

### EAB Recommendations for Community Climate Action Plan

Community Integration			
Task ID	CCAP Recommendation	EAB Recommendations for Additional Activities or Projects	Staff Comments
CI1	Create Grassroots Partnerships to Engage Community	Web-based modules to raise awareness of climate action	
CI2	Expand Public Partnerships to More Explicitly Consider Climate Action	Designate a climate action champion on each advisory board.	
		Request that the League of Municipalities facilitate notifications related to climate and ecological protection and to request local (to places that will be affected by the policy) public hearings.	
		Possibly in cooperation with other municipalities, seek outside legal advice as needed to resolve questions of state and municipal authority. Pursue exploration of the meaning/opportunity of Carrboro not having a franchise agreement with Duke Energy.	
CI3	Create Green Neighborhood Program	Hold community organizer trainings	
CI5	Expand Capacity for Sustainability Initiatives	Create Climate Advisory Board	
		Add additional sustainability staff	
CI6	Facilitate Low Cost Financing for Energy Efficiency and Renewable Energy Projects	Use the recently-approved tax increase in OC to increase energy efficiency in low-income housing.	
CI7	Integrate Climate Action and Social/Equity Initiatives	Reach out to refugees, work with El Centro	Town staff has been in contact with representatives working with the refugee community and El Centro regarding the Green Neighborhood Initiative and will continue outreach as this initiative and others are implemented

Building Energy Efficiency Measures			
Task ID	CCAP Recommendation	EAB Recommendations for Additional Activities or Projects	Staff Comments
BE1	80% Challenge	Incentivize lower energy use in buildings by framing actions using economic reasoning.	
		Perform an inventory of municipally-owned buildings for energy efficiency improvements	Staff have drafted a Request for Qualifications to select an Architectural and Engineering Firm for consulting services for developing renovation plans for Town Hall and the Century Center. The consultant will provide energy analyses of the buildings and will provide recommended solutions and drawings to retrofit existing buildings to achieve energy sustainability goals.
		Dedicate a yearly budget amount to implement energy-efficiency projects.	
		Pursue solar projects on Town buildings, including solar leasing; dedicate enough funding for these projects	Staff have held discussions with a solar leasing company and are working to evaluate this proposal against other options.
		Create energy efficiency templates/toolkits for residents	
		Renewable portfolio standards - purchasing RECs	Analysis underway as to how purchasing RECs or increasing the Town's contribution to NC Green Power may benefit the Town.
		Create a set of guidelines for residents to lead a lifestyling involving owning less and sharing more	
		Promote the use of radiant heating and solar-heated water tanks in building design.	
		Citizen groups and regional governments should use whatever resources they could to agitate for modification of the "third party sale rules" that hinder many options for quick adoption of solar and removing existing impediments, such as thrid party sales prohibition, to implementing solar.	
		Pursue the reinstatement of state solar tax credits. Local inducements such as local tax credits, low-interest financing through town-issued bonds could also be pursued.	
Promote the use of USDA rural loans			

<b>Building Energy Efficiency Measures</b>			
<b>Task ID</b>	<b>CCAP Recommendation</b>	<b>EAB Recommendations for Additional Activities or Projects</b>	<b>Staff Comments</b>
BE2	Energy Audit/Performance Rating	Perform energy audits on Town buildings	This is an existing recommendation in the CCAP.
		For existing buildings, perform energy audits at the point of sale or lease.	This is an existing recommendation in the CCAP.
BE3	Demonstrate/Pursue Energy Performance Beyond Minimum Requirements for New Development	Create a rewards program to recognize green builders.	
		Negotiate with developers, e.g. density bonus	
BE4	Create Rental Property Task Force and Process	EAB Comment: The Town could immediately move forward with this recommendation.	The Town has partnered on previous funding requests to address this Recommendation. While this grant was not funded, the Town will continue to pursue grant opportunities.
		Engage with the Town attorney to see what the Town could legally require of landlords.	
BE5	Create Rental Property Registry/Certification	EAB Comment: The Town could immediately move forward with this recommendation.	
<b>Transportation Measures</b>			
<b>Task ID</b>	<b>CCAP Recommendation</b>	<b>EAB Recommendations for Additional Activities or Projects</b>	<b>Staff Comments</b>
TM1	80% Challenge	Strategic placement of EV charging stations combined with increased advertisement of locations	
		Require EV charging stations and infrastructure in new developments in the LUO	
		Incorporate solar panels to power EV charging stations	
		Use B100 biodiesel for half the year in Town vehicles (when the temperatures are above freezing)	
		Rental scooters and bikes	Staff is currently working to explore possibilities for a pilot bike share program.
		Incentivize EV cars with priority spaces at popular destinations.	
		Promote catching the school bus	
		Solarize fleet	
		Continue discussing Bolin Creek Greenway.	
TM2	Enhance Transit Service	Extending transit service - routes that run into RTP and Durham aren't being fully utilized.	

Transportation Measures			
Task ID	CCAP Recommendation	EAB Recommendations for Additional Activities or Projects	Staff Comments
TM4	Further Promote Walking, Biking, Transit	Apply for funding from the Triangle Transportation Demand Management (TDM) Program	Staff have partnered with the Center for Advanced Hindsight on a proposal for the TDM program.
		Work with Chapel Hill to pursue a redistribution of TDM funding	
		Have a staff member work more on TDM	
		Find a way to integrate more schools in the Safe Routes to Schools Grant through the Chapel Hill-Carrboro City Schools (CHCCS) - include non-infrastructure projects and middle- and high-schools.	
TM6	Improve Bicycle and Pedestrian Infrastructure	Apply for Platinum status through the League of American Cyclists' Bicycle Friendly Communities program	
		Pursue infrastructure-based projects to reduce greenhouse gas emissions and traffic (e.g. roundabouts)	
Renewable Energy Measures			
Task ID	CCAP Recommendation	EAB Recommendations for Additional Activities or Projects	Staff Comments
RE1	Pursue Community Solar Projects	Work with a non-profit to become a community champion	
		Form a utility	
		Solar project on Eubanks Rd landfill	
		Create a microgrid under Duke Power	
		Pursue creative financing arrangements (solar leasing, third-party solar, PACE, on-bill financing)	
		Pursue solar projects in areas beyond solely Town buildings.	
RE2	Pursue Downtown Geothermal Heating and Cooling	Use Orange County as an example	
		Pursue geothermal for 203 Project	Staff will ask architects to evaluate in conjunction with updated project designs.

Ecosystem Protection & Enhancement			
Task ID	CCAP Recommendation	EAB Recommendations for Additional Activities or Projects	Staff Comments
ES1	Pursue Stormwater Utility	Implement changes in ordinances related to stormwater management to require developers to absorb the cost of increased stormwater requirements	
ES2	Evaluate Extent to Which the Deer Population and Climate Change affect Native Plant Ecosystems	Partner with a local university for research on impacts of deer population to forest health/invasive species. To start, reach out unversities/botanical gardens to see if anyone is currently researching question.	
		Create an ordinance against feeding deer	Feeding deer is prohibited by the Town Code.
ES3	Accelerate/Expand Organic Waste Collection/Composting	Set up an educational demonstration on Town property to hold monthly events	Staff are currently discussing this possibility.
		Explore composting at multifamily residences (e.g. contracting with Brooks)	Staff are currently discussing this possibility.
		Set up model composting sites/yard waste management sites	
ES4	Tree Preservation, Protection, and Conservation	The Town should set specific standards for arborists in analyzing impacts to trees and determining tree health.	
		Create a public-private partnership for planting canopy trees on the edges of properties.	
		Analyze carbon capture on development sites.	
		Add additional environmental review requirements for developers to the Town's LUO, including tools such as the NHP Data Explorer and the Green Growth Toolbox	
		Ensure environmental reviews are considered early on in the development process	
		Perform outreach to environmental policy experts to see what Carrboro can do with broad land-use planning and Zoning, such as creating a Conservation overlay	
		Require EAB to use tools such as the NHP data explorer, national wetland inventory, DEQ environmental justice tool, and green growth toolbox before making recommendations.	
Identify the amount of carbon capture that Carrboro is responsible for (per capita) and how to conserve such forests (OWASA, rural buffer, Bolin forest)			

<b>Ecosystem Protection &amp; Enhancement</b>			
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ES4	Tree Preservation, Protection, and Conservation	Expand right-of-ways to include tree protection	
		Work with Orange County to exchange land in the Rural Buffer to protect properties with high ecological value, such as properties along Eubanks Road.	
	Create New Biodiversity Recommendations	Develop a biodiversity protection plan to go along with CCAP, using local resources such as the Natural Heritage program and retired professors	
		Create thresholds for biodiversity and carbon capture in developments	
ES5	Improve Regulations and Community Capacity to Discourage Invasive Plants and Encourage Native Plants	Provide education and resources about invasives and native plants by adding features on native plants to the Town website or creating informational brochures.	
		Educate Town staff about treating invasive species on Town properties	
		Initiate a Climate Friendly Habitat Program and promote New Hope Audubon Society's Bird Friendly Habitats Certification Program	
		Create awareness campaign to encourage residents to leave leaves on the ground in their yard.	
		Observe Earth Day with large event.	
<b>Food Choice Recommendations</b>			
<b>Task ID</b>	<b>CCAP Recommendation</b>	<b>EAB Recommendations for Additional Activities or Projects</b>	<b>Staff Comments</b>
DM1	50% Challenge	Use behavioral information about motivations for food choices to encourage residents to choose plant-based options, e.g. menu placement	
		Work with local restaurants to promote plant-based meals and promote ideas such as Meatless Mondays.	
DM2	Develop Local Dietary Consumption and Associated GHG Profile	Purchase local sales data and grocery store loyalty data	Staff are exploring costs and available data.

### EAB Recommendations for Items not Listed in Community Climate Action Plan

	CCAP Recommendation	EAB Recommendations for Additional Activities or Projects	Staff Comments
	<b>New Section</b>	<b>EAB Recommendations</b>	
	Environmental Justice	Add section regarding environmental justice and climate equity to CCAP	
		Community-based participatory research and participatory democracy concepts should be considered when deciding how best to work with community members to achieve goals	
		Utilize mapping tools and other resources.	
		In conjunction with the policies and procedures analyzed using racial equity toolkits through the GARE initiative, utilize racial equity impact assessments	
		Implement proactive procedures for outreach to ensure climate justice	
		Hold meetings in neighborhoods outside of Town Hall	Staff are currently working to plan Green Neighborhood Initiative Outreach Events in locations throughout the Town.
	Carbon Offsets	The Town should have a metric to determine how analyze what to prioritize in terms of buying carbon offsets - it is important to know more specifics about the projects and their efficiency.	
	Research	Protect climate action research	

### EAB Recommendations for Energy and Climate Protection Plan

	ECPP Section	EAB Recommendations for Additional Activities or Projects	Staff Comments
Municipal Operations	LED Outdoor Lighting	The Town should inform residents of the possibility of removing streetlights from their neighborhood. This should include an educational component about actual relation of streetlights and safety.	
	Building Assesments and Ratings	Complete energy assessments in Century Center and Town Hall as well as all Town buildings.	
		Investigate the possibility of using non-profits such as Waste Reduction Partners to perform energy audits for free	
		Create implementation plans for energy-efficiency upgrades to Town buildings	
		Execute implementation plans for energy-efficiency upgrades to Town buildings	
		Look at the buildings as a system to ensure all upgrades are performed comprehensively.	

### EAB Recommendations for Energy and Climate Protection Plan

	ECPP Section	EAB Recommendations for Additional Activities or Projects	Staff Comments
Municipal Operations	Facility Energy Efficiency	Solarize all municipal buildings.	
	Fleet Replacement & Efficiency	Convert all municipal cars to electric vehicles and power vehicles using solar panels on buildings.	
		Convert trucks and larger vehicles when appropriate models are available.	
		Investigate bulk purchasing of electric vehicles.	
		All EV charging stations should be solar-powered.	
		Consider using biogas to fuel vehicles that are not electric (Public Works).	
		Self-imposed internal cap and dividend for Town Departments to incentivize purchasing electric vehicles.	
Municipal Support of Community Sector	Transportation	Ask the Town Council to generate a letter to the State regarding placement of DC Fast Charge EV Charging Stations along travel corridors.	
		Work with Chapel Hill Transit to increase bus service overall, especially on Sundays.	
		Revive trolley service.	
		Leverage Transportation Demand Management Funding.	
	Buildings	Create a program that helps landlords and homeowners perform energy-efficiency upgrades. Host workshops to provide information.	
		Create a Green Home Program using the structure and funding example provided by Babylon, NY.	
	Renewable Portfolio	Solarize the bus fleet.	
	Other	Make it easier for employees to live in Town.	
		Look at trends over time for locations of employee residences.	
		Hold focus groups and perform qualitative interviews with Town employees to understand barriers to living in Town.	
		Provide stipend or livable salary for employees to live in Carrboro to reduce commutes among other things.	
		Town negotiate lower pricing for municipal purchases or leases for transportation options (such as electric vehicles or electric assist bicycles) for employees.	
		Expand sustainable living opportunities for employees	
Develop a stormwater chapter in the Climate Change: Vulnerability and Adaptation section of the ECPP.			