increasing access to affordable, healthy foods. Community gardens and farmers’ markets are sprouting up all over New Jersey in response to increased demand for fresh food. Community gardens in particular provide a wide range of benefits by increasing local production and access to affordable healthy food which is especially important in underserved communities. In many communities a portion of the garden’s output is donated to local food banks or distributed through the local channels of collaborating non-profit organizations.

Action	Description	TNJ Towns Completing Action
Community or School Gardens	Establish and support community and/or school gardens	67
Buy Fresh, Buy Local Programs	Establish a “Buy Fresh Buy Local – Jersey Fresh Campaign” which includes a listing of all local farms, farmers’ markets, CSAs, commercial gardens, restaurants and food businesses that sell or use agricultural products grown or produced in NJ that are located in the municipality.	18
Farmers Markets	Coordinate and support a local farmers’ market	67
Making Farmers Markets Accessible	Ensure the local farmers’ market is accessible either by locating it within a quarter mile of a transit stop or providing community transportation to the market AND having at least one vendor that accepts EBT.	30

STRATEGY 4: Enhance health education programs

The Affordable Care Act’s increased emphasis on prevention has placed a renewed emphasis on health education programs. The following Sustainable Jersey actions focus on community based health education initiatives.

Action	Description	TNJ Towns Completing Action
Building Healthier Communities	Participate in the Mayors’ Wellness Campaign or similar initiative promoting health education and wellness activities.	44
Lead Education and Outreach Programs	Conduct lead educational programs directed at residential property owners and tenants, community-based organizations, child care providers, public and residential building maintenance staff, and health and housing related boards and commissions, to raise the community’s awareness about and response to lead poisoning hazards.	17

STRATEGY 5: Create safe, healthy buildings, neighborhoods and communities through planning and design

Sustainable Jersey strives to encourage and support municipal action to strengthen policies, improve practices and create environments that are driven by the best available evidence and knowledge, to promote good health for all.

Action	Description	TNJ Towns Completing Action
Smoke-Free and Tobacco-Free Public Places	Pass an ordinance to prohibit smoking and tobacco use (including electronic smoking devices) at parks, recreational areas, boardwalks, and beaches.	New in 2015
Lead-Safe Training Programs	Train and equip municipal staff with the tools to inspect, evaluate and remediate buildings and sites where there is a risk of environmental lead poisoning.	5
Safe Routes to School	Implement Safe Routes to School Program.	16
Complete Streets Program	Adopt a Complete Streets Policy that ensures that each street is planned, designed and operated to provide safe access for multiple users.	30
Bicycle and Pedestrian Audit	Identify areas in the community where safe, comfortable, accessible and welcoming environments for pedestrians and cyclists can be created or improved.	7
Bicycle and Pedestrian Plan	Adopt Bicycle and/or Pedestrian Plan as part of the municipal Master Plan that will ensure that all members of the community have the choice to safely bicycle and walk to work, to school, to shopping and to other destinations as an integrated part of the transportation system.	6
Green Building Policy/Resolution	Adopt a policy by resolution that supports green building design and operating practices for municipal facilities.	30
Green Building Training	Municipal staff and volunteers (board members) that regularly interact with builders and developers participate in one or more green building training sessions to improve their knowledge of green building to facilitate its implementation throughout the community.	10
Create Green Development Checklist	Incorporate a Green Development Checklist into the Site Plan/Subdivision approval process by ordinance.	2
Site Plan Green Design Standards	Adopt an ordinance to amend the municipality's Site Plan checklist to include green design standards.	5

WHAT'S NEXT

The Sustainable Jersey Health and Wellness Task Force is actively working on new actions to extend the reach and impact of the program in the state. The new actions that are scheduled to be incorporated into program by year-end 2015 include:

Health Impact Assessment

In January 2015, the Sustainable Jersey Certification Standard Committee approved the development of two new actions and the modification of two existing actions to related to integrating Health Impact Assessment into municipal decision making. They include:

HIA Professional Development: The goal of this action is to build local capacity and knowledge about health impact assessments by requiring local officials to attend HIA or HIAP (Health in all Policy) training. After the training session, the attendees would be required to report on lessons learned and opportunities for incorporating health issues into the planning process at a regularly scheduled public meeting. The training exercises and the subsequent exchange of information at the public meetings are an important “building block” of the local HIA process and increases public and professional awareness of the process and the opportunities the HIA presents.

Extreme Temperature Event Plan: An Extreme Temperature Event Plan allows communities to be prepared for expected changes in the frequency, magnitude, and duration of extreme temperature events associated with our changing climate. The plan focuses on avoiding severe human health impacts related to extreme heat or cold exposure resulting from heat waves, cold spells, or disruptions to electricity distribution that may prevent the normal functioning of residential heating and cooling systems. The action encourages communities include a “health impact monitoring and evaluation element” in the plan which identifies and maps the incidences of ill health and fatalities that are attributable to extreme temperature events.

Integrating Health Impacts into the Bicycle and Pedestrian Plans: This action will build off of the extensive research and best practice knowledge garnered from national and NJ focused HIAs on bicycle and pedestrian plans and would recognize communities for updating or developing a new Bicycle and Pedestrian Plan that incorporates health policies, indicators, and planning practices that support healthy communities.

Integrating Health Impacts into Complete Streets Program: This action would build off of the extensive research and best practice knowledge garnered from national and NJ focused HIAs on Complete Streets Programs. Sustainable Jersey would recognize communities for updating or developing a new Complete Streets Program that incorporates health policies, indicators, and planning practices that support healthy communities.



Backyard Chicken Ordinance

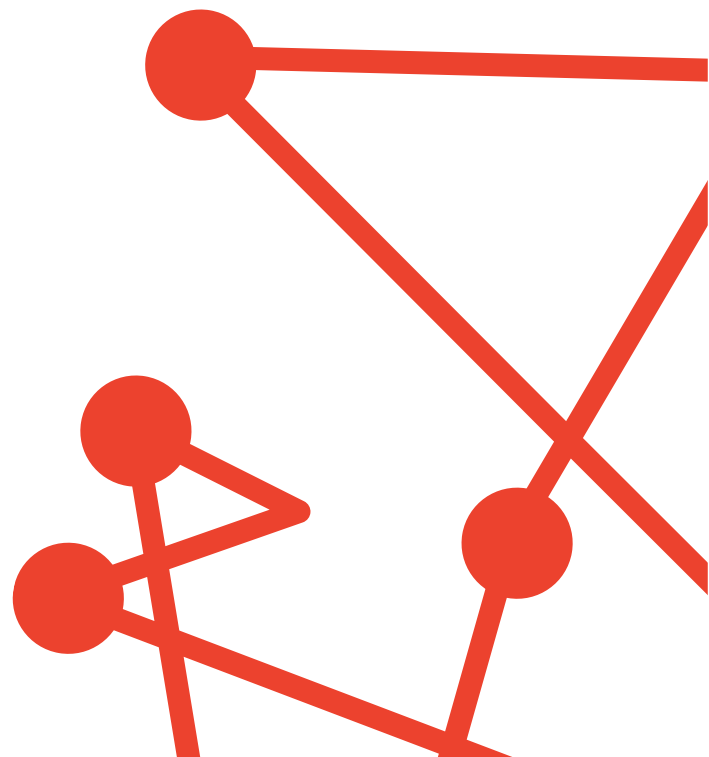
Across New Jersey there has been increasing interest in homesteading among residents seeking to maintain a healthy, sustainable lifestyle that is chemically-free and locally-based. Raising chickens for eggs provides educational opportunities, insect control and money saving opportunities for residents to access affordable healthy food. The action would provide a model backyard chicken ordinance that would recognize the value of homesteading efforts and remove any real or perceived restrictions to this practice in current municipal ordinances or policies.

Safety by Design

This action seeks to promote safety in parks and recreation areas by addressing the concerns of local residents and improving the design of the park to reduce opportunities for crime and the perception of crime. This is done in the hopes that reducing crime in parks will lead to increased community use of the parks, which is part of fostering a healthy community. In order to complete this action, the communities will have to choose a public park and conduct a CPTED (Crime Prevention through Environmental Design) Safety Audit. The audit will allow communities to identify potential weaknesses in the design of the park and opportunities for improvement. It also educates decision makers about the principles of designing out crime which can then be used when designing future structures and areas. In order to maximize the benefits to all community members and to consider various perspectives, communities are also asked to conduct a survey of local community members on their opinions and perceptions of the park, as well as general park usage. After the audit is completed by the group of volunteers and local professionals (police officers, code enforcers, civil engineers etc.), the community will need to draft a report on how the identified issues can be addressed using the CPTED principles.

AREAS OF EXPLORATION

In support of the TNJ Action Plans Sustainable Jersey will continue work through our Health and Wellness Task Force to integrate applicable actions into the program. Fruitful areas for the development new actions include municipal-led initiatives related to radon education, testing and mitigation; and ordinances restricting the density of alcohol establishments, convenience stores, and fast food restaurants in communities; and billboards advertising unhealthy behaviors in residential areas.



FOCUS AREA 13: Improve stewardship of natural land, agricultural lands, open space, and parks

Stewardship of land resources through raising awareness, supporting the implementation of best practices, and providing financial resources to municipal green teams to undertake stewardship activities is a key component of Sustainable Jersey. Actions directly related to this topic are included in the Animals in the Community, Food, Land Use and Transportation, Natural Resources, and Operations and Maintenance program categories. In addition, nearly twenty percent of the grants awarded through the Sustainable Jersey Small Grants program to communities in the region have supported municipal green team efforts to preserve the ecological integrity of forests, fields, and wetlands.

CURRENT INITIATIVES

The current portfolio of Sustainable Jersey actions focuses on resource management, resource conservation, and maintenance of biodiversity on both public and private lands. Actions providing underlying support for the implementation of TNJ identified initiatives across the four strategies in this focus area include:

Action	Description	TNJ Towns Completing Action
Green Building and Environmental Sustainability Element	Adopt a Green Building and Environmental Sustainability Element of the municipality's Master Plan to guide land-use decisions and provide the basis for ordinances addressing sustainability and land use issues.	7
Environmental Commission	Adopt an ordinance to establish the Environmental Commission (EC) and appoint members to advise the municipal government and act as watchdogs for environmental problems and opportunities.	96
Natural or Environmental Resources Inventory	Complete a Natural or Environmental Resource Inventory (NRI/ERI) to index the natural resource characteristics and environmental features of the municipality. The document must be incorporated into the Master Plan.	64
Wildlife Interaction Plan	Develop a Wildlife Interaction Plan focused on effectively addressing current species-specific wildlife interaction conflicts in a way that balances community needs and with the ability of indigenous species to continue to thrive.	2

Additional actions more closely aligned with specific strategies are identified below.

STRATEGY 1: Improve stewardship of privately owned natural lands and green space

Improving stewardship on privately owned lands involves codifying standards based on best practices in municipal ordinances and raising awareness of the need to protect natural lands for the benefit of present and future generations through education and outreach efforts.

Action Category	Action	Description	TNJ Towns Completing Action
Caring for Conservation Easements	Easement Inventory and Outreach	Create an inventory of conservation easements that have been established as a result of site plan approval process and designed to protect natural resources. The inventory includes identification of existing easements along with the easement agreements or deed restriction language associated with the parcel.	7
	Easement Inspections and Evaluations	Perform site inspections of the easement lands and evaluate the current conditions. This information will serve as the basis for developing stewardship plans for the conservation easement parcels.	6
Natural Resources Protection Ordinances	Clustering Ordinance	Adopt a municipal residential clustering ordinance that protects environmentally sensitive areas of a development site and permanently preserve open space, natural features, and prime agricultural lands.	14
	Environmental Assessment Ordinance	Adopt a municipal Environmental Assessment Ordinance (sometimes called an Environmental Impact Statement Ordinance) that requires development applications to identify the proposed project's impact on natural resources including, but not limited to, water, soils, trees, vegetation, wildlife and habitat, and wetlands.	18
	Habitat Conservation Ordinance	Adopt a municipal Habitat Protection Ordinance to protect the natural habitat for a particular species or group of species.	2
	Tree Protection Ordinance	Adopt a municipal Tree Protection Ordinance to reduce tree loss or damage during development and construction, provide for tree replacements, or preserve environmentally significant trees and woodlands.	68

STRATEGY 2: Expand programs to preserve parks, open space, natural lands, and agricultural lands permanently

Sustainable Jersey encourages municipalities to develop and implement programs to preserve parks, open space, natural lands, and farmland through a transparent planning process that includes ample opportunity for public input.

Action	Description	TNJ Towns Completing Action
Farmland Preservation Programs	Develop a comprehensive Farmland Preservation Plan that contains, at a minimum, the 8 components identified in the SADC Plan guidelines or actively participate in the county Farmland Preservation Plan development process.	17
Open Space and Recreation Plan	Develop a comprehensive Open Space and Recreation Plan that examines the open space, recreation needs, and other resources that are important to the municipality, and lays out a plan of action to protect and maintain these places.	54

SPOTLIGHT

Metuchen Provides Recreational Opportunities For Residents

In an effort to provide healthy recreational opportunities for residents and a chance to experience and appreciate nature close to home, Metuchen implemented coordinated efforts to expand access to the Borough's section of the Dismal Swamp by foot and by boat. The Environmental Commission worked with a Metuchen Boy Scout to complete his Eagle Scout project to clear a pedestrian trail on the Borough-owned former railroad embankment. The Opalanie Trail runs through the Metuchen portion of the Swamp from a parking lot adjacent to the Middlesex Greenway, crossing the Dismal Brook, to the intersection of Durham Avenue. The Metuchen Department of Public Works assisted by delivering a pile of wood chips to the west end of the trail and removing debris after the project. Debris removed included bags of litter, large pieces of dead trees, old tires, and recyclable metal such as an abandoned trailer. A walk along the Opalanie Trail is now featured stop on the EcoTours of Edison. Environmental Commission members and other local environmentalists, residents and Boy Scouts have continued to venture into the Dismal Swamp on the Dismal Brook with kayaks and tools, clearing a water trail to allow public access on land and water from Metuchen toward the Edison Wetlands Association's Triple C ranch site. These adventures have been twice a year, in the spring and in the fall. The Environmental Commission also worked with the Middlesex County Mosquito Commission to improve drainage along the Bound Brook in the Dismal Swamp and along the Middlesex Greenway and its proposed extension route.

STRATEGY 3: Improve stewardship of public parks, open space, and natural lands

The unfortunate reality is that many lands under public ownership are at risk due to pollution, invasive species, erosion and other human-caused and natural phenomena including neglect. Sustainable Jersey actions that support this TNJ strategy are aimed at assisting green teams in taking stock of their community's natural resources and implementing policies and programs to effectively carry out stewardship activities.

Action Category	Action	Description	TNJ Towns Completing Action
Tree and Woodlands Management	Community Forestry Plan and Tree Cover Goal	Develop a Community Forestry Management Plan that meets the NJ Department of Environmental Protection's Community Forestry Program standards according to the NJ Shade Tree and Community Forestry Assistance Act ("the CF Act").	53
	Tree Hazard Inventory	Complete a Tree Hazard inventory to identify trees with structural defects that could cause property damage or personal injury.	11
	Tree Maintenance Programs	Implement a Tree Maintenance Program that focuses on preserving the street tree coverage, reducing tree hazard conditions, promoting healthy tree form and structure, and reducing tree liability in the community.	30
	Tree Planting Programs	Implement a Tree Planting Programs that focuses on expanding street tree coverage, creating new canopy cover around municipal buildings and schools, enhancing parks and recreation sites, establishing forest cover on municipal open space, and reducing heat island impacts in urban settings.	33
	i-Tree Assessment of Municipal Trees	Complete an i-Tree Assessment of Municipal Trees to collect information on the value and benefits of the community tree resources and inform decision making regarding investment in stewardship, operations, and maintenance.	1
Green Grounds and Maintenance	Green Grounds and Maintenance Policy	Adopt a Green Grounds and Maintenance policy to ensure that municipally maintained parks, gardens, and landscaped areas are managed in the most efficient and environmentally friendly manner.	
	Efficient Landscape Design	Implement the principles of efficient landscape design at least one municipal building site or park.	7
	Integrate Pest Management (IPM)	Create an IPM Policy and IPM Implementation Plan for all municipally-owned land that reduces or eliminates the use of pesticides.	6

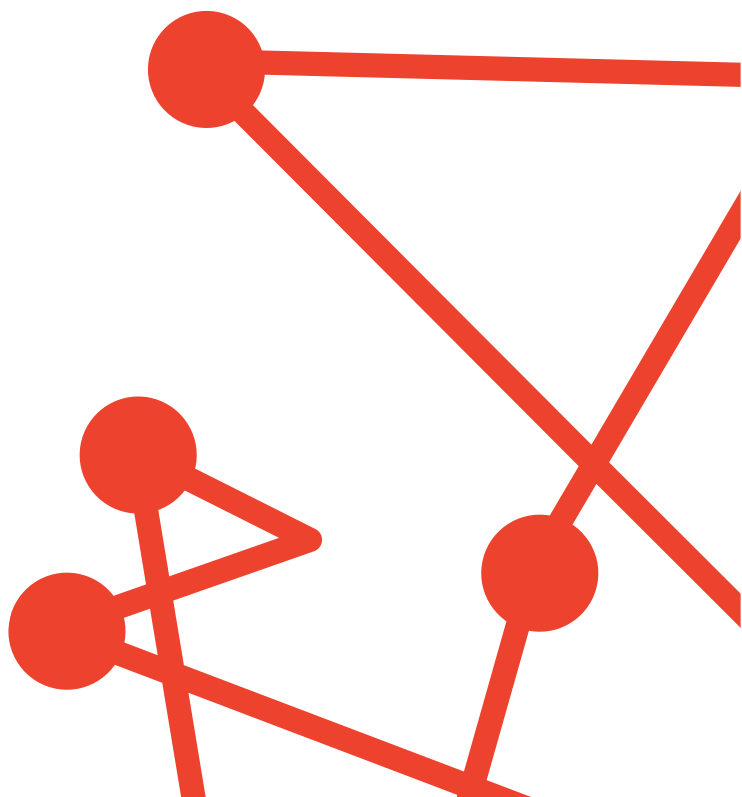
WHAT'S NEXT

Sustainable Jersey offers a comprehensive slate of initiatives that municipalities can undertake to protect natural lands. The resources include best practices, case studies, and model municipal ordinances for sound stewardship activities. New actions on the horizon include those fostering the protection of steep slopes and the stewardship of individual conservation easement parcels.

To support implementation of the actions Sustainable Jersey will continue to run ongoing stewardship education and outreach campaigns targeted toward government organizations, residents and businesses and provide resources to support local initiatives. Since 2009 Sustainable Jersey has provided nearly three hundred thousand dollars in grants to municipal green teams to fund stewardship activities. For example, Sustainable Madison received a twenty thousand dollar grant to restore the understory of a 20-acre wetlands and woodlands area. Similarly, Linden received the same amount to restore five acres of forested uplands and one acre of wetlands in the Hawk Rise Sanctuary to a healthy, sustainable and diverse native state that is essentially free of invasive plants and not threatened by overgrazing. The effort included planting a wide variety of native plant life to better accommodate the 123 bird species that have been sighted within the Sanctuary with additional food sources and shelter. The restoration effort is being complemented by seminars for Linden public schools and the community on the importance of environmental stewardship and greenway preservation.

AREAS OF EXPLORATION

In support of the TNJ Action Plans Sustainable Jersey will continue work through our Natural Resources and Transportation and Land Use Task Forces to integrate a comprehensive set of strategies to address the full range of urban, suburban, and rural open space land uses. This will include exploring the applicability of evolving land use strategies that use private market forces to permanently preserve land, including cluster, non-contiguous cluster, and TDR, and encouraging municipal governments to set stewardship priorities as part of their conservation planning.



SPOTLIGHT

Keyport Installs Raingardens

Keyport installed raingardens as part of its waterfront promenade and park in 2010. The Keyport Garden Club (KGC) was enlisted by Borough Council to help create, design, and plant the raingardens to capture water drained from a large adjacent parking lot before finding its way into the Raritan Bay. Monmouth County Master Gardeners helped select native and other plants that can tolerate bay water. Keyport's Public Works Department prepared the site and the Borough purchased the plants. The gardens were planted by KGC and Monmouth County Master Gardeners. When Hurricane Sandy hit, the raingardens were covered with over six feet of bay water. Most plants survived. Some were lost and some were severely compromised. Fresh soil was put down and raingardens were rejuvenated with some new plants donated by local nurseries. Keyport also received some financial assistance from a sister garden club in Bridgewater, NJ. The raingardens rebounded and were restored to their original beauty.

FOCUS AREA 14: Manage water systems to improve water quality and supply

The following Sustainable Jersey program actions support the implementation of the TNJ strategies identified for this focus area.

CURRENT INITIATIVES

STRATEGY 1: Improve management of stormwater runoff

Action	Description	TNJ Towns Completing Action
Green Roofs	Retrofit municipal buildings with green roofs or included them on new construction.	2
Raingardens	Construct and maintain raingardens on municipal property to capture and filter stormwater runoff and divert water that would otherwise enter the combined sewer system.	49
Upgrade/ Retrofit – Water Conservation	Identify and implement water conservation measures in municipal facilities.	5

STRATEGY 2: Protect water supplies through planning and enforcement

Action	Description	TNJ Towns Completing Action
Water Conservation Ordinance	Implement ordinance aimed at curtailing unnecessary water waste during short-term drought periods and avoiding recurrent water emergencies caused by late summer "drought."	6
Water Conservation Education Program	Conduct an education program that informs residents and business of the need to use water resources in a sustainable manner.	23
Prescription Drug Safety & Disposal	Provide readily accessible drop-off locations for expired or surplus pharmaceuticals. Traditionally, people have been encouraged to flush drugs down the toilet, but negative environmental impacts to waterways have been identified. Scientific studies have shown that pharmaceuticals – including antibiotics, anti-convulsants, mood stabilizers and sex hormones are commonly found in trace amounts in drinking water supplies.	35

STRATEGY 3: Reduce or eliminate combined sewer overflows (csos)

Although Sustainable Jersey does not include actions specific to reducing or eliminating combined sewer overflow, it does include the Green Roofs and Raingardens actions. In addition, many of the events green teams host in connection with the Community Education and Outreach action deal with on-site stormwater management topics such as rain barrels and the Sustainable Jersey Small Grants Program has funded several projects in this vein. The following chart describes selected Sustainable Jersey Small Grants Program projects.



Municipality	County	Small Grants Project
Andover Township	Sussex	Address stormwater management via a comprehensive raingarden initiative.
Hoboken City	Hudson	Identify and prioritize opportune locations for stormwater curb extensions. The RCE Water Resources Program will assist in the design of stormwater curb extensions and selected locations and the City of Hoboken will install two demonstration curb extensions. This demonstration project will help inform and evaluate the potential for green infrastructure solutions to urban stormwater runoff challenges and the results will be shared with other urbanized communities throughout the region.
Island Heights Borough	Ocean	Island Heights will transform public parking lot medians adjacent to the Barnegat Bay Estuary, an estuary of national significance, into an innovative bio-swale that incorporates native plantings, public information, and local art while helping to absorb and treat stormwater runoff and address non-point source pollution. The completed project will be a beautiful, functional, and adoptable example of a green technology for homeowners, borough officials, neighboring towns, and county representatives.
Livingston Township	Essex	Feasibility study for reclamation and reuse of wastewater.
Mahwah	Bergen	This project will aim to create an intermunicipal/interstate collaborative workshop with the intent of educating municipal decision makers, commissions and green teams on the vital importance of understanding the ecological processes of the green infrastructure. The workshop will strive to promote better land use decision making based on ecology as well as using the green infrastructure to help communities to mitigate flooding, add biodiversity and habitat as well as air and water quality improvements.
Mansfield	Warren	Educate residents, including school age children, on the values of water conservation by means of a rain barrel workshop.
North Bergen Township	Hudson	The North Bergen Green Team, in concert with Township administration will renovate the municipal garden at town hall and utilize recycled water via a small cistern system. The project team will draw upon partnerships with local and neighboring governmental entities and execute education and demonstration activities to promote environmental awareness and provide modeling that will lead to other similar installations within the township and beyond.

Municipality	County	Small GrantsProject
Nutley Township	Essex	The Township of Nutley's Water Conservation Challenge will engage residents to monitor their water consumption over a 12-month period and employ conservation efforts to ultimately reduce their individual utilization. For those whose water consumption rates are reduced by 25% more, the Township will offer them a beautiful terra-cotta rain barrel complete with a downspout diverter (installed by Water Department personnel.) For all others who join in the challenge and realize a water consumption reduction of less than 25% but greater than 10% they will be given a car magnet that will be professionally screened with both the Sustainable Jersey Logo and Green Nutley logo identifying them as a Water Conservation Challenge Champ.
West Orange Township	Essex	Water conservation education including artist-painted rain barrels installed in public spaces, rain barrels distributed at low cost to residents, promotion of local tap water instead of bottled water use.

WHAT'S NEXT

Sustainable Jersey is actively working on implementing a Stormwater Ordinance action. In order to earn points in the program communities will need to adopt an updated stormwater ordinance that meets the minimum standards contained in the model ordinance provided. Additionally the town's land development checklist will need to be updated to require the submission of stormwater information that meets the new ordinance's technical standards.

Stormwater management measures for major and minor (optional) development must meet the erosion control, groundwater recharge, stormwater retention, stormwater runoff quantity, and stormwater runoff quality standards. To the maximum extent practicable, these standards shall be met by incorporating nonstructural stormwater management strategies into the design. If these strategies alone are not sufficient to meet these standards, structural stormwater management measures necessary to meet these standards must be incorporated into the design.

The standards in the ordinance apply only to new major and minor (optional) development as well as redevelopment areas. They are intended to minimize the impact of stormwater runoff on water quality and water quantity in receiving water bodies and achieve additional environmental benefits including maintaining groundwater recharge. Sustainable Jersey will conduct community training sessions on the importance of stormwater management and the forthcoming model ordinance when the action is implemented.

AREAS OF EXPLORATION

Additional action ideas generated through the TNJ planning process that could be integrated into the Sustainable Jersey program include:

- Adopting new water pricing structures that encourage conservation. The Sustainable Jersey already includes a similar usage based pricing structure action entitled Pay-As-You Throw Program in the Waste Reduction category.
- Adopting asset management planning, including facility condition assessments, to prioritize drinking water and sewer pipes upgrades and maintain a state-of-good repair

FOCUS AREA 15: Revitalize and strengthen communities by expanding arts and cultural opportunities

Sustainable Jersey's Arts and Creative Culture suite of actions focuses on planning for cultural development (Strategy 3). The goal is to raise awareness of the strength of the existing assets in a community and guide it in developing strategies to build and capitalize upon these strengths. The suite walks towns through the foundational steps of establishing a creative team, and completing a creative assets inventory, and then through the process of developing a creative placemaking plan that outlines a vision and strategies for making the community more livable and prosperous through the arts.

CURRENT INITIATIVES

STRATEGY 3: Plan for Cultural Development

Action	Description	TNJ Towns Completing Action
Establish a Creative Team	Appoint a creative team to establish a vision for the community and how the arts and culture can contribute to its future. At minimum, the team must consist of an elected or appointed official, two artists or arts leaders who live/or work in the community, a business leader, a representative from the educational community, and a member of the green team.	10
Creative Assets Inventory	Create an inventory of the municipalities cultural, historic, natural, creative and human resources. The inventory typically includes information on local artists, cultural activities and events, buildings/venues, and arts and community organizations, but can also include resources like parks, local historic buildings, restaurants, etc. that fit within the greater cultural context of the community. It facilitates the flow of information between interested stakeholders and creative individuals, professionals, and entities within the municipality by providing a clearinghouse for arts and cultural information.	5
Creative Placemaking Plan	Develop a Creative Placemaking Plan through a collaborative process that includes partners from the public, private, non-profit sectors and draws the connections among cultural, community and economic development. The needs to be accepted by a Resolution of the Municipal Planning Board or incorporated into the municipality's Master Plan, Economic Development Plan, or Business Improvement District Plan.	0

SPOTLIGHT

Jersey City Takes Steps to Revitalize Its Communities Through the Arts

The Jersey City Environmental Commission (Green Team) has received a grant from the Sustainable Jersey Small Grants program to work with the Jersey City Office of Cultural Affairs to prepare a Creative Assets Inventory. The goal of the project is to inventory Jersey City's unique cultural, historic, natural, creative and human resources assets in an effort to broadly define the cultural context of people, places, and organizations that make Jersey City a vibrant and desirable place to live, work and visit. The inventory will be utilized to develop a framework for leveraging cultural assets across a wide range of city-led initiatives and to strengthen partnerships with arts and cultural entities contributing to the city's livability and vibrancy.

STRATEGY 4: Fund arts education for all New Jersey students

Although there are no specific actions in the Sustainable Jersey program several communities have earned points under the Innovative Community Project action for arts related initiatives that increase the visibility of arts in schools through scheduling flexibility, spaces for exhibition, performance, and creative learning. One example is Mountain Lakes Borough in Morris County. For many years, interested residents have contributed to a growing body of information describing the natural resources which characterize the environment of the Borough. This accumulated knowledge formed the basis for its Environmental Resource Inventory (ERI). High School students in the Foundations of Art classes hand painted quilt blocks on 9 " squares of muslin fabric of flora and fauna indigenous to Mountain Lakes as presented in the ERI. The work of the students was then handed off to faculty and student participants in the Sharing Stories: Building Community Through Quilting Institute class. Class members created quilt blocks, sashing, borders, and backing for several quilts.

These quilts incorporate more than 200 squares. Because of the enormity of this project a separate class, Public Art Installation of Environmental Quilts, was created to handle the commitment. With a total of 10 quilts – three featuring the birds of Mountain Lakes, two for the mammals, and one for each – reptiles, fish, fauna, insects, and mixed. The work is displayed in the Public Library's multipurpose room. Student art work was scanned and cataloged based on flora and fauna so that credit can be given at installation site.

WHAT'S NEXT

Sustainable Jersey will introduce a new action in the Arts and Creative Culture suite entitled *Utilizing Your Creative Assets* in 2015. This action will recognize municipalities that implement projects that will lead to changes in the creative culture of a community through collaborations with different groups and linking activities to economic growth.

In addition, the newly launched Sustainable Jersey for Schools program includes several actions supporting arts education.

All Arts Disciplines Offered: Creativity and the arts are important building blocks for developing the next generation of leaders ready to envision creative solutions to support sustainable communities. The goal of this action is that all students have regular, sequential arts instruction throughout their K-12 education. School districts can earn points for this action if they currently provide opportunities throughout for students in K-12 education for learning in ALL four arts content areas (dance, music, theater, and visual arts) using sequential instruction by highly qualified teachers.

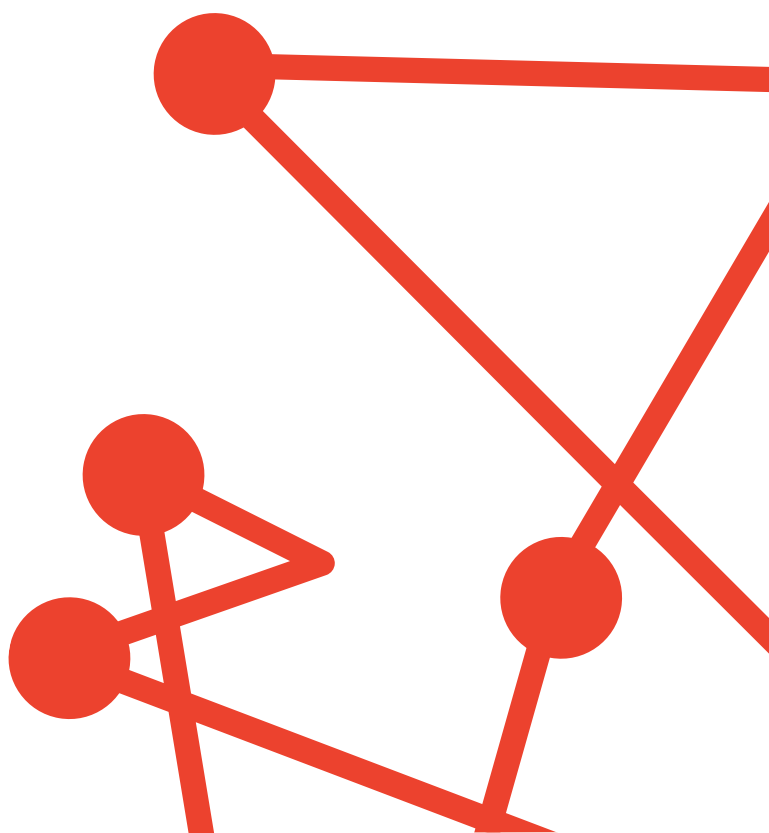
Student Participation in the Arts: School districts throughout the state have made a strong commitment to supporting a robust arts education program by providing student instruction in dance, music, theater, and visual arts. To earn points for this action a school district needs to demonstrate that every elementary school student is taking classes in music and visual arts; and that every middle and high school student has access to music and visual arts classes; and that students in grades 9-12 are demonstrating competency in at least one arts discipline.

Education for Sustainability Grades 4-12 Arts: The Sustainable Jersey for Schools certification program recognizes that Education for Sustainability (EfS) can occur in the context of any academic discipline and at any grade level. This program action awards points for arts (dance, music, theater, and visual arts) lessons at the 4th-12th grade level that have delved into a sustainability-related issue, employed effective methods to engage students, and assessed student learning of sustainability core principles.

AREAS OF EXPLORATION

The following ideas generated through the TNJ planning process will be explored in more detailed by the Arts and Creative Culture Task Force as potential areas for new action development:

- Local purchasing programs to help creative and cultural sector organizations grow.
- Creative and cultural districts that attract and support arts businesses and cultural entrepreneurs.
- Include robust arts curriculum in all New Jersey schools (K-12) with dedicated funding for arts teachers.
- Develop an “Adopt a School” Program to provide programming and engagement locally for students with field trips and on campus engagement.
- Increase the visibility of arts in schools through scheduling flexibility, spaces for exhibition, performance, and creative learning.



MOVING FORWARD

Sustainable Jersey will continue to drive implementation of The Plan at the local level. In addition to introducing new municipal actions identified through the TNJ planning process, efforts will focus on expanding the Sustainable Jersey for Schools program to arm future generations with the knowledge and insights to make wise choices. An emphasis will be placed on increasing collaborations among municipal and school green teams within the region and across the state. In 2014 networks of green team leaders began to form, some organically, and others as a direct result of Together North Jersey's and Sustainable Jersey's efforts. These networks range from multi-municipal green team collaboratives, to county planning departments taking the lead, to grassroots leaders with the desire to see a more regional collaboration within their area. Sustainable Jersey will provide continued support and encouragement for these budding networks and to move them towards becoming more vibrant and self-sustaining efforts that guide one another towards successful actions.

"Sustainable Jersey is a national model, not just in theory, but in practice. Sustainable Jersey is leading a sustainable movement that includes municipal officials, community leaders, business leaders and a very diverse set of nonprofit partners, including the National Wildlife Federation and our state affiliate, New Jersey Audubon. We are proud partners in helping Sustainable Jersey bring people, government officials and partners together for common purpose – to make New Jersey and our world more sustainable. Over the last few years, municipalities across New Jersey, big and small, Democratic and Republican controlled, urban, rural and suburban towns, strong have made a real difference with new recycling, clean water, energy efficiency and many other programs that have improved the quality of life of their residents and the state as a whole."

–Curtis Fisher
National Wildlife Federation

"Sustainable Jersey provides an important evolutionary platform to promote sustainability in municipalities. Through our Blue Star initiative, Clean Ocean Action is collaborating with Sustainable Jersey's certification program to encourage coastal communities to focus on a bluer future using the water quality improvement actions."

–Cindy Zipf, Executive Director,
Clean Ocean Action (COA)

"Sustainable Jersey is an important way to drive environmental improvements at the local level. The addition of actions and standards this year to reflect the diversity of New Jersey's communities is an important step. Specifically, NY/NJ Baykeeper was pleased with the collaborative process of working on the new Brownfields actions and standards."

–Debbie Mans, Executive
Director, NY/NJ Baykeeper

Appendix I – Sustainable Jersey Actions in TNJ Communities

Action Category	Action Name	Approved	Not Approved	In Progress
Animals in the Community	Wildlife Interaction Plan	2	8	2
Arts & Creative Culture	Creative Assets Inventory	5	9	3
Arts & Creative Culture	Creative Placemaking Plan	0	5	2
Arts & Creative Culture	Establish a Creative Team	10	16	2
Brownfields	Brownfields Inventory & Prioritization	2	9	2
Brownfields	Brownfields Reuse Planning	0	2	2
Climate Mitigation & Adaption	Climate Action Plan	4	5	1
Climate Mitigation & Adaption	Climate Adaptation: Flooding Risk	7	5	5
Climate Mitigation & Adaption	Community Carbon Footprint	12	5	1
Climate Mitigation & Adaption	Municipal Carbon Footprint	28	15	3
Climate Mitigation & Adaption	Wind Ordinance	14	6	1
Community Partnership & Outreach	Community Education and Outreach	75	30	9
Community Partnership & Outreach	Create Green Team	132	12	17
Community Partnership & Outreach	Education for Sustainability Programs	41	14	3
Community Partnership & Outreach	Energy Education and Outreach	10	13	3
Community Partnership & Outreach	Green Challenges & Community Programs	24	25	7
Community Partnership & Outreach	Green Your Green Fair	17	18	5
Community Partnership & Outreach	Hold a Green Fair	62	20	7
Community Partnership & Outreach	School-based Energy Conservation Programs	3	18	5
Diversity & Equity	Diversity on Boards & Commissions	9	16	6
Diversity & Equity	Environmental Justice in Planning & Zoning	0	5	5
Diversity & Equity	Lead Education and Outreach Programs	17	8	3
Diversity & Equity	Lead-Safe Training Programs	5	9	3
Energy Efficiency	Achieving Target Increase in Local Business Participation	0	4	1
Energy Efficiency	Energy Audits for One Building	42	48	5
Energy Efficiency	Energy Tracking and Management	18	19	6
Energy Efficiency	High Performance Building	3	9	0
Energy Efficiency	High Performance Building Portfolio	1	3	0
Energy Efficiency	Inventory and Upgrade All Buildings	74	12	4
Energy Efficiency	Municipal Program	3	5	3
Energy Efficiency	Outreach	2	10	2
Energy Efficiency	Outreach Campaign to Local Business Community	6	6	2
Food	Buy Fresh Buy Local Programs	18	7	8
Food	Community or School Gardens	67	15	6
Food	Farmers Markets	67	17	7
Food	Farmland Preservation Plans	17	4	5
Food	Making Farmers Markets Accessible	30	7	2
Green Design	Construction Waste Recycling	3	11	3
Green Design	Create a Green Development Checklist	10	7	1
Green Design	Green Building Education	3	4	1
Green Design	Green Building Policy/Resolution	30	8	5
Green Design	Green Building Training	2	9	2
Green Design	New Construction	3	4	0
Green Design	Site Plan Green Design Standards	5	5	1
Green Design	Upgrade/Retrofit-Light Pollution	5	8	3
Green Design	Upgrade/Retrofit-Water Conservation	5	6	2
Health & Wellness	Anti-Idling Education & Enforcement Program	38	38	11
Health & Wellness	Building Healthier Communities	44	20	6
Health & Wellness	Safe Routes to School	16	31	7
Innovation & Demonstration Project	Geothermal Energy	1	5	0
Innovation & Demonstration Project	Green Roofs	2	5	1
Innovation & Demonstration Project	Innovative Community Project 1 (Formerly Other)	61	18	8
Innovation & Demonstration Project	Innovative Community Project 2 (Formerly Other 2)	32	19	4
Innovation & Demonstration Project	Innovative Community Project 3	12	6	0
Innovation & Demonstration Project	Raingardens	49	14	8

Innovation & Demonstration Project	Solar	36	18	5
Innovation & Demonstration Project	Wind	4	1	2
Land Use & Transportation	Bicycle and or Pedestrian Audit	7	5	0
Land Use & Transportation	Bicycle and or Pedestrian Plan	6	10	2
Land Use & Transportation	Complete Streets Program	30	22	4
Land Use & Transportation	Green Building and Environmental Sustainability Element	7	6	2
Land Use & Transportation	Smart Workplaces (Gold)	0	1	1
Land Use & Transportation	Smart Workplaces (Platinum)	2	0	0
Land Use & Transportation	Sustainable Land Use Pledge	79	16	6
Land Use & Transportation	Transit-Oriented Development Supportive Zoning	0	0	1
Local Economies	Buy Local Campaign	30	12	5
Local Economies	Green Business Recognition Program	7	10	3
Local Economies	Green Jobs/Economic Development	2	3	0
Local Economies	Support Local Businesses	22	25	3
Natural Resources	Clustering Ordinance	14	11	1
Natural Resources	Community Forestry Plan and Tree Cover Goal	53	23	11
Natural Resources	Easement Inspections and Evaluations	6	7	3
Natural Resources	Easement Inventory and Outreach	7	9	1
Natural Resources	Environmental Assessment Ordinance	18	7	2
Natural Resources	Environmental Commission	96	16	13
Natural Resources	Habitat Conservation Ordinance	2	15	4
Natural Resources	i-Tree Assessment of Municipal Trees	1	13	1
Natural Resources	Natural Resource Inventory	64	16	14
Natural Resources	Open Space Plans	54	28	11
Natural Resources	Tree Hazard Inventory	11	15	5
Natural Resources	Tree Maintenance Programs	30	20	8
Natural Resources	Tree Planting Programs	33	28	9
Natural Resources	Tree Protection Ordinance	68	12	3
Natural Resources	Water Conservation Education Program	23	9	5
Natural Resources	Water Conservation Ordinance	6	29	13
Operations & Maintenance	Adopt a Green Purchasing Policy by Ordinance	11	9	7
Operations & Maintenance	Adopt a Green Purchasing Policy by Resolution	14	10	2
Operations & Maintenance	Adopt Behavioral Policies	11	11	4
Operations & Maintenance	Create a Policy (Grounds & Maintenance)	21	7	6
Operations & Maintenance	Driver Training	3	6	5
Operations & Maintenance	Efficient Landscape Design	7	4	3
Operations & Maintenance	Energy-Efficient Appliances or Equipment	12	6	7
Operations & Maintenance	Fleet Inventory	39	26	14
Operations & Maintenance	Green Cleaning Products	13	11	4
Operations & Maintenance	Green Maintenance Equipment and Materials	7	1	1
Operations & Maintenance	Integrated Pest Management	6	13	5
Operations & Maintenance	Meet Target for Green Fleets	1	1	1
Operations & Maintenance	Minimize Water Consumption	4	6	3
Operations & Maintenance	Purchase Alternative Fuel Vehicles	15	14	6
Operations & Maintenance	Recycled Materials and Composting	14	14	5
Operations & Maintenance	Recycled Paper	20	17	9
Operations & Maintenance	Vehicle Conversions	3	4	1
Sustainability Planning	Community Visioning	10	15	6
Sustainability Planning	Community Asset Mapping	16	10	3
Sustainability Planning	Vision Statement and Goals	6	10	3
Sustainability Planning	Indicators and Targets	5	6	2
Sustainability Planning	Action Plans	8	7	2
	TOTAL	2,112	1,252	448

Appendix 1A – Bergen County

Action Category	Action Name	Approved	Not Approved	In Progress
Animals in the Community	Wildlife Interaction Plan	0	0	1
Arts & Creative Culture	Creative Assets Inventory	0	2	1
Arts & Creative Culture	Creative Placemaking Plan	0	0	0
Arts & Creative Culture	Establish a Creative Team	2	4	1
Brownfields	Brownfields Inventory & Prioritization	0	1	2
Brownfields	Brownfields Reuse Planning	0	0	1
Climate Mitigation & Adaptation	Climate Action Plan	0	2	0
Climate Mitigation & Adaptation	Climate Adaptation: Flooding Risk	0	1	1
Climate Mitigation & Adaptation	Community Carbon Footprint	1	2	0
Climate Mitigation & Adaptation	Municipal Carbon Footprint	2	4	1
Climate Mitigation & Adaptation	Wind Ordinance	0	1	0
Community Partnership & Outreach	Community Education and Outreach	13	8	2
Community Partnership & Outreach	Create Green Team	27	3	3
Community Partnership & Outreach	Education for Sustainability Programs	11	4	1
Community Partnership & Outreach	Energy Education and Outreach	0	2	1
Community Partnership & Outreach	Green Challenges & Community Programs	8	5	2
Community Partnership & Outreach	Green Your Green Fair	1	1	3
Community Partnership & Outreach	Hold a Green Fair	11	3	2
Community Partnership & Outreach	School-based Energy Conservation Programs	0	3	3
Diversity & Equity	Diversity on Boards & Commissions	1	3	2
Diversity & Equity	Environmental Justice in Planning & Zoning	0	0	3
Diversity & Equity	Lead Education and Outreach Programs	3	2	1
Diversity & Equity	Lead-Safe Training Programs	1	2	1
Energy Efficiency	Achieving Target Increase in Local Business Participation	0	0	1
Energy Efficiency	Energy Audits for One Building	8	7	3
Energy Efficiency	Energy Tracking and Management	4	7	1
Energy Efficiency	High Performance Building	0	1	0
Energy Efficiency	High Performance Building Portfolio	0	0	0
Energy Efficiency	Inventory and Upgrade All Buildings	13	3	1
Energy Efficiency	Municipal Program	0	0	2
Energy Efficiency	Outreach	0	2	1
Energy Efficiency	Outreach Campaign to Local Business Community	1	1	1
Food	Buy Fresh Buy Local Programs	2	1	3
Food	Community or School Gardens	15	2	1
Food	Farmers Markets	10	5	1
Food	Farmland Preservation Plans	1	0	1
Food	Making Farmers Markets Accessible	5	1	2
Green Design	Construction Waste Recycling	1	2	1
Green Design	Create a Green Development Checklist	1	1	1
Green Design	Green Building Education	0	2	1
Green Design	Green Building Policy/Resolution	5	4	2
Green Design	Green Building Training	1	1	0
Green Design	New Construction	0	1	0
Green Design	Site Plan Green Design Standards	0	1	1
Green Design	Upgrade/Retrofit-Light Pollution	1	3	1
Green Design	Upgrade/Retrofit-Water Conservation	1	1	1
Health & Wellness	Anti-Idling Education & Enforcement Program	6	6	3
Health & Wellness	Building Healthier Communities	10	5	1
Health & Wellness	Safe Routes to School	3	9	3
Innovation & Demonstration Projects	Geothermal Energy	0	0	0
Innovation & Demonstration Projects	Green Roofs	1	0	1
Innovation & Demonstration Projects	Innovative Community Project 1 (Formerly Other)	11	3	3
Innovation & Demonstration Projects	Innovative Community Project 2 (Formerly Other 2)	5	2	1

Innovation & Demonstration Projects	Innovative Community Project 3	1	0	0
Innovation & Demonstration Projects	Raingardens	5	3	2
Innovation & Demonstration Projects	Solar	7	5	2
Innovation & Demonstration Projects	Wind	0	0	0
Land Use & Transportation	Bicycle and or Pedestrian Audit	1	0	0
Land Use & Transportation	Bicycle and or Pedestrian Plan	0	1	1
Land Use & Transportation	Complete Streets Program	4	5	2
Land Use & Transportation	Green Building and Environmental Sustainability Element	0	3	1
Land Use & Transportation	Smart Workplaces (Gold)	0	0	0
Land Use & Transportation	Smart Workplaces (Platinum)	0	0	0
Land Use & Transportation	Sustainable Land Use Pledge	17	4	2
Land Use & Transportation	Transit-Oriented Development Supportive Zoning	0	0	0
Local Economies	Buy Local Campaign	4	3	1
Local Economies	Green Business Recognition Program	2	3	0
Local Economies	Green Jobs/Economic Development	0	1	0
Local Economies	Support Local Businesses	3	6	0
Natural Resources	Clustering Ordinance	0	1	0
Natural Resources	Community Forestry Plan and Tree Cover Goal	14	7	3
Natural Resources	Easement Inspections and Evaluations	0	2	1
Natural Resources	Easement Inventory and Outreach	1	1	0
Natural Resources	Environmental Assessment Ordinance	1	1	0
Natural Resources	Environmental Commission	15	4	4
Natural Resources	Habitat Conservation Ordinance	0	1	0
Natural Resources	i-Tree Assessment of Municipal Trees	0	5	1
Natural Resources	Natural Resource Inventory	9	5	5
Natural Resources	Open Space Plans	8	5	0
Natural Resources	Tree Hazard Inventory	2	5	2
Natural Resources	Tree Maintenance Programs	6	9	2
Natural Resources	Tree Planting Programs	7	10	2
Natural Resources	Tree Protection Ordinance	14	2	1
Natural Resources	Water Conservation Education Program	1	2	1
Natural Resources	Water Conservation Ordinance	0	5	1
Operations & Maintenance	Adopt a Green Purchasing Policy by Ordinance	3	3	1
Operations & Maintenance	Adopt a Green Purchasing Policy by Resolution	5	2	1
Operations & Maintenance	Adopt Behavioral Policies	1	2	1
Operations & Maintenance	Create a Policy (Grounds & Maintenance)	0	0	0
Operations & Maintenance	Driver Training	1	0	1
Operations & Maintenance	Efficient Landscape Design	0	1	0
Operations & Maintenance	Energy-Efficient Appliances or Equipment	3	2	3
Operations & Maintenance	Fleet Inventory	10	6	5
Operations & Maintenance	Green Cleaning Products	4	2	1
Operations & Maintenance	Green Maintenance Equipment and Materials	3	0	0
Operations & Maintenance	Integrated Pest Management	1	4	2
Operations & Maintenance	Meet Target for Green Fleets	0	0	1
Operations & Maintenance	Minimize Water Consumption	0	2	0
Operations & Maintenance	Purchase Alternative Fuel Vehicles	5	5	1
Operations & Maintenance	Recycled Materials and Composting	2	4	1
Operations & Maintenance	Recycled Paper	4	5	3
Operations & Maintenance	Vehicle Conversions	2	0	1
Sustainability Planning	Action Plans	0	2	1
Sustainability Planning	Community Asset Mapping	1	1	1
Sustainability Planning	Community Visioning	2	3	2
Sustainability Planning	Indicators and Targets	0	1	1
Sustainability Planning	Vision Statement and Goals	0	2	1
Total		361	285	136

Appendix 1B – Essex County

Action Category	Action Name	Approved	Not Approved	In Progress
Animals in the Community	Wildlife Interaction Plan	0	2	0
Arts & Creative Culture	Creative Assets Inventory	0	1	0
Arts & Creative Culture	Creative Placemaking Plan	0	1	0
Arts & Creative Culture	Establish a Creative Team	0	2	0
Brownfields	Brownfields Inventory & Prioritization	0	1	0
Brownfields	Brownfields Reuse Planning	0	0	1
Climate Mitigation & Adaptation	Climate Action Plan	2	0	0
Climate Mitigation & Adaptation	Climate Adaptation: Flooding Risk	0	0	0
Climate Mitigation & Adaptation	Community Carbon Footprint	2	0	0
Climate Mitigation & Adaptation	Municipal Carbon Footprint	4	2	1
Climate Mitigation & Adaptation	Wind Ordinance	1	0	0
Community Partnership & Outreach	Community Education and Outreach	9	3	0
Community Partnership & Outreach	Create Green Team	12	1	1
Community Partnership & Outreach	Education for Sustainability Programs	1	2	0
Community Partnership & Outreach	Energy Education and Outreach	3	1	0
Community Partnership & Outreach	Green Challenges & Community Programs	3	3	0
Community Partnership & Outreach	Green Your Green Fair	4	2	0
Community Partnership & Outreach	Hold a Green Fair	8	2	0
Community Partnership & Outreach	School-based Energy Conservation Programs	0	3	0
Diversity & Equity	Diversity on Boards & Commissions	1	2	0
Diversity & Equity	Environmental Justice in Planning & Zoning	0	0	0
Diversity & Equity	Lead Education and Outreach Programs	4	1	0
Diversity & Equity	Lead-Safe Training Programs	0	2	1
Energy Efficiency	Achieving Target Increase in Local Business Participation	0	1	0
Energy Efficiency	Energy Audits for One Building	7	3	0
Energy Efficiency	Energy Tracking and Management	1	3	0
Energy Efficiency	High Performance Building	0	1	0
Energy Efficiency	High Performance Building Portfolio	0	1	0
Energy Efficiency	Inventory and Upgrade All Buildings	3	1	0
Energy Efficiency	Municipal Program	0	1	1
Energy Efficiency	Outreach	1	1	0
Energy Efficiency	Outreach Campaign to Local Business Community	1	0	0
Food	Buy Fresh Buy Local Programs	2	0	3
Food	Community or School Gardens	5	3	0
Food	Farmers Markets	7	3	0
Food	Farmland Preservation Plans	0	0	0
Food	Making Farmers Markets Accessible	6	2	0
Green Design	Construction Waste Recycling	0	2	0
Green Design	Create a Green Development Checklist	2	1	0
Green Design	Green Building Education	0	0	0
Green Design	Green Building Policy/Resolution	4	1	0
Green Design	Green Building Training	0	1	0
Green Design	New Construction	0	0	0
Green Design	Site Plan Green Design Standards	1	2	0
Green Design	Upgrade/Retrofit-Light Pollution	0	2	0
Green Design	Upgrade/Retrofit-Water Conservation	0	1	0
Health & Wellness	Anti-Idling Education & Enforcement Program	6	5	0
Health & Wellness	Building Healthier Communities	5	1	0
Health & Wellness	Safe Routes to School	2	3	0
Innovation & Demonstration Projects	Geothermal Energy	0	0	0
Innovation & Demonstration Projects	Green Roofs	0	0	0
Innovation & Demonstration Projects	Innovative Community Project 1 (Formerly Other)	7	1	1
Innovation & Demonstration Projects	Innovative Community Project 2 (Formerly Other 2)	2	1	1

Innovation & Demonstration Projects	Innovative Community Project 3	0	0	0
Innovation & Demonstration Projects	Raingardens	3	1	1
Innovation & Demonstration Projects	Solar	3	2	0
Innovation & Demonstration Projects	Wind	1	0	0
Land Use & Transportation	Bicycle and or Pedestrian Audit	0	1	0
Land Use & Transportation	Bicycle and or Pedestrian Plan	0	1	0
Land Use & Transportation	Complete Streets Program	7	2	1
Land Use & Transportation	Green Building and Environmental Sustainability Element	0	1	0
Land Use & Transportation	Smart Workplaces (Gold)	0	0	0
Land Use & Transportation	Smart Workplaces (Platinum)	0	0	0
Land Use & Transportation	Sustainable Land Use Pledge	9	1	0
Land Use & Transportation	Transit-Oriented Development Supportive Zoning	0	0	0
Local Economies	Buy Local Campaign	4	0	0
Local Economies	Green Business Recognition Program	0	1	0
Local Economies	Green Jobs/Economic Development	0	0	0
Local Economies	Support Local Businesses	3	1	0
Natural Resources	Clustering Ordinance	1	0	0
Natural Resources	Community Forestry Plan and Tree Cover Goal	6	4	1
Natural Resources	Easement Inspections and Evaluations	0	0	0
Natural Resources	Easement Inventory and Outreach	0	0	0
Natural Resources	Environmental Assessment Ordinance	0	2	0
Natural Resources	Environmental Commission	7	4	0
Natural Resources	Habitat Conservation Ordinance	0	3	0
Natural Resources	i-Tree Assessment of Municipal Trees	0	1	0
Natural Resources	Natural Resource Inventory	5	1	1
Natural Resources	Open Space Plans	6	2	1
Natural Resources	Tree Hazard Inventory	2	0	0
Natural Resources	Tree Maintenance Programs	6	3	0
Natural Resources	Tree Planting Programs	4	5	1
Natural Resources	Tree Protection Ordinance	10	2	0
Natural Resources	Water Conservation Education Program	7	0	0
Natural Resources	Water Conservation Ordinance	3	4	1
Operations & Maintenance	Adopt a Green Purchasing Policy by Ordinance	1	0	1
Operations & Maintenance	Adopt a Green Purchasing Policy by Resolution	2	2	1
Operations & Maintenance	Adopt Behavioral Policies	1	1	0
Operations & Maintenance	Create a Policy (Grounds & Maintenance)	0	0	0
Operations & Maintenance	Driver Training	0	0	2
Operations & Maintenance	Efficient Landscape Design	0	0	0
Operations & Maintenance	Energy-Efficient Appliances or Equipment	0	0	1
Operations & Maintenance	Fleet Inventory	4	5	1
Operations & Maintenance	Green Cleaning Products	1	2	0
Operations & Maintenance	Green Maintenance Equipment and Materials	1	0	0
Operations & Maintenance	Integrated Pest Management	0	1	0
Operations & Maintenance	Meet Target for Green Fleets	0	0	0
Operations & Maintenance	Minimize Water Consumption	0	0	0
Operations & Maintenance	Purchase Alternative Fuel Vehicles	1	4	1
Operations & Maintenance	Recycled Materials and Composting	2	3	0
Operations & Maintenance	Recycled Paper	2	3	0
Operations & Maintenance	Vehicle Conversions	0	1	0
Sustainability Planning	Action Plans	2	1	0
Sustainability Planning	Community Asset Mapping	2	0	0
Sustainability Planning	Community Visioning	2	1	0
Sustainability Planning	Indicators and Targets	0	2	0
Sustainability Planning	Vision Statement and Goals	1	2	0
Total		232	147	24

Appendix 1C – Hudson County

Action Category	Action Name	Approved	Not Approved	In Progress
Animals in the Community	Wildlife Interaction Plan	0	0	0
Arts & Creative Culture	Creative Assets Inventory	0	0	0
Arts & Creative Culture	Creative Placemaking Plan	0	0	0
Arts & Creative Culture	Establish a Creative Team	0	1	0
Brownfields	Brownfields Inventory & Prioritization	0	0	0
Brownfields	Brownfields Reuse Planning	0	1	0
Climate Mitigation & Adaptation	Climate Action Plan	0	0	0
Climate Mitigation & Adaptation	Climate Adaptation: Flooding Risk	2	0	0
Climate Mitigation & Adaptation	Community Carbon Footprint	0	0	0
Climate Mitigation & Adaptation	Municipal Carbon Footprint	0	1	0
Climate Mitigation & Adaptation	Wind Ordinance	0	0	0
Community Partnership & Outreach	Community Education and Outreach	3	2	0
Community Partnership & Outreach	Create Green Team	5	0	0
Community Partnership & Outreach	Education for Sustainability Programs	2	1	0
Community Partnership & Outreach	Energy Education and Outreach	0	0	0
Community Partnership & Outreach	Green Challenges & Community Programs	1	0	0
Community Partnership & Outreach	Green Your Green Fair	2	1	0
Community Partnership & Outreach	Hold a Green Fair	4	0	0
Community Partnership & Outreach	School-based Energy Conservation Programs	0	0	0
Diversity & Equity	Diversity on Boards & Commissions	1	1	0
Diversity & Equity	Environmental Justice in Planning & Zoning	0	0	1
Diversity & Equity	Lead Education and Outreach Programs	2	0	0
Diversity & Equity	Lead-Safe Training Programs	0	1	0
Energy Efficiency	Achieving Target Increase in Local Business Participation	0	0	0
Energy Efficiency	Energy Audits for One Building	2	2	0
Energy Efficiency	Energy Tracking and Management	0	0	0
Energy Efficiency	High Performance Building	1	1	0
Energy Efficiency	High Performance Building Portfolio	0	0	0
Energy Efficiency	Inventory and Upgrade All Buildings	3	0	0
Energy Efficiency	Municipal Program	0	0	0
Energy Efficiency	Outreach	0	0	0
Energy Efficiency	Outreach Campaign to Local Business Community	0	0	0
Food	Buy Fresh Buy Local Programs	3	0	0
Food	Community or School Gardens	4	0	0
Food	Farmers Markets	4	0	0
Food	Farmland Preservation Plans	0	0	0
Food	Making Farmers Markets Accessible	3	0	0
Green Design	Construction Waste Recycling	0	1	0
Green Design	Create a Green Development Checklist	0	0	0
Green Design	Green Building Education	1	0	0
Green Design	Green Building Policy/Resolution	3	0	0
Green Design	Green Building Training	0	0	1
Green Design	New Construction	2	0	0
Green Design	Site Plan Green Design Standards	1	1	0
Green Design	Upgrade/Retrofit-Light Pollution	0	0	0
Green Design	Upgrade/Retrofit-Water Conservation	0	0	0
Health & Wellness	Anti-Idling Education & Enforcement Program	1	0	0
Health & Wellness	Building Healthier Communities	2	0	0
Health & Wellness	Safe Routes to School	0	1	0
Innovation & Demonstration Projects	Geothermal Energy	0	1	0
Innovation & Demonstration Projects	Green Roofs	0	1	0
Innovation & Demonstration Projects	Innovative Community Project 1 (Formerly Other)	4	0	0

Innovation & Demonstration Projects	Innovative Community Project 2 (Formerly Other 2)	3	0	1
Innovation & Demonstration Projects	Innovative Community Project 3	2	0	0
Innovation & Demonstration Projects	Raingardens	1	1	1
Innovation & Demonstration Projects	Solar	3	2	0
Innovation & Demonstration Projects	Wind	0	0	0
Land Use & Transportation	Bicycle and or Pedestrian Audit	1	0	0
Land Use & Transportation	Bicycle and or Pedestrian Plan	1	1	0
Land Use & Transportation	Complete Streets Program	3	0	0
Land Use & Transportation	Green Building and Environmental Sustainability Element	0	1	0
Land Use & Transportation	Smart Workplaces (Gold)	0	0	0
Land Use & Transportation	Smart Workplaces (Platinum)	0	0	0
Land Use & Transportation	Sustainable Land Use Pledge	5	0	0
Land Use & Transportation	Transit-Oriented Development Supportive Zoning	0	0	0
Local Economies	Buy Local Campaign	3	1	0
Local Economies	Green Business Recognition Program	0	0	0
Local Economies	Green Jobs/Economic Development	0	0	0
Local Economies	Support Local Businesses	3	1	0
Natural Resources	Clustering Ordinance	0	0	0
Natural Resources	Community Forestry Plan and Tree Cover Goal	1	2	0
Natural Resources	Easement Inspections and Evaluations	0	0	0
Natural Resources	Easement Inventory and Outreach	0	0	0
Natural Resources	Environmental Assessment Ordinance	0	0	0
Natural Resources	Environmental Commission	1	0	0
Natural Resources	Habitat Conservation Ordinance	0	1	0
Natural Resources	i-Tree Assessment of Municipal Trees	0	2	0
Natural Resources	Natural Resource Inventory	0	0	0
Natural Resources	Open Space Plans	3	0	0
Natural Resources	Tree Hazard Inventory	0	3	0
Natural Resources	Tree Maintenance Programs	1	1	0
Natural Resources	Tree Planting Programs	1	2	0
Natural Resources	Tree Protection Ordinance	1	1	0
Natural Resources	Water Conservation Education Program	0	0	0
Natural Resources	Water Conservation Ordinance	0	2	1
Operations & Maintenance	Adopt a Green Purchasing Policy by Ordinance	1	0	0
Operations & Maintenance	Adopt a Green Purchasing Policy by Resolution	0	0	0
Operations & Maintenance	Adopt Behavioral Policies	0	1	0
Operations & Maintenance	Create a Policy (Grounds & Maintenance)	0	0	0
Operations & Maintenance	Driver Training	0	0	0
Operations & Maintenance	Efficient Landscape Design	0	0	0
Operations & Maintenance	Energy-Efficient Appliances or Equipment	0	0	0
Operations & Maintenance	Fleet Inventory	4	1	0
Operations & Maintenance	Green Cleaning Products	0	0	0
Operations & Maintenance	Green Maintenance Equipment and Materials	0	0	0
Operations & Maintenance	Integrated Pest Management	0	1	0
Operations & Maintenance	Meet Target for Green Fleets	0	0	0
Operations & Maintenance	Minimize Water Consumption	0	0	0
Operations & Maintenance	Purchase Alternative Fuel Vehicles	2	1	0
Operations & Maintenance	Recycled Materials and Composting	0	0	0
Operations & Maintenance	Recycled Paper	1	1	0
Operations & Maintenance	Vehicle Conversions	0	1	0
Sustainability Planning	Action Plans	0	0	0
Sustainability Planning	Community Asset Mapping	0	1	0
Sustainability Planning	Community Visioning	0	1	0
Sustainability Planning	Indicators and Targets	0	0	0
Sustainability Planning	Vision Statement and Goals	0	0	0
Totals		104	51	6

Appendix 1D – Hunterdon County

Action Category	Action Name	Approved	Not Approved	In Progress
Animals in the Community	Wildlife Interaction Plan	0	0	0
Arts & Creative Culture	Creative Assets Inventory	0	0	0
Arts & Creative Culture	Creative Placemaking Plan	0	0	0
Arts & Creative Culture	Establish a Creative Team	0	1	0
Brownfields	Brownfields Inventory & Prioritization	0	0	0
Brownfields	Brownfields Reuse Planning	0	0	0
Climate Mitigation & Adaptation	Climate Action Plan	0	0	0
Climate Mitigation & Adaptation	Climate Adaptation: Flooding Risk	0	0	0
Climate Mitigation & Adaptation	Community Carbon Footprint	0	0	0
Climate Mitigation & Adaptation	Municipal Carbon Footprint	1	0	0
Climate Mitigation & Adaptation	Wind Ordinance	4	0	0
Community Partnership & Outreach	Community Education and Outreach	6	0	1
Community Partnership & Outreach	Create Green Team	11	1	1
Community Partnership & Outreach	Education for Sustainability Programs	3	1	1
Community Partnership & Outreach	Energy Education and Outreach	0	2	0
Community Partnership & Outreach	Green Challenges & Community Programs	1	1	1
Community Partnership & Outreach	Green Your Green Fair	1	0	0
Community Partnership & Outreach	Hold a Green Fair	4	1	0
Community Partnership & Outreach	School-based Energy Conservation Programs	1	2	0
Diversity & Equity	Diversity on Boards & Commissions	2	0	0
Diversity & Equity	Environmental Justice in Planning & Zoning	0	1	0
Diversity & Equity	Lead Education and Outreach Programs	1	0	0
Diversity & Equity	Lead-Safe Training Programs	0	0	0
Energy Efficiency	Achieving Target Increase in Local Business Participation	0	0	0
Energy Efficiency	Energy Audits for One Building	1	4	0
Energy Efficiency	Energy Tracking and Management	2	1	0
Energy Efficiency	High Performance Building	0	0	0
Energy Efficiency	High Performance Building Portfolio	0	0	0
Energy Efficiency	Inventory and Upgrade All Buildings	11	1	0
Energy Efficiency	Municipal Program	0	0	0
Energy Efficiency	Outreach	0	0	0
Energy Efficiency	Outreach Campaign to Local Business Community	0	0	0
Food	Buy Fresh Buy Local Programs	1	1	1
Food	Community or School Gardens	2	2	0
Food	Farmers Markets	6	1	1
Food	Farmland Preservation Plans	6	0	0
Food	Making Farmers Markets Accessible	1	0	0
Green Design	Construction Waste Recycling	0	1	0
Green Design	Create a Green Development Checklist	0	0	0
Green Design	Green Building Education	0	0	0
Green Design	Green Building Policy/Resolution	0	0	0
Green Design	Green Building Training	0	0	0
Green Design	New Construction	0	0	0
Green Design	Site Plan Green Design Standards	0	0	0
Green Design	Upgrade/Retrofit-Light Pollution	0	0	0
Green Design	Upgrade/Retrofit-Water Conservation	0	0	0
Health & Wellness	Anti-Idling Education & Enforcement Program	1	3	0
Health & Wellness	Building Healthier Communities	0	3	1
Health & Wellness	Safe Routes to School	4	0	1
Innovation & Demonstration Projects	Geothermal Energy	0	0	0
Innovation & Demonstration Projects	Green Roofs	0	0	0
Innovation & Demonstration Projects	Innovative Community Project 1 (Formerly Other)	4	1	1
Innovation & Demonstration Projects	Innovative Community Project 2 (Formerly Other 2)	1	0	0

Innovation & Demonstration Projects	Innovative Community Project 3	0	0	0
Innovation & Demonstration Projects	Raingardens	3	0	1
Innovation & Demonstration Projects	Solar	1	0	0
Innovation & Demonstration Projects	Wind	0	0	1
Land Use & Transportation	Bicycle and or Pedestrian Audit	1	2	0
Land Use & Transportation	Bicycle and or Pedestrian Plan	1	1	0
Land Use & Transportation	Complete Streets Program	4	2	0
Land Use & Transportation	Green Building and Environmental Sustainability Element	1	0	0
Land Use & Transportation	Smart Workplaces (Gold)	0	0	0
Land Use & Transportation	Smart Workplaces (Platinum)	0	0	0
Land Use & Transportation	Sustainable Land Use Pledge	4	1	3
Land Use & Transportation	Transit-Oriented Development Supportive Zoning	0	0	0
Local Economies	Buy Local Campaign	0	1	0
Local Economies	Green Business Recognition Program	0	0	0
Local Economies	Green Jobs/Economic Development	0	0	0
Local Economies	Support Local Businesses	1	0	0
Natural Resources	Clustering Ordinance	3	2	1
Natural Resources	Community Forestry Plan and Tree Cover Goal	2	1	0
Natural Resources	Easement Inspections and Evaluations	1	0	0
Natural Resources	Easement Inventory and Outreach	1	0	0
Natural Resources	Environmental Assessment Ordinance	4	1	0
Natural Resources	Environmental Commission	11	1	1
Natural Resources	Habitat Conservation Ordinance	0	2	1
Natural Resources	i-Tree Assessment of Municipal Trees	0	0	0
Natural Resources	Natural Resource Inventory	10	0	0
Natural Resources	Open Space Plans	3	3	1
Natural Resources	Tree Hazard Inventory	0	0	1
Natural Resources	Tree Maintenance Programs	0	1	0
Natural Resources	Tree Planting Programs	1	1	1
Natural Resources	Tree Protection Ordinance	5	1	1
Natural Resources	Water Conservation Education Program	0	1	1
Natural Resources	Water Conservation Ordinance	1	2	1
Operations & Maintenance	Adopt a Green Purchasing Policy by Ordinance	1	0	1
Operations & Maintenance	Adopt a Green Purchasing Policy by Resolution	0	0	0
Operations & Maintenance	Adopt Behavioral Policies	0	1	0
Operations & Maintenance	Create a Policy (Grounds & Maintenance)	0	0	0
Operations & Maintenance	Driver Training	0	0	0
Operations & Maintenance	Efficient Landscape Design	0	1	0
Operations & Maintenance	Energy-Efficient Appliances or Equipment	1	0	0
Operations & Maintenance	Fleet Inventory	0	1	0
Operations & Maintenance	Green Cleaning Products	1	1	0
Operations & Maintenance	Green Maintenance Equipment and Materials	0	0	0
Operations & Maintenance	Integrated Pest Management	0	1	0
Operations & Maintenance	Meet Target for Green Fleets	0	0	0
Operations & Maintenance	Minimize Water Consumption	0	0	1
Operations & Maintenance	Purchase Alternative Fuel Vehicles	0	1	0
Operations & Maintenance	Recycled Materials and Composting	1	1	1
Operations & Maintenance	Recycled Paper	0	0	1
Operations & Maintenance	Vehicle Conversions	0	0	0
Sustainability Planning	Action Plans	0	0	0
Sustainability Planning	Community Asset Mapping	1	1	0
Sustainability Planning	Community Visioning	0	2	0
Sustainability Planning	Indicators and Targets	0	0	0
Sustainability Planning	Vision Statement and Goals	0	0	0
Totals		142	62	27

Appendix 1E – Middlesex County

Action Category	Action Name	Approved	Not Approved	In Progress
Animals in the Community	Wildlife Interaction Plan	1	1	1
Arts & Creative Culture	Creative Assets Inventory	1	1	1
Arts & Creative Culture	Creative Placemaking Plan	0	1	1
Arts & Creative Culture	Establish a Creative Team	1	2	1
Brownfields	Brownfields Inventory & Prioritization	0	2	0
Brownfields	Brownfields Reuse Planning	0	1	0
Climate Mitigation & Adaptation	Climate Action Plan	2	0	1
Climate Mitigation & Adaptation	Climate Adaptation: Flooding Risk	1	0	1
Climate Mitigation & Adaptation	Community Carbon Footprint	2	0	1
Climate Mitigation & Adaptation	Municipal Carbon Footprint	5	0	0
Climate Mitigation & Adaptation	Wind Ordinance	0	0	0
Community Partnership & Outreach	Community Education and Outreach	7	1	1
Community Partnership & Outreach	Create Green Team	10	0	2
Community Partnership & Outreach	Education for Sustainability Programs	1	0	1
Community Partnership & Outreach	Energy Education and Outreach	2	1	1
Community Partnership & Outreach	Green Challenges & Community Programs	1	1	1
Community Partnership & Outreach	Green Your Green Fair	1	2	1
Community Partnership & Outreach	Hold a Green Fair	6	0	0
Community Partnership & Outreach	School-based Energy Conservation Programs	0	0	1
Diversity & Equity	Diversity on Boards & Commissions	1	2	3
Diversity & Equity	Environmental Justice in Planning & Zoning	0	0	0
Diversity & Equity	Lead Education and Outreach Programs	2	0	2
Diversity & Equity	Lead-Safe Training Programs	1	1	1
Energy Efficiency	Achieving Target Increase in Local Business Participation	0	0	0
Energy Efficiency	Energy Audits for One Building	5	3	0
Energy Efficiency	Energy Tracking and Management	1	1	1
Energy Efficiency	High Performance Building	1	0	0
Energy Efficiency	High Performance Building Portfolio	1	0	0
Energy Efficiency	Inventory and Upgrade All Buildings	4	0	0
Energy Efficiency	Municipal Program	2	0	0
Energy Efficiency	Outreach	0	2	0
Energy Efficiency	Outreach Campaign to Local Business Community	2	1	0
Food	Buy Fresh Buy Local Programs	2	1	0
Food	Community or School Gardens	6	1	1
Food	Farmers Markets	7	0	1
Food	Farmland Preservation Plans	2	0	1
Food	Making Farmers Markets Accessible	3	0	0
Green Design	Construction Waste Recycling	1	1	1
Green Design	Create a Green Development Checklist	1	0	0
Green Design	Green Building Education	1	0	0
Green Design	Green Building Policy/Resolution	1	1	2
Green Design	Green Building Training	1	0	0
Green Design	New Construction	0	0	0
Green Design	Site Plan Green Design Standards	1	0	0
Green Design	Upgrade/Retrofit-Light Pollution	0	0	2
Green Design	Upgrade/Retrofit-Water Conservation	1	0	1
Health & Wellness	Anti-Idling Education & Enforcement Program	2	4	1
Health & Wellness	Building Healthier Communities	6	0	0
Health & Wellness	Safe Routes to School	1	2	0
Innovation & Demonstration Projects	Geothermal Energy	0	1	0
Innovation & Demonstration Projects	Green Roofs	1	0	0
Innovation & Demonstration Projects	Innovative Community Project 1 (Formerly Other)	3	3	1
Innovation & Demonstration Projects	Innovative Community Project 2 (Formerly Other 2)	3	3	0

Innovation & Demonstration Projects	Innovative Community Project 3	2	0	0
Innovation & Demonstration Projects	Raingardens	2	1	0
Innovation & Demonstration Projects	Solar	4	0	1
Innovation & Demonstration Projects	Wind	0	0	1
Land Use & Transportation	Bicycle and or Pedestrian Audit	1	0	0
Land Use & Transportation	Bicycle and or Pedestrian Plan	0	2	0
Land Use & Transportation	Complete Streets Program	4	1	0
Land Use & Transportation	Green Building and Environmental Sustainability Element	2	0	0
Land Use & Transportation	Smart Workplaces (Gold)	0	0	0
Land Use & Transportation	Smart Workplaces (Platinum)	1	0	0
Land Use & Transportation	Sustainable Land Use Pledge	6	0	1
Land Use & Transportation	Transit-Oriented Development Supportive Zoning	0	0	1
Local Economies	Buy Local Campaign	2	1	1
Local Economies	Green Business Recognition Program	1	0	0
Local Economies	Green Jobs/Economic Development	1	0	0
Local Economies	Support Local Businesses	1	2	1
Natural Resources	Clustering Ordinance	1	1	0
Natural Resources	Community Forestry Plan and Tree Cover Goal	5	2	2
Natural Resources	Easement Inspections and Evaluations	0	0	1
Natural Resources	Easement Inventory and Outreach	0	0	1
Natural Resources	Environmental Assessment Ordinance	3	0	1
Natural Resources	Environmental Commission	7	0	1
Natural Resources	Habitat Conservation Ordinance	1	0	2
Natural Resources	i-Tree Assessment of Municipal Trees	0	1	0
Natural Resources	Natural Resource Inventory	5	0	1
Natural Resources	Open Space Plans	5	1	1
Natural Resources	Tree Hazard Inventory	2	1	0
Natural Resources	Tree Maintenance Programs	4	0	2
Natural Resources	Tree Planting Programs	4	0	2
Natural Resources	Tree Protection Ordinance	6	0	0
Natural Resources	Water Conservation Education Program	1	0	1
Natural Resources	Water Conservation Ordinance	0	1	2
Operations & Maintenance	Adopt a Green Purchasing Policy by Ordinance	1	0	1
Operations & Maintenance	Adopt a Green Purchasing Policy by Resolution	1	1	0
Operations & Maintenance	Adopt Behavioral Policies	0	1	0
Operations & Maintenance	Create a Policy (Grounds & Maintenance)	0	0	0
Operations & Maintenance	Driver Training	1	0	0
Operations & Maintenance	Efficient Landscape Design	1	0	2
Operations & Maintenance	Energy-Efficient Appliances or Equipment	1	0	1
Operations & Maintenance	Fleet Inventory	3	1	3
Operations & Maintenance	Green Cleaning Products	2	1	2
Operations & Maintenance	Green Maintenance Equipment and Materials	2	0	0
Operations & Maintenance	Integrated Pest Management	1	1	2
Operations & Maintenance	Meet Target for Green Fleets	0	1	0
Operations & Maintenance	Minimize Water Consumption	0	0	1
Operations & Maintenance	Purchase Alternative Fuel Vehicles	3	0	2
Operations & Maintenance	Recycled Materials and Composting	1	0	2
Operations & Maintenance	Recycled Paper	1	2	1
Operations & Maintenance	Vehicle Conversions	1	0	0
Sustainability Planning	Action Plans	2	0	0
Sustainability Planning	Community Asset Mapping	2	1	1
Sustainability Planning	Community Visioning	2	0	1
Sustainability Planning	Indicators and Targets	2	0	1
Sustainability Planning	Vision Statement and Goals	1	1	1
Totals		210	67	78

Appendix 1F – Monmouth County

Action Category	Action Name	Approved	Not Approved	In Progress
Animals in the Community	Wildlife Interaction Plan	0	0	0
Arts & Creative Culture	Creative Assets Inventory	0	0	0
Arts & Creative Culture	Creative Placemaking Plan	0	1	0
Arts & Creative Culture	Establish a Creative Team	1	0	0
Brownfields	Brownfields Inventory & Prioritization	0	0	0
Brownfields	Brownfields Reuse Planning	0	0	0
Climate Mitigation & Adaptation	Climate Action Plan	0	0	0
Climate Mitigation & Adaptation	Climate Adaptation: Flooding Risk	0	1	1
Climate Mitigation & Adaptation	Community Carbon Footprint	1	1	0
Climate Mitigation & Adaptation	Municipal Carbon Footprint	2	1	1
Climate Mitigation & Adaptation	Wind Ordinance	1	1	0
Community Partnership & Outreach	Community Education and Outreach	7	3	2
Community Partnership & Outreach	Create Green Team	17	1	3
Community Partnership & Outreach	Education for Sustainability Programs	3	0	0
Community Partnership & Outreach	Energy Education and Outreach	0	1	0
Community Partnership & Outreach	Green Challenges & Community Programs	2	3	1
Community Partnership & Outreach	Green Your Green Fair	1	0	0
Community Partnership & Outreach	Hold a Green Fair	8	0	1
Community Partnership & Outreach	School-based Energy Conservation Programs	0	2	0
Diversity & Equity	Diversity on Boards & Commissions	0	2	1
Diversity & Equity	Environmental Justice in Planning & Zoning	0	2	0
Diversity & Equity	Lead Education and Outreach Programs	0	0	0
Diversity & Equity	Lead-Safe Training Programs	1	0	0
Energy Efficiency	Achieving Target Increase in Local Business Participation	0	0	0
Energy Efficiency	Energy Audits for One Building	5	5	0
Energy Efficiency	Energy Tracking and Management	3	0	1
Energy Efficiency	High Performance Building	0	0	0
Energy Efficiency	High Performance Building Portfolio	0	1	0
Energy Efficiency	Inventory and Upgrade All Buildings	9	1	1
Energy Efficiency	Municipal Program	0	1	0
Energy Efficiency	Outreach	0	0	0
Energy Efficiency	Outreach Campaign to Local Business Community	0	0	0
Food	Buy Fresh Buy Local Programs	2	1	0
Food	Community or School Gardens	8	1	2
Food	Farmers Markets	9	1	1
Food	Farmland Preservation Plans	1	1	2
Food	Making Farmers Markets Accessible	2	0	0
Green Design	Construction Waste Recycling	0	0	0
Green Design	Create a Green Development Checklist	3	1	0
Green Design	Green Building Education	0	0	0
Green Design	Green Building Policy/Resolution	1	1	0
Green Design	Green Building Training	0	2	0
Green Design	New Construction	0	0	0
Green Design	Site Plan Green Design Standards	0	0	0
Green Design	Upgrade/Retrofit-Light Pollution	1	1	0
Green Design	Upgrade/Retrofit-Water Conservation	0	1	0
Health & Wellness	Anti-Idling Education & Enforcement Program	6	4	3
Health & Wellness	Building Healthier Communities	2	2	2
Health & Wellness	Safe Routes to School	1	3	0
Innovation & Demonstration Projects	Geothermal Energy	0	0	0
Innovation & Demonstration Projects	Green Roofs	0	1	0
Innovation & Demonstration Projects	Innovative Community Project 1 (Formerly Other)	8	1	0
Innovation & Demonstration Projects	Innovative Community Project 2 (Formerly Other 2)	3	3	0

Innovation & Demonstration Projects	Innovative Community Project 3	1	0	0
Innovation & Demonstration Projects	Raingardens	9	3	0
Innovation & Demonstration Projects	Solar	2	2	0
Innovation & Demonstration Projects	Wind	2	0	0
Land Use & Transportation	Bicycle and or Pedestrian Audit	1	0	0
Land Use & Transportation	Bicycle and or Pedestrian Plan	2	1	0
Land Use & Transportation	Complete Streets Program	0	4	0
Land Use & Transportation	Green Building and Environmental Sustainability Element	3	1	0
Land Use & Transportation	Smart Workplaces (Gold)	0	0	0
Land Use & Transportation	Smart Workplaces (Platinum)	0	0	0
Land Use & Transportation	Sustainable Land Use Pledge	12	2	0
Land Use & Transportation	Transit-Oriented Development Supportive Zoning	0	0	0
Local Economies	Buy Local Campaign	6	0	1
Local Economies	Green Business Recognition Program	0	1	0
Local Economies	Green Jobs/Economic Development	0	0	0
Local Economies	Support Local Businesses	2	3	1
Natural Resources	Clustering Ordinance	1	1	0
Natural Resources	Community Forestry Plan and Tree Cover Goal	10	1	1
Natural Resources	Easement Inspections and Evaluations	0	0	0
Natural Resources	Easement Inventory and Outreach	0	1	0
Natural Resources	Environmental Assessment Ordinance	0	1	0
Natural Resources	Environmental Commission	18	1	0
Natural Resources	Habitat Conservation Ordinance	0	0	0
Natural Resources	i-Tree Assessment of Municipal Trees	0	1	0
Natural Resources	Natural Resource Inventory	8	1	1
Natural Resources	Open Space Plans	6	5	1
Natural Resources	Tree Hazard Inventory	1	1	0
Natural Resources	Tree Maintenance Programs	4	0	1
Natural Resources	Tree Planting Programs	5	1	1
Natural Resources	Tree Protection Ordinance	4	2	0
Natural Resources	Water Conservation Education Program	1	2	0
Natural Resources	Water Conservation Ordinance	2	5	2
Operations & Maintenance	Adopt a Green Purchasing Policy by Ordinance	2	0	1
Operations & Maintenance	Adopt a Green Purchasing Policy by Resolution	1	0	0
Operations & Maintenance	Adopt Behavioral Policies	0	1	0
Operations & Maintenance	Create a Policy (Grounds & Maintenance)	0	0	0
Operations & Maintenance	Driver Training	0	0	0
Operations & Maintenance	Efficient Landscape Design	1	0	0
Operations & Maintenance	Energy-Efficient Appliances or Equipment	1	0	1
Operations & Maintenance	Fleet Inventory	1	2	2
Operations & Maintenance	Green Cleaning Products	2	0	1
Operations & Maintenance	Green Maintenance Equipment and Materials	0	0	0
Operations & Maintenance	Integrated Pest Management	0	3	0
Operations & Maintenance	Meet Target for Green Fleets	0	0	0
Operations & Maintenance	Minimize Water Consumption	1	0	0
Operations & Maintenance	Purchase Alternative Fuel Vehicles	1	1	1
Operations & Maintenance	Recycled Materials and Composting	1	2	0
Operations & Maintenance	Recycled Paper	3	0	1
Operations & Maintenance	Vehicle Conversions	0	1	0
Sustainability Planning	Action Plans	1	2	1
Sustainability Planning	Community Asset Mapping	1	1	0
Sustainability Planning	Community Visioning	1	2	0
Sustainability Planning	Indicators and Targets	1	0	0
Sustainability Planning	Vision Statement and Goals	1	2	0
Totals		229	110	41

Appendix 1H – Morris County

Action Category	Action Name	Approved	Not Approved	In Progress
Animals in the Community	Wildlife Interaction Plan	0	1	0
Arts & Creative Culture	Creative Assets Inventory	0	3	0
Arts & Creative Culture	Creative Placemaking Plan	0	0	0
Arts & Creative Culture	Establish a Creative Team	2	2	0
Brownfields	Brownfields Inventory & Prioritization	1	1	0
Brownfields	Brownfields Reuse Planning	0	0	0
Climate Mitigation & Adaptation	Climate Action Plan	0	0	0
Climate Mitigation & Adaptation	Climate Adaptation: Flooding Risk	0	0	0
Climate Mitigation & Adaptation	Community Carbon Footprint	2	0	0
Climate Mitigation & Adaptation	Municipal Carbon Footprint	5	2	0
Climate Mitigation & Adaptation	Wind Ordinance	0	0	0
Community Partnership & Outreach	Community Education and Outreach	10	1	1
Community Partnership & Outreach	Create Green Team	15	0	2
Community Partnership & Outreach	Education for Sustainability Programs	8	1	0
Community Partnership & Outreach	Energy Education and Outreach	2	1	1
Community Partnership & Outreach	Green Challenges & Community Programs	4	2	0
Community Partnership & Outreach	Green Your Green Fair	4	1	0
Community Partnership & Outreach	Hold a Green Fair	7	1	2
Community Partnership & Outreach	School-based Energy Conservation Programs	0	0	0
Diversity & Equity	Diversity on Boards & Commissions	1	2	0
Diversity & Equity	Environmental Justice in Planning & Zoning	0	0	0
Diversity & Equity	Lead Education and Outreach Programs	1	1	0
Diversity & Equity	Lead-Safe Training Programs	0	1	0
Energy Efficiency	Achieving Target Increase in Local Business Participation	0	1	0
Energy Efficiency	Energy Audits for One Building	4	8	0
Energy Efficiency	Energy Tracking and Management	4	2	1
Energy Efficiency	High Performance Building	0	0	0
Energy Efficiency	High Performance Building Portfolio	0	0	0
Energy Efficiency	Inventory and Upgrade All Buildings	9	1	0
Energy Efficiency	Municipal Program	0	2	0
Energy Efficiency	Outreach	1	1	0
Energy Efficiency	Outreach Campaign to Local Business Community	1	3	1
Food	Buy Fresh Buy Local Programs	0	0	0
Food	Community or School Gardens	10	0	0
Food	Farmers Markets	8	0	2
Food	Farmland Preservation Plans	0	2	1
Food	Making Farmers Markets Accessible	3	1	0
Green Design	Construction Waste Recycling	1	2	1
Green Design	Create a Green Development Checklist	0	1	0
Green Design	Green Building Education	0	1	0
Green Design	Green Building Policy/Resolution	3	0	0
Green Design	Green Building Training	0	1	0
Green Design	New Construction	0	1	0
Green Design	Site Plan Green Design Standards	0	1	0
Green Design	Upgrade/Retrofit-Light Pollution	0	1	0
Green Design	Upgrade/Retrofit-Water Conservation	1	1	0
Health & Wellness	Anti-Idling Education & Enforcement Program	5	2	2
Health & Wellness	Building Healthier Communities	5	1	1
Health & Wellness	Safe Routes to School	3	3	2
Innovation & Demonstration Projects	Geothermal Energy	0	1	0
Innovation & Demonstration Projects	Green Roofs	0	1	0
Innovation & Demonstration Projects	Innovative Community Project 1 (Formerly Other)	7	2	1
Innovation & Demonstration Projects	Innovative Community Project 2 (Formerly Other 2)	3	3	1

Innovation & Demonstration Projects	Innovative Community Project 3	1	0	0
Innovation & Demonstration Projects	Raingardens	10	0	1
Innovation & Demonstration Projects	Solar	2	2	0
Innovation & Demonstration Projects	Wind	0	0	0
Land Use & Transportation	Bicycle and or Pedestrian Audit	1	1	0
Land Use & Transportation	Bicycle and or Pedestrian Plan	2	0	0
Land Use & Transportation	Complete Streets Program	5	2	0
Land Use & Transportation	Green Building and Environmental Sustainability Element	0	0	0
Land Use & Transportation	Smart Workplaces (Gold)	0	1	0
Land Use & Transportation	Smart Workplaces (Platinum)	0	0	0
Land Use & Transportation	Sustainable Land Use Pledge	10	1	0
Land Use & Transportation	Transit-Oriented Development Supportive Zoning	0	0	0
Local Economies	Buy Local Campaign	3	0	0
Local Economies	Green Business Recognition Program	0	1	1
Local Economies	Green Jobs/Economic Development	0	0	0
Local Economies	Support Local Businesses	2	2	0
Natural Resources	Clustering Ordinance	1	1	0
Natural Resources	Community Forestry Plan and Tree Cover Goal	3	1	1
Natural Resources	Easement Inspections and Evaluations	3	1	0
Natural Resources	Easement Inventory and Outreach	3	1	0
Natural Resources	Environmental Assessment Ordinance	2	1	0
Natural Resources	Environmental Commission	11	1	2
Natural Resources	Habitat Conservation Ordinance	0	2	1
Natural Resources	i-Tree Assessment of Municipal Trees	0	1	0
Natural Resources	Natural Resource Inventory	8	1	1
Natural Resources	Open Space Plans	9	2	1
Natural Resources	Tree Hazard Inventory	1	1	1
Natural Resources	Tree Maintenance Programs	3	1	1
Natural Resources	Tree Planting Programs	3	1	1
Natural Resources	Tree Protection Ordinance	6	1	0
Natural Resources	Water Conservation Education Program	5	1	1
Natural Resources	Water Conservation Ordinance	0	3	0
Operations & Maintenance	Adopt a Green Purchasing Policy by Ordinance	1	1	0
Operations & Maintenance	Adopt a Green Purchasing Policy by Resolution	1	2	0
Operations & Maintenance	Adopt Behavioral Policies	2	1	1
Operations & Maintenance	Create a Policy (Grounds & Maintenance)	0	0	0
Operations & Maintenance	Driver Training	1	1	1
Operations & Maintenance	Efficient Landscape Design	3	1	0
Operations & Maintenance	Energy-Efficient Appliances or Equipment	2	1	1
Operations & Maintenance	Fleet Inventory	9	1	0
Operations & Maintenance	Green Cleaning Products	1	1	0
Operations & Maintenance	Green Maintenance Equipment and Materials	0	1	1
Operations & Maintenance	Integrated Pest Management	1	0	0
Operations & Maintenance	Meet Target for Green Fleets	0	0	0
Operations & Maintenance	Minimize Water Consumption	2	1	0
Operations & Maintenance	Purchase Alternative Fuel Vehicles	1	0	0
Operations & Maintenance	Recycled Materials and Composting	3	1	0
Operations & Maintenance	Recycled Paper	4	1	0
Operations & Maintenance	Vehicle Conversions	0	0	0
Sustainability Planning	Action Plans	0	1	0
Sustainability Planning	Community Asset Mapping	4	1	0
Sustainability Planning	Community Visioning	1	1	1
Sustainability Planning	Indicators and Targets	0	1	0
Sustainability Planning	Vision Statement and Goals	0	1	0
Totals		266	116	37

Appendix 11 – Ocean County

Action Category	Action Name	Approved	Not Approved	In Progress
Animals in the Community	Wildlife Interaction Plan	0	0	0
Arts & Creative Culture	Creative Assets Inventory	1	0	0
Arts & Creative Culture	Creative Placemaking Plan	0	1	0
Arts & Creative Culture	Establish a Creative Team	1	1	0
Brownfields	Brownfields Inventory & Prioritization	0	0	0
Brownfields	Brownfields Reuse Planning	0	0	0
Climate Mitigation & Adaptation	Climate Action Plan	0	1	0
Climate Mitigation & Adaptation	Climate Adaptation: Flooding Risk	3	1	1
Climate Mitigation & Adaptation	Community Carbon Footprint	0	1	0
Climate Mitigation & Adaptation	Municipal Carbon Footprint	0	2	0
Climate Mitigation & Adaptation	Wind Ordinance	2	3	0
Community Partnership & Outreach	Community Education and Outreach	4	4	0
Community Partnership & Outreach	Create Green Team	5	3	1
Community Partnership & Outreach	Education for Sustainability Programs	2	1	0
Community Partnership & Outreach	Energy Education and Outreach	0	3	0
Community Partnership & Outreach	Green Challenges & Community Programs	1	1	0
Community Partnership & Outreach	Green Your Green Fair	0	3	0
Community Partnership & Outreach	Hold a Green Fair	1	5	0
Community Partnership & Outreach	School-based Energy Conservation Programs	0	2	0
Diversity & Equity	Diversity on Boards & Commissions	0	1	0
Diversity & Equity	Environmental Justice in Planning & Zoning	0	0	0
Diversity & Equity	Lead Education and Outreach Programs	0	2	0
Diversity & Equity	Lead-Safe Training Programs	0	0	0
Energy Efficiency	Achieving Target Increase in Local Business Participation	0	1	0
Energy Efficiency	Energy Audits for One Building	2	6	0
Energy Efficiency	Energy Tracking and Management	0	4	0
Energy Efficiency	High Performance Building	0	0	0
Energy Efficiency	High Performance Building Portfolio	0	0	0
Energy Efficiency	Inventory and Upgrade All Buildings	3	2	0
Energy Efficiency	Municipal Program	0	0	0
Energy Efficiency	Outreach	0	1	0
Energy Efficiency	Outreach Campaign to Local Business Community	0	1	0
Food	Buy Fresh Buy Local Programs	0	2	0
Food	Community or School Gardens	1	1	1
Food	Farmers Markets	1	1	0
Food	Farmland Preservation Plans	0	1	0
Food	Making Farmers Markets Accessible	1	0	0
Green Design	Construction Waste Recycling	0	0	0
Green Design	Create a Green Development Checklist	0	0	0
Green Design	Green Building Education	0	0	0
Green Design	Green Building Policy/Resolution	0	1	0
Green Design	Green Building Training	0	1	0
Green Design	New Construction	0	0	0
Green Design	Site Plan Green Design Standards	0	0	0
Green Design	Upgrade/Retrofit-Light Pollution	0	0	0
Green Design	Upgrade/Retrofit-Water Conservation	0	0	0
Health & Wellness	Anti-Idling Education & Enforcement Program	1	4	0
Health & Wellness	Building Healthier Communities	1	3	0
Health & Wellness	Safe Routes to School	0	2	0
Innovation & Demonstration Projects	Geothermal Energy	0	2	0
Innovation & Demonstration Projects	Green Roofs	0	0	0
Innovation & Demonstration Projects	Innovative Community Project 1 (Formerly Other)	3	3	1
Innovation & Demonstration Projects	Innovative Community Project 2 (Formerly Other 2)	3	1	0

Innovation & Demonstration Projects	Innovative Community Project 3	1	1	0
Innovation & Demonstration Projects	Raingardens	4	2	1
Innovation & Demonstration Projects	Solar	2	1	2
Innovation & Demonstration Projects	Wind	1	1	0
Land Use & Transportation	Bicycle and or Pedestrian Audit	0	1	0
Land Use & Transportation	Bicycle and or Pedestrian Plan	0	1	0
Land Use & Transportation	Complete Streets Program	0	2	0
Land Use & Transportation	Green Building and Environmental Sustainability Element	0	0	0
Land Use & Transportation	Smart Workplaces (Gold)	0	0	0
Land Use & Transportation	Smart Workplaces (Platinum)	0	0	0
Land Use & Transportation	Sustainable Land Use Pledge	1	4	0
Land Use & Transportation	Transit-Oriented Development Supportive Zoning	0	0	0
Local Economies	Buy Local Campaign	1	2	0
Local Economies	Green Business Recognition Program	0	1	1
Local Economies	Green Jobs/Economic Development	0	0	0
Local Economies	Support Local Businesses	1	3	0
Natural Resources	Clustering Ordinance	1	3	0
Natural Resources	Community Forestry Plan and Tree Cover Goal	0	1	2
Natural Resources	Easement Inspections and Evaluations	0	2	0
Natural Resources	Easement Inventory and Outreach	0	2	0
Natural Resources	Environmental Assessment Ordinance	3	0	0
Natural Resources	Environmental Commission	4	2	2
Natural Resources	Habitat Conservation Ordinance	1	2	0
Natural Resources	i-Tree Assessment of Municipal Trees	0	0	0
Natural Resources	Natural Resource Inventory	3	3	2
Natural Resources	Open Space Plans	4	2	3
Natural Resources	Tree Hazard Inventory	0	1	0
Natural Resources	Tree Maintenance Programs	0	1	0
Natural Resources	Tree Planting Programs	0	2	0
Natural Resources	Tree Protection Ordinance	3	1	0
Natural Resources	Water Conservation Education Program	1	1	0
Natural Resources	Water Conservation Ordinance	0	3	2
Operations & Maintenance	Adopt a Green Purchasing Policy by Ordinance	0	0	0
Operations & Maintenance	Adopt a Green Purchasing Policy by Resolution	0	0	0
Operations & Maintenance	Adopt Behavioral Policies	0	2	2
Operations & Maintenance	Create a Policy (Grounds & Maintenance)	0	0	0
Operations & Maintenance	Driver Training	0	4	0
Operations & Maintenance	Efficient Landscape Design	0	0	1
Operations & Maintenance	Energy-Efficient Appliances or Equipment	0	0	0
Operations & Maintenance	Fleet Inventory	1	4	1
Operations & Maintenance	Green Cleaning Products	0	0	0
Operations & Maintenance	Green Maintenance Equipment and Materials	0	0	0
Operations & Maintenance	Integrated Pest Management	0	0	0
Operations & Maintenance	Meet Target for Green Fleets	0	0	0
Operations & Maintenance	Minimize Water Consumption	0	0	1
Operations & Maintenance	Purchase Alternative Fuel Vehicles	1	1	0
Operations & Maintenance	Recycled Materials and Composting	1	0	0
Operations & Maintenance	Recycled Paper	0	2	0
Operations & Maintenance	Vehicle Conversions	0	0	0
Sustainability Planning	Action Plans	0	0	0
Sustainability Planning	Community Asset Mapping	0	1	0
Sustainability Planning	Community Visioning	0	3	0
Sustainability Planning	Indicators and Targets	0	0	0
Sustainability Planning	Vision Statement and Goals	0	0	0
Totals		73	140	25

Appendix 1J – Passaic County

Action Category	Action Name	Approved	Not Approved	In Progress
Animals in the Community	Wildlife Interaction Plan	0	1	0
Arts & Creative Culture	Creative Assets Inventory	0	0	0
Arts & Creative Culture	Creative Placemaking Plan	0	0	0
Arts & Creative Culture	Establish a Creative Team	0	0	0
Brownfields	Brownfields Inventory & Prioritization	0	0	0
Brownfields	Brownfields Reuse Planning	0	0	0
Climate Mitigation & Adaptation	Climate Action Plan	0	1	0
Climate Mitigation & Adaptation	Climate Adaptation: Flooding Risk	1	0	0
Climate Mitigation & Adaptation	Community Carbon Footprint	1	0	0
Climate Mitigation & Adaptation	Municipal Carbon Footprint	2	1	0
Climate Mitigation & Adaptation	Wind Ordinance	0	0	0
Community Partnership & Outreach	Community Education and Outreach	3	2	0
Community Partnership & Outreach	Create Green Team	4	1	0
Community Partnership & Outreach	Education for Sustainability Programs	3	1	0
Community Partnership & Outreach	Energy Education and Outreach	2	0	0
Community Partnership & Outreach	Green Challenges & Community Programs	0	0	0
Community Partnership & Outreach	Green Your Green Fair	1	1	1
Community Partnership & Outreach	Hold a Green Fair	3	1	0
Community Partnership & Outreach	School-based Energy Conservation Programs	0	1	0
Diversity & Equity	Diversity on Boards & Commissions	0	0	0
Diversity & Equity	Environmental Justice in Planning & Zoning	0	0	0
Diversity & Equity	Lead Education and Outreach Programs	1	2	0
Diversity & Equity	Lead-Safe Training Programs	1	2	0
Energy Efficiency	Achieving Target Increase in Local Business Participation	0	0	0
Energy Efficiency	Energy Audits for One Building	3	0	0
Energy Efficiency	Energy Tracking and Management	0	0	0
Energy Efficiency	High Performance Building	0	2	0
Energy Efficiency	High Performance Building Portfolio	0	0	0
Energy Efficiency	Inventory and Upgrade All Buildings	1	1	0
Energy Efficiency	Municipal Program	0	0	0
Energy Efficiency	Outreach	0	0	1
Energy Efficiency	Outreach Campaign to Local Business Community	0	0	0
Food	Buy Fresh Buy Local Programs	2	0	0
Food	Community or School Gardens	4	1	0
Food	Farmers Markets	3	1	0
Food	Farmland Preservation Plans	1	0	0
Food	Making Farmers Markets Accessible	2	0	0
Green Design	Construction Waste Recycling	0	0	0
Green Design	Create a Green Development Checklist	0	1	0
Green Design	Green Building Education	0	0	0
Green Design	Green Building Policy/Resolution	1	0	0
Green Design	Green Building Training	0	0	0
Green Design	New Construction	0	0	0
Green Design	Site Plan Green Design Standards	0	0	0
Green Design	Upgrade/Retrofit-Light Pollution	0	0	0
Green Design	Upgrade/Retrofit-Water Conservation	0	0	0
Health & Wellness	Anti-Idling Education & Enforcement Program	2	1	0
Health & Wellness	Building Healthier Communities	3	2	1
Health & Wellness	Safe Routes to School	0	1	0
Innovation & Demonstration Projects	Geothermal Energy	0	0	0
Innovation & Demonstration Projects	Green Roofs	0	0	0
Innovation & Demonstration Projects	Innovative Community Project 1 (Formerly Other)	2	0	0
Innovation & Demonstration Projects	Innovative Community Project 2 (Formerly Other 2)	1	0	0

Innovation & Demonstration Projects	Innovative Community Project 3	0	1	0
Innovation & Demonstration Projects	Raingardens	3	0	0
Innovation & Demonstration Projects	Solar	1	0	0
Innovation & Demonstration Projects	Wind	0	0	0
Land Use & Transportation	Bicycle and or Pedestrian Audit	0	0	0
Land Use & Transportation	Bicycle and or Pedestrian Plan	0	0	1
Land Use & Transportation	Complete Streets Program	0	1	0
Land Use & Transportation	Green Building and Environmental Sustainability Element	0	0	0
Land Use & Transportation	Smart Workplaces (Gold)	0	0	0
Land Use & Transportation	Smart Workplaces (Platinum)	0	0	0
Land Use & Transportation	Sustainable Land Use Pledge	2	2	0
Land Use & Transportation	Transit-Oriented Development Supportive Zoning	0	0	0
Local Economies	Buy Local Campaign	2	1	1
Local Economies	Green Business Recognition Program	1	0	0
Local Economies	Green Jobs/Economic Development	0	0	0
Local Economies	Support Local Businesses	2	1	1
Natural Resources	Clustering Ordinance	0	0	0
Natural Resources	Community Forestry Plan and Tree Cover Goal	2	0	0
Natural Resources	Easement Inspections and Evaluations	0	0	0
Natural Resources	Easement Inventory and Outreach	0	1	0
Natural Resources	Environmental Assessment Ordinance	0	0	1
Natural Resources	Environmental Commission	2	1	0
Natural Resources	Habitat Conservation Ordinance	0	0	0
Natural Resources	i-Tree Assessment of Municipal Trees	0	1	0
Natural Resources	Natural Resource Inventory	2	1	1
Natural Resources	Open Space Plans	1	1	1
Natural Resources	Tree Hazard Inventory	1	0	1
Natural Resources	Tree Maintenance Programs	1	0	1
Natural Resources	Tree Planting Programs	1	0	1
Natural Resources	Tree Protection Ordinance	2	0	1
Natural Resources	Water Conservation Education Program	1	0	0
Natural Resources	Water Conservation Ordinance	0	1	0
Operations & Maintenance	Adopt a Green Purchasing Policy by Ordinance	1	0	0
Operations & Maintenance	Adopt a Green Purchasing Policy by Resolution	0	0	0
Operations & Maintenance	Adopt Behavioral Policies	0	0	0
Operations & Maintenance	Create a Policy (Grounds & Maintenance)	0	0	0
Operations & Maintenance	Driver Training	0	0	0
Operations & Maintenance	Efficient Landscape Design	0	0	0
Operations & Maintenance	Energy-Efficient Appliances or Equipment	0	0	0
Operations & Maintenance	Fleet Inventory	1	0	0
Operations & Maintenance	Green Cleaning Products	0	1	0
Operations & Maintenance	Green Maintenance Equipment and Materials	0	0	0
Operations & Maintenance	Integrated Pest Management	0	1	1
Operations & Maintenance	Meet Target for Green Fleets	0	0	0
Operations & Maintenance	Minimize Water Consumption	0	0	0
Operations & Maintenance	Purchase Alternative Fuel Vehicles	0	0	0
Operations & Maintenance	Recycled Materials and Composting	0	0	0
Operations & Maintenance	Recycled Paper	1	0	1
Operations & Maintenance	Vehicle Conversions	0	0	0
Sustainability Planning	Action Plans	0	0	0
Sustainability Planning	Community Asset Mapping	1	1	0
Sustainability Planning	Community Visioning	0	0	0
Sustainability Planning	Indicators and Targets	0	0	0
Sustainability Planning	Vision Statement and Goals	0	0	0
Totals		78	43	15

Appendix 1K – Somerset County

Action Category	Action Name	Approved	Not Approved	In Progress
Animals in the Community	Wildlife Interaction Plan	1	2	0
Arts & Creative Culture	Creative Assets Inventory	2	0	0
Arts & Creative Culture	Creative Placemaking Plan	0	0	1
Arts & Creative Culture	Establish a Creative Team	2	1	0
Brownfields	Brownfields Inventory & Prioritization	0	0	0
Brownfields	Brownfields Reuse Planning	0	0	0
Climate Mitigation & Adaptation	Climate Action Plan	0	0	0
Climate Mitigation & Adaptation	Climate Adaptation: Flooding Risk	0	1	0
Climate Mitigation & Adaptation	Community Carbon Footprint	0	0	0
Climate Mitigation & Adaptation	Municipal Carbon Footprint	4	0	0
Climate Mitigation & Adaptation	Wind Ordinance	3	0	0
Community Partnership & Outreach	Community Education and Outreach	7	2	0
Community Partnership & Outreach	Create Green Team	12	0	0
Community Partnership & Outreach	Education for Sustainability Programs	3	1	0
Community Partnership & Outreach	Energy Education and Outreach	0	0	0
Community Partnership & Outreach	Green Challenges & Community Programs	1	3	2
Community Partnership & Outreach	Green Your Green Fair	1	3	0
Community Partnership & Outreach	Hold a Green Fair	5	3	0
Community Partnership & Outreach	School-based Energy Conservation Programs	2	2	1
Diversity & Equity	Diversity on Boards & Commissions	1	0	0
Diversity & Equity	Environmental Justice in Planning & Zoning	0	0	0
Diversity & Equity	Lead Education and Outreach Programs	1	0	0
Diversity & Equity	Lead-Safe Training Programs	0	0	0
Energy Efficiency	Achieving Target Increase in Local Business Participation	0	0	0
Energy Efficiency	Energy Audits for One Building	3	7	0
Energy Efficiency	Energy Tracking and Management	2	0	1
Energy Efficiency	High Performance Building	1	2	0
Energy Efficiency	High Performance Building Portfolio	0	1	0
Energy Efficiency	Inventory and Upgrade All Buildings	8	0	1
Energy Efficiency	Municipal Program	1	0	0
Energy Efficiency	Outreach	0	2	0
Energy Efficiency	Outreach Campaign to Local Business Community	0	0	0
Food	Buy Fresh Buy Local Programs	0	1	1
Food	Community or School Gardens	5	1	0
Food	Farmers Markets	6	1	1
Food	Farmland Preservation Plans	5	0	0
Food	Making Farmers Markets Accessible	2	0	0
Green Design	Construction Waste Recycling	0	1	0
Green Design	Create a Green Development Checklist	2	0	0
Green Design	Green Building Education	1	0	0
Green Design	Green Building Policy/Resolution	5	0	1
Green Design	Green Building Training	0	1	0
Green Design	New Construction	0	2	0
Green Design	Site Plan Green Design Standards	1	0	0
Green Design	Upgrade/Retrofit-Light Pollution	2	0	0
Green Design	Upgrade/Retrofit-Water Conservation	1	1	0
Health & Wellness	Anti-Idling Education & Enforcement Program	3	4	1
Health & Wellness	Building Healthier Communities	3	1	0
Health & Wellness	Safe Routes to School	0	3	0
Innovation & Demonstration Projects	Geothermal Energy	1	0	0
Innovation & Demonstration Projects	Green Roofs	0	0	0
Innovation & Demonstration Projects	Innovative Community Project 1 (Formerly Other)	7	1	0
Innovation & Demonstration Projects	Innovative Community Project 2 (Formerly Other 2)	5	1	0

Innovation & Demonstration Projects	Innovative Community Project 3	2	2	0
Innovation & Demonstration Projects	Raingardens	2	1	0
Innovation & Demonstration Projects	Solar	5	1	0
Innovation & Demonstration Projects	Wind	0	0	0
Land Use & Transportation	Bicycle and or Pedestrian Audit	1	0	0
Land Use & Transportation	Bicycle and or Pedestrian Plan	0	1	0
Land Use & Transportation	Complete Streets Program	1	1	0
Land Use & Transportation	Green Building and Environmental Sustainability Element	0	0	1
Land Use & Transportation	Smart Workplaces (Gold)	0	0	1
Land Use & Transportation	Smart Workplaces (Platinum)	1	0	0
Land Use & Transportation	Sustainable Land Use Pledge	8	1	0
Land Use & Transportation	Transit-Oriented Development Supportive Zoning	0	0	0
Local Economies	Buy Local Campaign	2	2	0
Local Economies	Green Business Recognition Program	0	0	0
Local Economies	Green Jobs/Economic Development	0	1	0
Local Economies	Support Local Businesses	1	3	0
Natural Resources	Clustering Ordinance	5	1	0
Natural Resources	Community Forestry Plan and Tree Cover Goal	5	2	0
Natural Resources	Easement Inspections and Evaluations	1	1	1
Natural Resources	Easement Inventory and Outreach	1	2	0
Natural Resources	Environmental Assessment Ordinance	4	0	0
Natural Resources	Environmental Commission	11	0	0
Natural Resources	Habitat Conservation Ordinance	0	2	0
Natural Resources	i-Tree Assessment of Municipal Trees	0	0	0
Natural Resources	Natural Resource Inventory	6	1	0
Natural Resources	Open Space Plans	4	4	0
Natural Resources	Tree Hazard Inventory	1	1	0
Natural Resources	Tree Maintenance Programs	2	2	0
Natural Resources	Tree Planting Programs	3	3	0
Natural Resources	Tree Protection Ordinance	10	1	0
Natural Resources	Water Conservation Education Program	3	2	0
Natural Resources	Water Conservation Ordinance	0	0	1
Operations & Maintenance	Adopt a Green Purchasing Policy by Ordinance	0	1	1
Operations & Maintenance	Adopt a Green Purchasing Policy by Resolution	2	1	0
Operations & Maintenance	Adopt Behavioral Policies	2	0	0
Operations & Maintenance	Create a Policy (Grounds & Maintenance)	0	0	0
Operations & Maintenance	Driver Training	0	0	0
Operations & Maintenance	Efficient Landscape Design	1	0	0
Operations & Maintenance	Energy-Efficient Appliances or Equipment	2	1	0
Operations & Maintenance	Fleet Inventory	2	2	0
Operations & Maintenance	Green Cleaning Products	2	0	0
Operations & Maintenance	Green Maintenance Equipment and Materials	1	0	0
Operations & Maintenance	Integrated Pest Management	2	0	0
Operations & Maintenance	Meet Target for Green Fleets	0	0	0
Operations & Maintenance	Minimize Water Consumption	1	1	0
Operations & Maintenance	Purchase Alternative Fuel Vehicles	1	0	0
Operations & Maintenance	Recycled Materials and Composting	2	1	0
Operations & Maintenance	Recycled Paper	2	1	1
Operations & Maintenance	Vehicle Conversions	0	0	0
Sustainability Planning	Action Plans	1	0	0
Sustainability Planning	Community Asset Mapping	2	1	1
Sustainability Planning	Community Visioning	1	1	1
Sustainability Planning	Indicators and Targets	1	0	0
Sustainability Planning	Vision Statement and Goals	1	1	0
Totals		220	95	18

Appendix 1L – Sussex County

Action Category	Action Name	Approved	Not Approved	In Progress
Animals in the Community	Wildlife Interaction Plan	0	0	0
Arts & Creative Culture	Creative Assets Inventory	0	0	0
Arts & Creative Culture	Creative Placemaking Plan	0	0	0
Arts & Creative Culture	Establish a Creative Team	0	0	0
Brownfields	Brownfields Inventory & Prioritization	0	0	0
Brownfields	Brownfields Reuse Planning	0	0	0
Climate Mitigation & Adaptation	Climate Action Plan	0	0	0
Climate Mitigation & Adaptation	Climate Adaptation: Flooding Risk	0	0	0
Climate Mitigation & Adaptation	Community Carbon Footprint	0	0	0
Climate Mitigation & Adaptation	Municipal Carbon Footprint	0	0	0
Climate Mitigation & Adaptation	Wind Ordinance	1	0	0
Community Partnership & Outreach	Community Education and Outreach	0	2	1
Community Partnership & Outreach	Create Green Team	3	0	2
Community Partnership & Outreach	Education for Sustainability Programs	0	1	0
Community Partnership & Outreach	Energy Education and Outreach	0	0	0
Community Partnership & Outreach	Green Challenges & Community Programs	0	1	0
Community Partnership & Outreach	Green Your Green Fair	1	1	0
Community Partnership & Outreach	Hold a Green Fair	2	0	1
Community Partnership & Outreach	School-based Energy Conservation Programs	0	0	0
Diversity & Equity	Diversity on Boards & Commissions	0	0	0
Diversity & Equity	Environmental Justice in Planning & Zoning	0	0	0
Diversity & Equity	Lead Education and Outreach Programs	0	0	0
Diversity & Equity	Lead-Safe Training Programs	0	0	0
Energy Efficiency	Achieving Target Increase in Local Business Participation	0	0	0
Energy Efficiency	Energy Audits for One Building	0	0	0
Energy Efficiency	Energy Tracking and Management	0	0	0
Energy Efficiency	High Performance Building	0	0	0
Energy Efficiency	High Performance Building Portfolio	0	0	0
Energy Efficiency	Inventory and Upgrade All Buildings	3	0	1
Energy Efficiency	Municipal Program	0	0	0
Energy Efficiency	Outreach	0	0	0
Energy Efficiency	Outreach Campaign to Local Business Community	0	0	0
Food	Buy Fresh Buy Local Programs	2	0	0
Food	Community or School Gardens	1	1	0
Food	Farmers Markets	1	1	0
Food	Farmland Preservation Plans	0	0	0
Food	Making Farmers Markets Accessible	0	1	0
Green Design	Construction Waste Recycling	0	0	0
Green Design	Create a Green Development Checklist	0	0	0
Green Design	Green Building Education	0	0	0
Green Design	Green Building Policy/Resolution	1	0	0
Green Design	Green Building Training	0	0	0
Green Design	New Construction	0	0	0
Green Design	Site Plan Green Design Standards	0	0	0
Green Design	Upgrade/Retrofit-Light Pollution	0	0	0
Green Design	Upgrade/Retrofit-Water Conservation	0	0	0
Health & Wellness	Anti-Idling Education & Enforcement Program	0	1	1
Health & Wellness	Building Healthier Communities	0	1	0
Health & Wellness	Safe Routes to School	0	0	0
Innovation & Demonstration Projects	Geothermal Energy	0	0	0
Innovation & Demonstration Projects	Green Roofs	0	0	0
Innovation & Demonstration Projects	Innovative Community Project 1 (Formerly Other)	0	3	0

Innovation & Demonstration Projects	Innovative Community Project 2 (Formerly Other 2)	0	2	0
Innovation & Demonstration Projects	Innovative Community Project 3	0	1	0
Innovation & Demonstration Projects	Raingardens	2	0	0
Innovation & Demonstration Projects	Solar	2	0	0
Innovation & Demonstration Projects	Wind	0	0	0
Land Use & Transportation	Bicycle and or Pedestrian Audit	0	0	0
Land Use & Transportation	Bicycle and or Pedestrian Plan	0	0	0
Land Use & Transportation	Complete Streets Program	0	0	0
Land Use & Transportation	Green Building and Environmental Sustainability Element	0	0	0
Land Use & Transportation	Smart Workplaces (Gold)	0	0	0
Land Use & Transportation	Smart Workplaces (Platinum)	0	0	0
Land Use & Transportation	Sustainable Land Use Pledge	0	0	0
Land Use & Transportation	Transit-Oriented Development Supportive Zoning	0	0	0
Local Economies	Buy Local Campaign	0	0	0
Local Economies	Green Business Recognition Program	0	0	0
Local Economies	Green Jobs/Economic Development	0	0	0
Local Economies	Support Local Businesses	0	0	0
Natural Resources	Clustering Ordinance	1	0	0
Natural Resources	Community Forestry Plan and Tree Cover Goal	0	0	0
Natural Resources	Easement Inspections and Evaluations	0	0	0
Natural Resources	Easement Inventory and Outreach	0	0	0
Natural Resources	Environmental Assessment Ordinance	1	0	0
Natural Resources	Environmental Commission	2	0	2
Natural Resources	Habitat Conservation Ordinance	0	0	0
Natural Resources	i-Tree Assessment of Municipal Trees	0	0	0
Natural Resources	Natural Resource Inventory	3	0	1
Natural Resources	Open Space Plans	2	1	2
Natural Resources	Tree Hazard Inventory	0	0	0
Natural Resources	Tree Maintenance Programs	0	0	1
Natural Resources	Tree Planting Programs	0	0	0
Natural Resources	Tree Protection Ordinance	1	0	0
Natural Resources	Water Conservation Education Program	0	0	0
Natural Resources	Water Conservation Ordinance	0	1	0
Operations & Maintenance	Adopt a Green Purchasing Policy by Ordinance	0	0	0
Operations & Maintenance	Adopt a Green Purchasing Policy by Resolution	0	0	0
Operations & Maintenance	Adopt Behavioral Policies	1	0	0
Operations & Maintenance	Create a Policy (Grounds & Maintenance)	0	0	0
Operations & Maintenance	Driver Training	0	0	0
Operations & Maintenance	Efficient Landscape Design	0	0	0
Operations & Maintenance	Energy-Efficient Appliances or Equipment	0	0	0
Operations & Maintenance	Fleet Inventory	1	0	1
Operations & Maintenance	Green Cleaning Products	0	0	0
Operations & Maintenance	Green Maintenance Equipment and Materials	0	0	0
Operations & Maintenance	Integrated Pest Management	0	0	0
Operations & Maintenance	Meet Target for Green Fleets	1	0	0
Operations & Maintenance	Minimize Water Consumption	0	0	0
Operations & Maintenance	Purchase Alternative Fuel Vehicles	0	0	0
Operations & Maintenance	Recycled Materials and Composting	0	0	0
Operations & Maintenance	Recycled Paper	0	1	0
Operations & Maintenance	Vehicle Conversions	0	0	0
Sustainability Planning	Action Plans	0	0	0
Sustainability Planning	Community Asset Mapping	0	0	0
Sustainability Planning	Community Visioning	0	0	0
Sustainability Planning	Indicators and Targets	0	0	0
Sustainability Planning	Vision Statement and Goals	0	0	0
Totals		32	19	14

Appendix 1M – Union County

Action Category	Action Name	Approved	Not Approved	In Progress
Animals in the Community	Wildlife Interaction Plan	0	1	0
Arts & Creative Culture	Creative Assets Inventory	1	2	1
Arts & Creative Culture	Creative Placemaking Plan	0	1	0
Arts & Creative Culture	Establish a Creative Team	1	2	0
Brownfields	Brownfields Inventory & Prioritization	1	4	0
Brownfields	Brownfields Reuse Planning	0	0	0
Climate Mitigation & Adaptation	Climate Action Plan	0	1	0
Climate Mitigation & Adaptation	Climate Adaptation: Flooding Risk	0	1	1
Climate Mitigation & Adaptation	Community Carbon Footprint	3	1	0
Climate Mitigation & Adaptation	Municipal Carbon Footprint	3	2	0
Climate Mitigation & Adaptation	Wind Ordinance	1	1	1
Community Partnership & Outreach	Community Education and Outreach	5	2	1
Community Partnership & Outreach	Create Green Team	9	2	1
Community Partnership & Outreach	Education for Sustainability Programs	4	1	0
Community Partnership & Outreach	Energy Education and Outreach	1	2	0
Community Partnership & Outreach	Green Challenges & Community Programs	1	5	0
Community Partnership & Outreach	Green Your Green Fair	0	3	0
Community Partnership & Outreach	Hold a Green Fair	2	4	1
Community Partnership & Outreach	School-based Energy Conservation Programs	0	3	0
Diversity & Equity	Diversity on Boards & Commissions	1	3	0
Diversity & Equity	Environmental Justice in Planning & Zoning	0	2	0
Diversity & Equity	Lead Education and Outreach Programs	2	0	0
Diversity & Equity	Lead-Safe Training Programs	1	0	0
Energy Efficiency	Achieving Target Increase in Local Business Participation	0	1	0
Energy Efficiency	Energy Audits for One Building	2	3	1
Energy Efficiency	Energy Tracking and Management	1	1	1
Energy Efficiency	High Performance Building	0	2	0
Energy Efficiency	High Performance Building Portfolio	0	0	0
Energy Efficiency	Inventory and Upgrade All Buildings	5	2	0
Energy Efficiency	Municipal Program	0	1	0
Energy Efficiency	Outreach	0	1	0
Energy Efficiency	Outreach Campaign to Local Business Community	1	0	0
Food	Buy Fresh Buy Local Programs	1	0	0
Food	Community or School Gardens	6	2	1
Food	Farmers Markets	5	3	0
Food	Farmland Preservation Plans	0	0	0
Food	Making Farmers Markets Accessible	2	2	0
Green Design	Construction Waste Recycling	0	1	0
Green Design	Create a Green Development Checklist	1	2	0
Green Design	Green Building Education	0	1	0
Green Design	Green Building Policy/Resolution	5	0	0
Green Design	Green Building Training	0	2	1
Green Design	New Construction	1	0	0
Green Design	Site Plan Green Design Standards	1	0	0
Green Design	Upgrade/Retrofit-Light Pollution	1	1	0
Green Design	Upgrade/Retrofit-Water Conservation	1	1	0
Health & Wellness	Anti-Idling Education & Enforcement Program	4	4	0
Health & Wellness	Building Healthier Communities	7	1	0
Health & Wellness	Safe Routes to School	2	4	1
Innovation & Demonstration Projects	Geothermal Energy	0	0	0
Innovation & Demonstration Projects	Green Roofs	0	2	0
Innovation & Demonstration Projects	Innovative Community Project 1 (Formerly Other)	5	0	0
Innovation & Demonstration Projects	Innovative Community Project 2 (Formerly Other 2)	3	3	0

Innovation & Demonstration Projects	Innovative Community Project 3	2	1	0
Innovation & Demonstration Projects	Raingardens	5	2	1
Innovation & Demonstration Projects	Solar	4	3	0
Innovation & Demonstration Projects	Wind	0	0	0
Land Use & Transportation	Bicycle and or Pedestrian Audit	0	0	0
Land Use & Transportation	Bicycle and or Pedestrian Plan	0	1	0
Land Use & Transportation	Complete Streets Program	2	2	1
Land Use & Transportation	Green Building and Environmental Sustainability Element	1	0	0
Land Use & Transportation	Smart Workplaces (Gold)	0	0	0
Land Use & Transportation	Smart Workplaces (Platinum)	0	0	0
Land Use & Transportation	Sustainable Land Use Pledge	5	0	0
Land Use & Transportation	Transit-Oriented Development Supportive Zoning	0	0	0
Local Economies	Buy Local Campaign	3	1	1
Local Economies	Green Business Recognition Program	3	3	1
Local Economies	Green Jobs/Economic Development	1	1	0
Local Economies	Support Local Businesses	2	3	0
Natural Resources	Clustering Ordinance	0	1	0
Natural Resources	Community Forestry Plan and Tree Cover Goal	5	2	1
Natural Resources	Easement Inspections and Evaluations	1	1	0
Natural Resources	Easement Inventory and Outreach	1	1	0
Natural Resources	Environmental Assessment Ordinance	0	1	0
Natural Resources	Environmental Commission	5	2	1
Natural Resources	Habitat Conservation Ordinance	0	2	0
Natural Resources	i-Tree Assessment of Municipal Trees	1	1	0
Natural Resources	Natural Resource Inventory	3	3	1
Natural Resources	Open Space Plans	3	1	0
Natural Resources	Tree Hazard Inventory	1	2	0
Natural Resources	Tree Maintenance Programs	3	2	0
Natural Resources	Tree Planting Programs	4	3	0
Natural Resources	Tree Protection Ordinance	6	1	0
Natural Resources	Water Conservation Education Program	3	0	1
Natural Resources	Water Conservation Ordinance	0	2	2
Operations & Maintenance	Adopt a Green Purchasing Policy by Ordinance	0	4	1
Operations & Maintenance	Adopt a Green Purchasing Policy by Resolution	2	2	0
Operations & Maintenance	Adopt Behavioral Policies	3	1	0
Operations & Maintenance	Create a Policy (Grounds & Maintenance)	0	0	0
Operations & Maintenance	Driver Training	0	1	1
Operations & Maintenance	Efficient Landscape Design	1	1	0
Operations & Maintenance	Energy-Efficient Appliances or Equipment	2	2	0
Operations & Maintenance	Fleet Inventory	2	3	1
Operations & Maintenance	Green Cleaning Products	0	3	0
Operations & Maintenance	Green Maintenance Equipment and Materials	0	0	0
Operations & Maintenance	Integrated Pest Management	1	1	0
Operations & Maintenance	Meet Target for Green Fleets	0	0	0
Operations & Maintenance	Minimize Water Consumption	0	2	0
Operations & Maintenance	Purchase Alternative Fuel Vehicles	0	1	1
Operations & Maintenance	Recycled Materials and Composting	1	2	1
Operations & Maintenance	Recycled Paper	1	1	1
Operations & Maintenance	Vehicle Conversions	0	1	0
Sustainability Planning	Action Plans	2	1	0
Sustainability Planning	Community Asset Mapping	2	1	0
Sustainability Planning	Community Visioning	1	1	1
Sustainability Planning	Indicators and Targets	1	2	0
Sustainability Planning	Vision Statement and Goals	2	1	1
Totals		178	162	31

Appendix 1N – Warren County

Action Category	Action Name	Approved	Not Approved	In Progress
Animals in the Community	Wildlife Interaction Plan	0	0	0
Arts & Creative Culture	Creative Assets Inventory	0	0	0
Arts & Creative Culture	Creative Placemaking Plan	0	0	0
Arts & Creative Culture	Establish a Creative Team	0	0	0
Brownfields	Brownfields Inventory & Prioritization	0	0	0
Brownfields	Brownfields Reuse Planning	0	0	0
Climate Mitigation & Adaptation	Climate Action Plan	0	0	0
Climate Mitigation & Adaptation	Climate Adaptation: Flooding Risk	0	0	0
Climate Mitigation & Adaptation	Community Carbon Footprint	0	0	0
Climate Mitigation & Adaptation	Municipal Carbon Footprint	0	0	0
Climate Mitigation & Adaptation	Wind Ordinance	1	0	0
Community Partnership & Outreach	Community Education and Outreach	1	0	0
Community Partnership & Outreach	Create Green Team	2	0	1
Community Partnership & Outreach	Education for Sustainability Programs	0	0	0
Community Partnership & Outreach	Energy Education and Outreach	0	0	0
Community Partnership & Outreach	Green Challenges & Community Programs	1	0	0
Community Partnership & Outreach	Green Your Green Fair	0	0	0
Community Partnership & Outreach	Hold a Green Fair	1	0	0
Community Partnership & Outreach	School-based Energy Conservation Programs	0	0	0
Diversity & Equity	Diversity on Boards & Commissions	0	0	0
Diversity & Equity	Environmental Justice in Planning & Zoning	0	0	1
Diversity & Equity	Lead Education and Outreach Programs	0	0	0
Diversity & Equity	Lead-Safe Training Programs	0	0	0
Energy Efficiency	Achieving Target Increase in Local Business Participation	0	0	0
Energy Efficiency	Energy Audits for One Building	0	0	1
Energy Efficiency	Energy Tracking and Management	0	0	0
Energy Efficiency	High Performance Building	0	0	0
Energy Efficiency	High Performance Building Portfolio	0	0	0
Energy Efficiency	Inventory and Upgrade All Buildings	2	0	0
Energy Efficiency	Municipal Program	0	0	0
Energy Efficiency	Outreach	0	0	0
Energy Efficiency	Outreach Campaign to Local Business Community	0	0	0
Food	Buy Fresh Buy Local Programs	1	0	0
Food	Community or School Gardens	0	0	0
Food	Farmers Markets	0	0	0
Food	Farmland Preservation Plans	1	0	0
Food	Making Farmers Markets Accessible	0	0	0
Green Design	Construction Waste Recycling	0	0	0
Green Design	Create a Green Development Checklist	0	0	0
Green Design	Green Building Education	0	0	0
Green Design	Green Building Policy/Resolution	1	0	0
Green Design	Green Building Training	0	0	0
Green Design	New Construction	0	0	0
Green Design	Site Plan Green Design Standards	0	0	0
Green Design	Upgrade/Retrofit-Light Pollution	0	0	0
Green Design	Upgrade/Retrofit-Water Conservation	0	0	0
Health & Wellness	Anti-Idling Education & Enforcement Program	1	0	0
Health & Wellness	Building Healthier Communities	0	0	0
Health & Wellness	Safe Routes to School	0	0	0
Innovation & Demonstration Projects	Geothermal Energy	0	0	0
Innovation & Demonstration Projects	Green Roofs	0	0	0
Innovation & Demonstration Projects	Innovative Community Project 1 (Formerly Other)	0	0	0
Innovation & Demonstration Projects	Innovative Community Project 2 (Formerly Other 2)	0	0	0

Innovation & Demonstration Projects	Innovative Community Project 3	0	0	0
Innovation & Demonstration Projects	Raingardens	0	0	0
Innovation & Demonstration Projects	Solar	0	0	0
Innovation & Demonstration Projects	Wind	0	0	0
Land Use & Transportation	Bicycle and or Pedestrian Audit	0	0	0
Land Use & Transportation	Bicycle and or Pedestrian Plan	0	0	0
Land Use & Transportation	Complete Streets Program	0	0	0
Land Use & Transportation	Green Building and Environmental Sustainability Element	0	0	0
Land Use & Transportation	Smart Workplaces (Gold)	0	0	0
Land Use & Transportation	Smart Workplaces (Platinum)	0	0	0
Land Use & Transportation	Sustainable Land Use Pledge	0	0	0
Land Use & Transportation	Transit-Oriented Development Supportive Zoning	0	0	0
Local Economies	Buy Local Campaign	0	0	0
Local Economies	Green Business Recognition Program	0	0	0
Local Economies	Green Jobs/Economic Development	0	0	0
Local Economies	Support Local Businesses	1	0	0
Natural Resources	Clustering Ordinance	0	0	0
Natural Resources	Community Forestry Plan and Tree Cover Goal	0	0	0
Natural Resources	Easement Inspections and Evaluations	0	0	0
Natural Resources	Easement Inventory and Outreach	0	0	0
Natural Resources	Environmental Assessment Ordinance	0	0	0
Natural Resources	Environmental Commission	2	0	0
Natural Resources	Habitat Conservation Ordinance	0	0	0
Natural Resources	i-Tree Assessment of Municipal Trees	0	0	0
Natural Resources	Natural Resource Inventory	2	0	0
Natural Resources	Open Space Plans	0	1	0
Natural Resources	Tree Hazard Inventory	0	0	0
Natural Resources	Tree Maintenance Programs	0	0	0
Natural Resources	Tree Planting Programs	0	0	0
Natural Resources	Tree Protection Ordinance	0	0	0
Natural Resources	Water Conservation Education Program	0	0	0
Natural Resources	Water Conservation Ordinance	0	0	0
Operations & Maintenance	Adopt a Green Purchasing Policy by Ordinance	0	0	0
Operations & Maintenance	Adopt a Green Purchasing Policy by Resolution	0	0	0
Operations & Maintenance	Adopt Behavioral Policies	1	0	0
Operations & Maintenance	Create a Policy (Grounds & Maintenance)	0	0	0
Operations & Maintenance	Driver Training	0	0	0
Operations & Maintenance	Efficient Landscape Design	0	0	0
Operations & Maintenance	Energy-Efficient Appliances or Equipment	0	0	0
Operations & Maintenance	Fleet Inventory	1	0	0
Operations & Maintenance	Green Cleaning Products	0	0	0
Operations & Maintenance	Green Maintenance Equipment and Materials	0	0	0
Operations & Maintenance	Integrated Pest Management	0	0	0
Operations & Maintenance	Meet Target for Green Fleets	0	0	0
Operations & Maintenance	Minimize Water Consumption	0	0	0
Operations & Maintenance	Purchase Alternative Fuel Vehicles	0	0	0
Operations & Maintenance	Recycled Materials and Composting	0	0	0
Operations & Maintenance	Recycled Paper	1	0	0
Operations & Maintenance	Vehicle Conversions	0	0	0
Sustainability Planning	Action Plans	0	0	0
Sustainability Planning	Community Asset Mapping	0	0	0
Sustainability Planning	Community Visioning	0	0	0
Sustainability Planning	Indicators and Targets	0	0	0
Sustainability Planning	Vision Statement and Goals	0	0	0
Totals		21	1	3

Appendix II – Sustainable Jersey Small Grant and Innovative Community

Focus Area	# of Small Grant Projects (1)(2)	# of Innovative Community Projects (Approved) (2)	# of Innovative Community Project (Not Approved) (2) (3)	Total
Focus Area 5	0	1		1
Focus Area 6	18	13		32
Focus Area 7	7	4		12
Focus Area 9	8	1	1	10
Focus Area 10	2	3	1	6
Focus Area 11	16	21	2	39
Focus Area 12	23	14	2	39
Focus Area 13	35	23	4	62
Focus Area 14	18	19	1	38
Focus Area 15	1	2		3
Community Education and Outreach (4)	59	8	4	71
TOTAL	187	109	16	312

(1) Since 2009 Sustainable Jersey has provided nearly \$1.7 million in small grants to communities in the TNJ region to address sustainability issues.

(2) Individual small grant and innovative community projects can address more than one strategy.

(3) Reasons for not being approved include overlap with other actions or project not yet completed

(4) The \$2,000 capacity building grants comprised the overwhelming majority of grants focus on Community Education and Outreach.



A certification program for New Jersey public schools that want to go green, conserve resources and take steps to create a brighter future,

ONE SCHOOL AT A TIME.

SUSTAINABLE JERSEY FOR SCHOOLS:

- Advances and supports sustainable practices in schools and prepares the next generation of children to address sustainability issues
- Identifies actions that schools can implement to become certified
- Provides guidance and tools to enable schools to make progress on each action
- Provides access to grants and identifies funding opportunities for schools to make progress toward the actions
- Encompasses the three equal, interrelated components of sustainability:

People – Contribute to a strong civil society that provides opportunity for all

Prosperity – Support local economies and use community resources

Planet – Practice responsible environmental management and conservation

School participation is strictly voluntary and never mandated. Certification actions are developed through an ongoing process of discussion and research that includes the participation of many New Jersey leaders and experts from school districts, state agencies, academia, government, the non-profit sector and the business community.

ACTIONS FOR SCHOOLS:

BRONZE

The bronze level of certification requires the establishment of a mandatory **green team**, implementation of **2 out of 11 PRIORITY ACTIONS*** and a total of 150 points. Actions must be completed in 6 of 17 categories.

SILVER

The silver level of certification requires the establishment of a mandatory **green team**, implementation of **3 out of 11 PRIORITY ACTIONS*** and a total of 350 points. Actions must be completed in 8 of 17 categories.

To become certified, schools must complete and document actions from this list.

PEOPLE

STUDENT & COMMUNITY OUTREACH	POINTS
Green Team**	10
Community Education & Outreach*	10
Green Fair	10
“Green” Your Green Fair or School Event	10
Green Challenges	10
Civic & Stewardship Volunteer Initiatives	10
Enrichment Programs through Partnership	10
DIVERSITY & EQUITY	
Breakfast After The Bell	20
Accessible Communications	10
Diversity on District Task Forces & Committees	10
FOOD & NUTRITION	
Promote Locally Grown Foods	10
Healthy Food Choices	10
School Gardens	10
STUDENT SAFETY	
Safe Routes to School District Policy	10
Pedestrian and Bicycle Safety & Promotion Initiatives	10
Safe Driving Awareness Programs for High School Students	10
School Travel Plan for Walking & Biking	10
STUDENT & STAFF WELLNESS	
School Wellness Council*	10
School Health Assessment	20
Policies to Promote Physical Activity	10
Programs to Promote Physical Activity	10
Staff Wellness Program	10
HEALTHY SCHOOL ENVIRONMENTS	
Indoor Air Quality Review*	15
Reporting Process for Indoor Air Quality Concerns	10
Asthma Friendly Schools	10
HVAC System Best Practices	10
Outdoor Air Quality Awareness	10
Anti-Idling Education & Enforcement	10
Classroom Cleanup Policy & Practices	10
Classroom Chemical Purchase, Storage & Disposal Policy	15
Integrated Pest Management-Education & Organic Lawn Care	10
Control Moisture/Mold	10
Access to Healthy Water in Schools	20

PROSPERITY

ENERGY EFFICIENCY	POINTS
Energy Audit*	(5-20)
Building Efficiency Measures*	(5-30)
Energy Tracking & Management	(5-20)
Sustainable Energy Transition Plan	(10-20)
LEADERSHIP & PLANNING	
Professional Development for Sustainability*	(5-20)
School Community Asset Mapping	10
Green Facilities Management Checklist	20
Green Enhancement of District Strategic Plans	10
Strategic Plan Implementation of Green Initiatives	10
District Sustainability Policy	10
School District Foundation	10
STUDENT LEARNING* (only one action in this category will be counted toward priority requirements)	
Education for Sustainability K-3*	(10-40)
Education for Sustainability Grades 4-12 Science*	10
Education for Sustainability Grades 4-12 Math*	10
Education for Sustainability Grades 4-12 ELA*	10
Education for Sustainability Grades 4-12 Social Studies*	10
Education for Sustainability Grades 4-12 Creativity/Arts*	10
Education for Sustainability Grades 4-12 Health*	10
Education for Sustainability Grades 4-12 Information Technology*	10
LEARNING STRUCTURES	
Curriculum Mapping	20
Student Participation in the Arts	10
All Arts Disciplines Offered	10
INNOVATION PROJECTS	
Innovative Project #1	10
Innovative Project #2	10

*Signifies a Priority action. Schools must complete at least two priority actions to achieve certification.

**Signifies a Mandatory action. In order to participate in the program a district or school must complete this step.

To learn more visit
www.SustainableJerseySchools.com

Please note: Program actions and points may be subject to change.
For the current official list of actions and points visit the website.

PLANET

CLIMATE MITIGATION & RENEWABLE ENERGY	POINTS
School Carbon Footprint*	10
On-site Renewable Generation System-Solar	(5-40)
On-site Renewable Generation System-Geothermal	10
Buy Renewable Electricity	10
Collaborate with Municipality on Government Energy Aggregation Program	10
SCHOOL GROUNDS	
Biodiversity Audit & Management Plan	10
Biodiversity Project	10
Green Infrastructure Assessment & Plan	10
Green Infrastructure Installation	10
Sustainable Landscape Design	10
GREEN DESIGN	
Green Building Policy*	10
Green Building Training	10
Green Building Survey	10
Bid New Construction & Major Renovations using Green Standard	10
Build New/Renovated Project that meets Green Standard	20
Certification of New/Existing Building that meets Green Standard	20
GREEN PURCHASING	
Green Purchasing Policy*	10
Recycled Paper Purchase	10
Energy Efficient Appliances or Equipment	10
GREEN CLEANING	
Green Cleaning Policy & Plan	10
Green Cleaning Supplies	10
Green Cleaning Equipment	10
Green Cleaning Training & Education Programs	10
WASTE MANAGEMENT & RECYCLING	
Waste Audit*	10
Materials Reuse	10
Recycling Non-mandated Materials	10
Document Recycling Rates	10
EPA Waste Wi\$e	5
Waste or Source Reduction Tracking	(5-10)
Food Waste Management	15