

Climate Action Planning Goals - Allentown Environmental Advisory Council (EAC) 2022

EAC Defined - 2022 SMART Goals		EAC Lead	Target Date	Notes: Next Steps & Requested Data	
#	EAC Focus Area	EAC Goals			
1	Drive Greater Transparency and Accountability on Environmental Matters	Advise on environmental sustainability metrics for a City dashboard in 2022. Research and make recommendations on potential dashboard metrics, such as air quality, lead mitigation/water quality, costs savings (energy & operational), GHG emission reductions and other environmental benefits, and workforce development program stats.	Tinku (Overall Lead) Holly (Tree Equity), Maria (Lead), Jon (Energy, GHG)	7/6/2022	Tinku will take lead, coordinating overall development efforts, collecting feedback from EAC members, and incorporating Vision 2030 goals. Holly to address tree equity, Maria on Lead level tracking, and Jon to focus on costs savings (energy & operational), GhG emission reductions and other environmental benefit components of digital dashboard. Each team member to develop specific targets for three (3) metrics that could be integrated with dashboard, for example: X% of costs savings by X (date), X% of GHG reductions by X (date), X% of renewable energy by X (date), etc... Team to define metrics, targets, and goals that we recommend the City work towards achieving. Review metrics/targets/goals defined within Bethlehem and Easton CAPs, evaluate for potential alignment. Jon lead development of energy-related metrics (cost savings, GHG emission reductions, sustainability targets), and identify potential dashboard template/s for the City's consideration; a digital dashboard that incorporates all metrics. Present draft template/s at July 6, 2022 meeting for City feedback.
		Support disclosures to CDP on GHG metrics for 2022	Tinku	7/27/2022	Tinku has sent a first draft for review by the City. Gabrielle Heiney is coordinating input from City, LCA and Health Department+E6
		Support disclosures to ACEEE on energy efficiency metrics	Tinku	???	
2	Actions to Address Environmental Justice in Allentown	Provide guidance to interns and input and advice to City on PNLV's pilot program in 2022 for a civilian climate corps in Allentown that will focus on clean and safe neighborhoods in marginalized communities	Leo (lead), Tinku, Jennifer		
		Research and make recommendations on improving access to open space in marginalized neighborhoods	???		
		Research and make recommendations on ways to address tree equity in Allentown	Holly, Leo		
3	Plan for a Sustainable and Resilient Allentown	Provide input to the City on a climate action plan including setting climate action goals, metrics and milestones, including identifying mitigation measures with targets (e.g. energy efficiency, renewable energy, integrated smart city technologies, emission reductions, and electric vehicle programs) and conducting resiliency assessment and planning in support of adaptation measures (e.g. green infrastructure, stream buffers, etc.)	Tinku (Lead) Jon (Energy)		To be part of digital dashboard being developed. CAP & sustainability dashboard need to be reflective of each other. Additional recommendations towards defining CAP targets, goals and overall approach will be developed when more data becomes available, following the Preliminary Energy Audit discussed below.
		Advise City on conducting preliminary energy audit and utility analysis of City owned facilities that can be completed in parallel with resiliency assessment & planning (referenced above)	Tinku (Lead) Jon (Energy)		Conduct a Preliminary Energy Audit (PEA) of City owned facilities and operations to develop a comprehensive inventory of the City's energy usages, costs, and emissions production. The PEA includes an analysis of City utility history data, which will be used to establish baselines (costs, usages, emissions) of City facilities and operations. Data will also be utilized to help evaluate potential of various new technologies, and clearly define how each may benefit the City, such as generating cost savings, enhancing efficiency, resiliency, emissions reductions, and achieving other sustainability and climate action objectives to schedule. To conduct the PEA, the following information is requested from the City: <ul style="list-style-type: none"> •☑️Listing of all City owned facilities with street addresses •☑️Total square footage area of each City facility •☑️For facilities over 10,000 square feet (SF): <ul style="list-style-type: none"> - Operational hours of each facility - Utility billing histories (2018-2022) for all utilities (Electricity, Natural Gas, Fuel Oil, Propane, Water, Sewer, Etc.) serving each facility. Electronic Excel data works, along with the complete copy (pdf or hard copy) of the most recent bill for each utility account •☑️Listing of City's capital projects it sees as critical or a priority to address in near future, such as HVAC upgrades, roof replacements, control system upgrades, central plant replacements, etc... •☑️Follow-up site inspections of select sites may be needed after the utility analysis is complete. At that time, copies of general floorplans (Fire evacuation plan) for each facility (over 10K SF), and access to more detailed drawings (Mechanical/Electrical/Plumbing (MEP), HVAC, controls) may be needed
		Support the City on stormwater management actions/ plans such as increasing pervious surfaces and rain gardens	TBD		Support to be provided as requested and lead to be determined at that time
		Research and advise City on comprehensive energy programs, analysis tools, and financial structures that can be utilized to diminish financial impact that implementing capital projects have on local taxpayers and	Tinku (Lead) Jon (Energy)		Can be included as part of preliminary audit/analysis.
4	Improve Community Health Outcomes	Provide input and advice on expanding the City's radon testing program	Leo (lead), Tinku, Jennifer		
		Provide input and advice on a drinking water lead testing program in 2022 for low income housing units	Maria (lead)		
		Assist the City in raising awareness of adverse health impacts of air toxins, pollutants, and litter	Leo (lead), Tinku, Jennifer, Maria		
5	Increase Environmental Stewardship	Research and make recommendations to the City on a sustainable business recognition program in	Jeremy		
		Support the City's Earth Day Program	Holly	Completed	
		Support the City in at least one community-based neighborhood cleanup each year			
		Advise the City litter awareness for Summer in the Parks Program	Dieter, Leo		
6	Create Productive and Connected Landscapes	Review and advise on DEP Letters	Jon Stanley	Ongoing	
		Provide guidance to intern to research and develop a report to the City on expanding the number of community gardens/urban agriculture plots and proper methods of implementation	Jennifer, Leo		

Next quarterly meeting with City:
 July 6 2022
 Bridgeworks Bulding
 635 S 10th St.
 Allentown, PA 18103