

Strategies for Stationary Energy emission reduction:

- Develop a Municipal Energy Management Plan (MEMP) that explores large-scale energy savings performance contracts, LED transitions for municipal lighting, creation of an energy efficiency revolving fund, creation of energy efficiency procurement policies, and development of local grid resiliency
- Development of subsidized energy audits at a sliding scale for residents and at real estate point of sale transactions
- Creation of a GHG Reduction Ordinance utilizing a multi-year phased strategy for large building owners to track and report energy use, as well as set energy reduction goals via the EPA's Energy Star Portfolio Manager program
- Advocate for state energy codes to be updated to the latest version of the International Energy Conservation Code (IECC - residential) and ASHRAE Standard 90.1 (commercial), and develop city legislation for all new construction and renovation of municipal buildings to meet the latest version of IECC or ASHRAE Standard 90.1, whichever best fits building use case
- Expand solar energy by gaining more insights into the funding mechanisms for procuring renewable energy including on-site self-generation solar, community solar, utility supply options, and community choice aggregation

- Development of a Green Leasing program that incentivizes achieving Gold Level of Recognition from the entity Green Lease Leaders, which includes completion of at least five credits and two of three prerequisites' criteria (as outlined in more detail in the CAP)

Strategies for Transportation emission reduction:

- Creation of a feasibility study for Electric Vehicle (EV) Infrastructure development that addresses the current and future EV landscape, appraisal of charging and power options, operations and business models, funding opportunities and considers electric vehicle school buses
- Bike and Walking infrastructure improvements will be focused on while completing the rehabilitation of East Main Street, finalizing the agreement with Akron for the Lake Rockwell Trail, completing the connection of the Portage Hike and Bike Trail, rehabilitating the Stow Street Pedestrian Bridge, adding bike lanes to Hudson Road leading into Kent, and by improving the safety of State Route 43 at the gateway coming into Kent.

Strategies for Waste emission reduction:

- A partnership between Kent State University and the City of Kent can be developed to assist with food waste diversion by piloting a community anaerobic composting process with residents that utilizes the Grind2Energy system currently employed on the Kent State Campus

- An updated Waste Hauling RFP can be developed that includes language requiring the hauler to use low-emission vehicles

Strategies for Agriculture, Forestry and Other Land Uses:

- Development of a carbon credit program via an Urban Tree Credit program that includes tree inventory updates, new tree plantings, and the development of a local carbon market

Strategies for Education and Outreach:

- Building energy literacy with the public and stakeholders via 16 different suggested activities
- A partnership with Kent State University to develop a structure for receiving sustainability related projects, integrating projects into the current curriculum, and delivering agreed services, as well as developing a partnership with Kent City Schools (KCS) to leverage existing Six-District Educational programs, the Expedition Academy program, along with Kent State to provide experiential learning opportunities around sustainability for KCS students
- Climate Action Plan (CAP) outreach can be done via the creation of a CAP webpage, holding a CAP kickoff event, creation of a City-Business Climate Alliance, and by creating educational videos about the CAP

Updated Greenhouse (GHG) Inventory:

- A GHG Inventory update will also be conducted with the assistance of a professional consultant