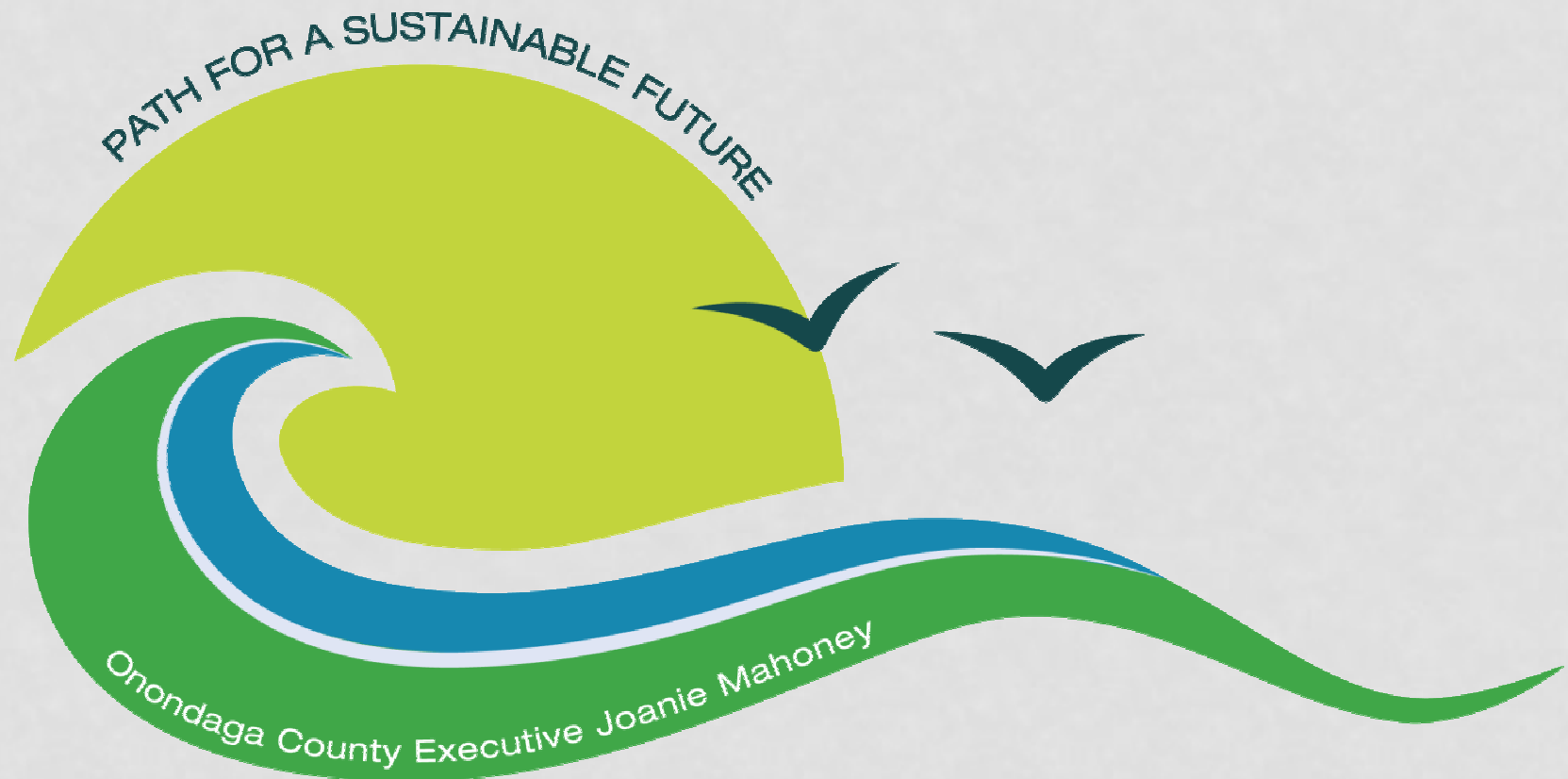


# ONONDAGA COUNTY'S PATH FOR A SUSTAINABLE FUTURE





## **PATH FOR A SUSTAINABLE FUTURE**

- **County Executive established an Environmental Sustainability Advisory Committee**
- **Passed Legislation to become a Climate Smart Community**
- **Hired a Director of Energy and Sustainability**
- **Launched “Save the Rain Program”**
- **Preparing a “Sustainable Development Plan”**
- **Began Developing a Climate Action Plan for County Operations**



## ENVIRONMENTAL SUSTAINABILITY ADVISORY COMMITTEE

- Comprised of representatives from all County Departments
- Headed by the Director of the Office of the Environment
- “...to incorporate the principles of sustainability into the County’s culture, policies and programs.”
- Guide development of a comprehensive Climate Action Plan for Onondaga County operations.



# ENERGY

- **Energy performance contract with Carrier Corporation to audit and implement energy-related improvements**
- **Energy conservation measures done at 25 of the County's largest energy using facilities**

**Annual savings:\$1.8 million**



# ENERGY

- **2009: Energy Management System upgrades at the Van Duyn Nursing Home and Hospital.**

**Annual Savings: \$50,000**

\*\*\*\*\*

- **2011: Will use the heat by-product of two natural gas-fired electric generators located in the County's District Heating and Cooling Plant to produce hot water for use in the adjacent Justice Center.**

**Annual Savings: \$44,000**



# ENERGY

## Energy Efficiency & Conservation Block Grant

<b>Description</b>	<b>Budget</b>
<b>Benchmarking and Energy Audits</b>	<b>\$105,000</b>
<b>Energy Efficiency Projects at County Facilities</b>	<b>\$1,385,000</b>
<b>Retro-commissioning</b>	<b>\$250,000</b>
<b>Renewable Energy Demonstration Projects</b>	<b>\$63,000</b>
<b>Total</b>	<b>\$1,803,000.</b>



# ENERGY

## Energy Efficient Lighting Projects

- Libraries
- County Parks
- OnCenter
- Sheriff's facilities

Annual Savings: \$100,000



# SAVE THE RAIN

Promotes the use of green infrastructure in the capture and treatment of stormwater.

**Also:**

- Lower construction costs
- Uses less energy
- Improves air quality
- Reduces heat island effect
- Improves urban habitat





# SAVE THE RAIN

**The Post-Standard**  
*syracuse.com*

**AT HEARING CHAIKEN**

THURSDAY, APRIL 21, 2011

ENVIRONMENTAL PROTECTION

# GREEN EFFORTS WIN RECOGNITION

FEDERAL GOVERNMENT SINGLES OUT SYRACUSE AND  
ONONDAGA COUNTY AS ENVIRONMENTAL LEADERS



# SUSTAINABLE DEVELOPMENT PLAN

## What is the Sustainable Development Plan?

*sus•tain•a•ble de•vel•op•ment – development that meets the needs of the present without compromising the ability of future generations to meet their own needs.*

- Economic Development & Revitalization
- Energy
- Farmland & Open Space Preservation
- Housing
- Infrastructure & Land Use
- Inter-Municipal Planning
- Livability
- Tax & Fiscal Policy
- Water Resources & Green Infrastructure



# CLIMATE ACTION PLAN

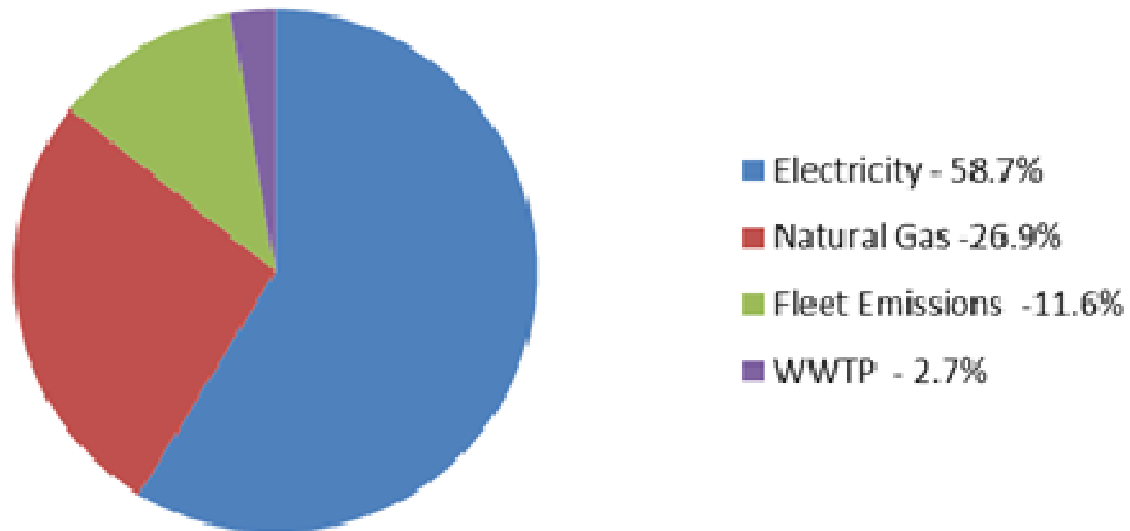
- **Member of ICLEI (Local Governments for Sustainability)**
- **Conducted inventory of greenhouse gas (GHG) emissions and sources**
- **Will determine a GHG reduction target**
- **Identified efforts already underway to reduce GHG emissions**
- **Developing recommendations to further reduce emissions to meet target reductions**



# CLIMATE ACTION PLAN

## Identified Emission Sources

**Figure 1**  
**Comparison of Emission Sources**





# CLIMATE ACTION PLAN

## Key areas of focus:

- Energy (conservation, efficiency, alternatives)
- Green Buildings (new construction/renovations)
- Fleet (reduce fuel use/alternative fuels)
- Purchasing



# ONONDAGA COUNTY

