

SUSTAINABLE JERSEY: A “GREENPRINT” FOR BORDENTOWN CITY

GREEN TEAM KICK-OFF MEETING

July 28, 2009

Carslake Community Center

Bordentown City

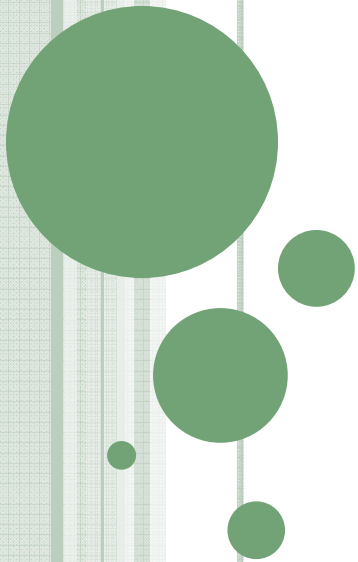
BORDENTOWN CITY IS PLANNING FOR THE FUTURE

- Master Plan is looking ahead 20 years
- Environmental Resource Inventory (2006)
- Bicycle/Pedestrian Circulation Plan (2006)
- Conservation Element (October 2007)
- Historic Preservation Commission (2009)
- Land Use Ordinance DRAFT (2009)
- **Sustainable Jersey (2009...)**



A SUSTAINABLE BORDENTOWN

How do we get there...?



WE HAVE “GOOD BONES”!

- Compact, walkable, mixed-use community
- Historic preservation of high-quality housing
- Alternative transportation (rail, bus, bike/ped)
- Local economy, w/ density to support vibrancy
- Local food production
- Preserved open space





Compact, mixed-use community



Excellent access
to mass transit

Local food production



10TH FARM PRESERVED
182 ACRES



Preserved open space - Blacks Creek Greenway



BP Green Products
800-255-2811

Green Acres
Nonprofit Acquisition Program



Your tax dollars helped to fund the preservation of this property through the New Jersey Department of Environmental Protection Green Acres Program. Public access is provided in designated areas.
Green Acres Program


WHAT IS SUSTAINABILITY?

- Sustainability addresses the interconnected realms of **Society, Environment, and Economy**...to promote lifestyles that are **Healthy, Just, and Efficient**.
- “**Sustainable development** is meeting the needs of the present generation without compromising the ability of future generations to meet their needs.”



WHAT IS SUSTAINABLE JERSEY?

www.sustainablejersey.com

- **SUSTAINABLE JERSEY** is a **certification** program for municipalities in New Jersey that want to go green, control costs and save money, and take steps to sustain their quality of life over the long term.
 - Sustainable Jersey encompasses issues such as global warming, pollution, biodiversity, land use air and water quality, equity, buying local, local living economies, and sustainable agriculture.
- 

WHO CREATED SUSTAINABLE JERSEY?

SUSTAINABLE JERSEY is an initiative of the following organizations:

- New Jersey State League of Municipalities'
- Mayors' Committee for a Green Future
- Municipal Land Use Center at the College of New Jersey
- New Jersey Sustainable State Institute at Rutgers University
- NJ Department of Environmental Protection's Office of Planning and Sustainable Communities
- Rutgers Center for Green Building
- New Jersey Board of Public Utilities
- A coalition of NJ non-profits, state agencies, and experts in the field.



A THREE PART PROGRAM

- Identify **actions that define** what communities must achieve;
- Provide **tools and guidance** to enable communities to make progress; and
- Link or create **incentives** for municipalities that are making progress toward the actions.



ACTIONS

- Actions are the concrete steps municipalities can take to become more green and sustainable.

Actions include:

- Ordinances
- Programs
- Policies and procedures
- Facilities



INCENTIVES

- Sustainable Jersey Grants Funded by Wal-Mart
 - Four \$25,000 grants, ten \$10,000 grants in 2009
- Priority in NJ-BPU Municipal Energy Audit Program
- Working with State on other incentives such as RGGI carbon credit auction proceeds
- The Sustainable Jersey Certification (being the best)



HOW DOES A MUNICIPALITY BECOME SUSTAINABLE JERSEY CERTIFIED?

- **Register with SUSTAINABLE JERSEY (DONE!)**
- **1. Pass a municipal resolution stating your intent to seek Sustainable Jersey Certification and designating an entity to be in charge of the process. (DONE!)**
- **2. Select a municipal point of contact person and have them register with pertinent contact info. (DONE!)**
- **3. Identify Actions that may be implemented and need for training. This does not commit the municipality to these Actions!**



HOW DOES A MUNICIPALITY BECOME SUSTAINABLE JERSEY CERTIFIED?

Explore the SUSTAINABLE JERSEY Actions

1. Review Tools and Resources
2. Complete at Least **100 Action Points**

Every community **must create a Green Team and select at least 2 of 4 remaining Priority Actions:**

- Energy Audits for Municipal Buildings
- Municipal Carbon Footprint
- Sustainable Land Use Pledge
- Water Conservation Ordinance



WHY ARE YOU HERE?

- Every community must create a Green Team
- The formation of a “Green Team” is the first step in establishing a community sustainability program.
- Green Teams leverage the skills and expertise of team members to develop plans, implement programs, and assist with educational opportunities that support the creation of a sustainable community.
- Such entities can go by any name, but the role is the same: lead and coordinate the sustainability activities of the community.



WHAT HAS BEEN DONE SO FAR?

The following Actions have been undertaken and submitted to the Sustainable Jersey program as of July 2009...



COMMUNITY PARTNERSHIP & OUTREACH

- **Create a Green Team (tonight!)**
- **Community Education and Outreach**
 - Project Porchlight - 2008 (10 points)
 - BCEC website - 2004 www.bcec.us (10 points)



LOCAL ECONOMIES

- **Local Food Production & Gardens**
Farmers' Market - 2009 (10 points)



NATURAL RESOURCES

- **Natural Resource Inventory**

Environmental Resource Inventory - 2006
(20 points)

- **Environmental Commission**

BCEC created - 2002 (10 points)



INNOVATIVE DEMONSTRATION PROJECTS

- **Other Innovative Demonstration Projects**
Native Plant Garden at Library - 2008 (10 points)



WHAT ACTIONS CAN WE DO?

- Potential Sustainable Jersey Actions for Bordentown City



COMMUNITY PARTNERSHIP & OUTREACH

- Green Challenges (10 points)
- Green Fairs (10 points)



DIVERSITY & EQUITY

- Diversity on Boards/Commissions (10 points)



ENERGY EFFICIENCY

- Energy Audit for Municipal facilities (*Priority Action*) (30 points)



GREEN HOUSE GAS

- Municipal Carbon Footprint (*Priority Action*) (10 Points)



HEALTH & WELLNESS

- Mayors Wellness Campaign Option 1 (10 points)
- Anti-Idling Education & Enforcement (10 points)



LAND USE & TRANSPORTATION

- Sustainable Land Use Pledge (10 points)



LOCAL ECONOMIES

- Local Food Productions & Gardens (10 points)
- Planning for Local Food Production (10 points)
- Buy Local Programs (10 points)



NATURAL RESOURCES

- Natural Resource Protection Ordinance 1 (10 points)
- Natural Resource Protection Ordinance 2 (10 points)
- Tree & Woodlands Management 2 (10 points)
- Tree & Woodlands Management 3 (10 points)



OPERATIONS & MAINTENANCE

- Green Purchasing Program Option 1 (10 points)
- Grounds & Maintenance Option 2 (10 points)
- Green Fleets Option 3 (10 points)



SUSTAINABILITY PLANNING

- Community Asset Mapping (10 points)
- Sustainable Community Plan Option 1 (10 points)



WASTE REDUCTION & RECYCLING

- Recycling Option 2 (10 points)
- Recycling Option 3 (10 points)



INNOVATIVE DEMONSTRATION PROJECTS

- Rain Gardens Demo project (10 points)



IF WE ARE COMMITTED, WHAT WILL 2020 LOOK LIKE?

- Bordentown City is a vibrant, mixed-use transit hub
- Solar panels on many homes and businesses
- Sewerage and water treatment plants running on solar/wind
- Methane captured at old Bordentown landfill and turned into electricity
- Light rail or rail-trail along old freight line paralleling Rt.130 corridor
- Community gardens throughout the City; organic farm/orchard at Divine Word
- Network of pedestrian/bicycle walkways and trails within the City and connecting to adjacent residential subdivisions and commercial areas
- Wireless network facilitating home-based tech businesses
- County/State workers bicycling to work (5 miles) along D&R Canal towpath
- Retrofitting the Suburbs: mixed-use infill at Bradlees and Acme in the Twp.
- 90%+ recycling rates (Goal: *Zero Waste*)

Our community will have a pervasive ethic of conservation, local production and sustainability for future generations

- "If you are thinking one year ahead, sow seed. If you are thinking 10 years ahead, plant a tree. If you are thinking 100 years ahead, educate the people." Chinese proverb
- "There are two types of environmentalists: those that understand that the city is part of the environment, and those that do not." Paul Soglin, Mayor, Madison, WI



NEXT STEPS?
NEXT MEETING?

