

TOWNSHIP OF  
—MIDDLETOWN—  
BUCKS COUNTY

CLIMATE ACTION PLAN  
& IMPLEMENTATION UPDATE

Nick Valla, Assistant Township Manager

# What is a Climate Action Plan (CAP)?

- ▶ A CAP is a detailed, strategic framework for measuring, planning, and reducing greenhouse gas (GHG) emissions and related climate impacts.
- ▶ Contains goals for mitigation outcomes and strategies to achieve them.

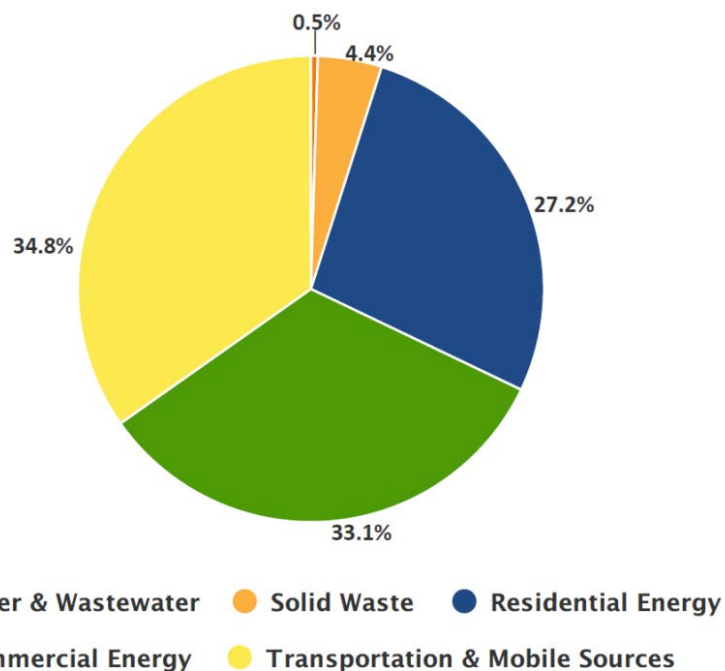







Figure 2: Middletown Township Community-Wide GHG Emissions by Sector, 2018

Symbol	Co-Benefit
	Supports jobs and economic prosperity
	Advances social equity
	Fosters resource security
	Improves public health and local environmental quality
	Reduces utility/operating costs

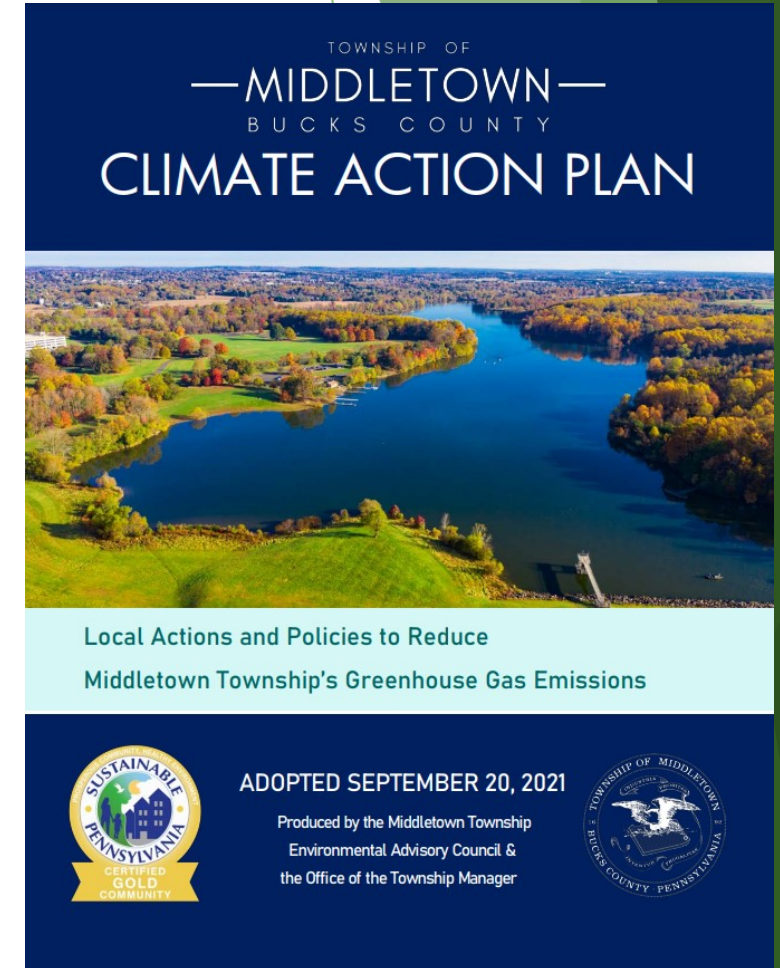
# Pre-CAP Sustainability Efforts

- ▶ LED Streetlight conversion (2017)
- ▶ EV Charging Stations at Municipal Center, Public Works (2019)
- ▶ Interior LED light conversion (2020)
- ▶ Update HVAC System, Water Heater, & Backup Generator (2021)
- ▶ LED Field Lighting at Twin Oaks Park (2021)



# CAP Adoption

- ▶ Adopted by Board of Supervisors September 20, 2021
- ▶ *The mission of the Middletown Township Local Climate Action Plan is to create an environmentally friendly future that improves the quality of life by promoting environmental sustainability to residents, businesses, and the community.*
- ▶ First CAP in Bucks County
- ▶ First CAP by a Township in Southeastern Pennsylvania
- ▶ ~10<sup>th</sup> CAP by a municipality in Pennsylvania



# Projects Implemented Since CAP Adoption

- ▶ Partnership with East Stroudsburg University & PA DEP
  - ▶ Weatherization Webinar (12/02/2021) - [www.middletownbucks.org/weatherization](http://www.middletownbucks.org/weatherization)
- ▶ Enacted Alternative Energy Ordinance (12/06/2021)
- ▶ Applied for Sustainable PA Platinum Certification (12/2021)
- ▶ Purchase of first two hybrid Police vehicles (02/02/2022)
- ▶ Transition to sustainable cleaning products (03/2022)

Webinar Combined Slides Middletown Township 12-2-2021.pdf - Adobe Acrobat Pro DC  
Window Help

## Home Energy Assessment

HOW is a Home Energy Assessment done?

The collage illustrates various methods used in a home energy assessment. It shows a person operating a blower door, a thermal image of a room, a hand using a blower door fan, a hand holding a handheld device, a thermal image with temperature readings (54.0, 64.6, 42.4, 74.1, 43.1), and a cross-section diagram of a house labeled 'COMMON AIR LEAKS' with various components like Roof, Attic, and Foundation.

Bahareh van Boekhoorn

# Projects In Progress

- ▶ New electric supply agreement with 100% renewable energy (04/03/2022)
- ▶ Authorized two-Level 2 EV Charging Stations for Styers Market (04/03/2022)
- ▶ Awarded \$215,000 from DEP Alternative Fuels Incentive Grant (AFIG) to construct four-Level 3 EV Charging Station at Twp. Building (04/2022)
  - ▶ Middletown Township will be the first municipality in Pennsylvania to build Level 3 stations with AFIG.
- ▶ Awarded \$132,713 from DEP Section 902 Recycling Grant for new recycling container distribution program (04/23/2022)

# Governor's Award for Excellence in Local Government

- ▶ Award for Innovative Planning & Sound Land Use Practices  
presented by DCED Center for Local Government Services (04/13/2022)

Pictured, left to right:

Richard Vilello, Deputy Secretary of  
Community Affairs and Development,  
Pennsylvania DCED

Mike Ksiazek, Chairperson, Middletown  
Township Board of Supervisors

Anna Payne, Vice Chairperson, Middletown  
Township Board of Supervisors

Stephanie Teoli Kuhls, Township Manager,  
Middletown Township

Nick Valla, Assistant Township Manager,  
Middletown Township

C. Kim Bracey, Executive Director of the  
Center for Local Government Services,  
Pennsylvania DCED.



# Projects on the Horizon

- ▶ Solar Panels at Municipal Center
- ▶ Adding recycling containers to Township parks
- ▶ Building EV infrastructure for Township fleet
- ▶ Acquiring first electric vehicle in Township fleet
- ▶ Fuel tank replacement
- ▶ Walkability/Multimodal Improvement Plan
- ▶ Green Business Guides



...and the list goes on!




# Impact on Development

- ▶ New Elementary School
  - ▶ Durable and maintainable flooring
  - ▶ Efficient HVAC system, plumbing systems
  - ▶ Constructed for future solarization and EV stations
- ▶ Neshaminy Athletic Fields
  - ▶ LED Lighting
- ▶ Stone Farm Settlement
  - ▶ Efficient fixtures & appliances
  - ▶ R49 Insulation
  - ▶ Wiring for EV chargers in garages



# Ongoing Efforts

- ▶ Commercial sustainability handouts
- ▶ Improved relations with TMA Bucks, SEPTA, & DVRPC
- ▶ Encouraging other communities to act
- ▶ Informational sessions for residents and businesses
- ▶ Community outreach & education



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**SUSTAINABLE SUGGESTIONS!**

- ✦ Rinse bottles before recycling
- ✦ Use a reusable materials
- ✦ Switch to LED lights
- ✦ Turn off unneeded lights
- ✦ Use locally-made products
- ✦ Donate instead of disposing

TO LEARN MORE, PLEASE VISIT  
[middletownbucks.org/SustainableSuggestions](http://middletownbucks.org/SustainableSuggestions)

**PLANT ME IN YOUR FAVORITE BOOK OR FLOWER BED!**  
TO GROW, COVER ME WITH 1/8" OF SOIL, PLACE IN A SUNNY SPOT, WATER OFTEN, AND WATCH WILDFLOWERS BLOOM!



# Thank You!

[www.middletownbucks.org/CAP](http://www.middletownbucks.org/CAP)

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