



**Transportation Planning and Development
Council Committee Meeting Summary**

**Monday, March 3, 2025
CH-14 at 10:00 am**

COMMITTEE AGENDA TOPICS

- Agenda Overview
- I. Community Area Planning (CAP) Update
 - II. Strategic Energy Action Plan (SEAP) Update

COMMITTEE INFORMATION

Committee Members Present: Ed Driggs (Chair), Malcolm Graham, Victoria Watlington and Marjorie Molina. Renee' Johnson was absent. Additional Council members, MPT Anderson.

Staff Resources:

Liz Babson, City Manager's Office
Monica Holmes, Planning Design and Development
Kathy Cornett, Planning Design and Development
Catherine Mahoney, Planning Design and Development
Sarah Hazel, Office of Sustainability and Resilience
Robyn Byers, Office of Sustainability and Resilience
Heather Bolick, Office of Sustainability and Resilience

DISCUSSION HIGHLIGHTS

Community Area Planning (CAP) Update

Monica Holmes, Interim Director Planning Design and Development, introduced the agenda item with an overview of the days presentation given by Kathy Cornett and Catherine Mahoney of Planning Design and Development. The presentation will explain how council and the community use the Community Area Plans. This topic has been before this Committee in December 2024 and January 2025 with plans to come back to Committee in April and May, as well as Action Review and Public Comment, then before full Council for a decision in May.

Kathy Cornett gave details about what Community Area Plans are and how they create complete communities as well as how the plans guide decisions.

These plans are about creating complete communities, a place that integrates all the essential elements needed to go about your daily needs to live, work and play within the environment in which you live.

Currently the plan is in phase 4 and 5, developing implementation strategy to address community priorities and request for adoption of the Community Area Plans by City Council. Draft Plans will be released at the end of March.

All plans were developed in the same way, and all contain the same components and format. Each of those components is unique to that particular geography and they apply to the Comprehensive Plan goals at the community level, each area has a community profile that outlines who lives works and plays in the area, and what growth is expected in each area by 2040.

Each of these community plans establish a common set of considerations for all stake holders (Council, Community & Developers). Each plan has community needs and goals that are unique to that particular area and the needs and goals are drawn from the equitable growth framework, the goals of the Comprehensive Plan and the extensive community engagement done throughout the process

Catherine Mahoney explained how the plans will play out in implementation through the rezoning process.

Is the petition consistent or inconsistent with the Policy Map?

CONSISTENT	INCONSISTENT
Is the requested intensity compatible with the recommended Place Type?	Does the request address the community needs goals?
	Is the request compatible with the recommended Place Types?
	Does the request incorporate supporting improvements for mobility, open space and placemaking?

Kathy Cornett continued; there are a variety of different types of plans that all fall underneath the Comprehensive Plan. There will always be unforeseen circumstances and having a plan helps react to those in a better way and it helps adjust when those unforeseen things happen.

What can you expect from the Plans:

- Plans provide consistent and clear considerations aligned with the City’s vision and goals
- Identify the geography’s greatest needs and goals
- Recommend Place Types (i.e. development patterns) to address the geography’s needs and goals
- Identify public investments that support future growth

The Planning department will be releasing the documents later this month and returning to Committee in April for part two of this presentation.

Strategic Energy Action Plan (SEAP) Update

Sarah Hazel, Chief Sustainability Officer, Office of Sustainability and Resilience introduced part two of this three-part presentation on the Strategic Energy Action Plan. Today will be spent talking about the range of actions and strategies and highlight key focus areas that align back to our greenhouse gas emissions inventory discussed at last month’s committee meeting and talk a

about the connection between the full range of benefits both environmental, social and equity benefits. Our goal is a proposed SEAP+ published by the end of March and adoption by the end of April.

Dr. Robyn Byers went over the goals in the SEAP+. These goals are Community-Wide and apply to the city as a whole, or Municipal and apply to only local government operations. Along with these goals a Renewable Energy Generation goal has been added.

Community Wide Goals –

- Charlotte will reduce community-wide greenhouse gas emissions 72% by 2035 and reach net-zero by 2050. (to 3/56 mt CO2e per capita)
- 600 MW of distributed renewable energy generation will be installed in Charlotte by 2035.

Municipal Goals -

- The city will source 100% of its electricity use in municipal buildings from zero carbon sources by 2030 and reach net zero emissions in municipal buildings by 2050.
- The city will reach net zero emissions in its light-duty fleet by 2035 and in its entire fleet by 2050.

5 Stages of Zero Carbon Energy

- Shifting Energy Demand
- Reducing Energy Consumption
- Changing the Energy Consumed (sources)
- Generating Energy On-Site
- Purchasing the Remainder

Focus Areas

- Buildings – focusing on what can be done to build and power residential and commercial buildings
- Energy Generation – focus on where energy comes from
- Transportation – supporting the SMP's mode share goal and access to sustainable modes of transportation

NEW: All three focus areas will have workforce development embedded.

NEW focus area: **Cross-Cutting** – with a focus on strategies that are essential to achieving our goals, and do not fall directly within the other focus area, such as tree canopy, waste diversion and reduction and climate resiliency.

Heather Bolick discussed the Strategies and Actions in each of the focus areas, buildings, energy generation, transportation and cross cutting

Building Draft Strategies and Actions:

Strategy 1: Source 100% of electricity use in municipal buildings from zero carbon sources by 2030 and reach net zero emissions by 2050

Strategy 2: Transition Residential Buildings to Zero Carbon by 2050.

Strategy 3: Transition Non-Residential (Commercial & Industrial) Buildings to be Zero Carbon by 2050.

Energy Generation Draft Strategies and Actions:

Strategy 4: Reach Net-Zero Emissions from Electricity Generation by 2050.

Strategy 5: Strive toward 600 MW of Distributed Renewable Energy Generation in Charlotte.

Strategy 6: Develop a suite of educational tools.

Transportation Draft Strategies and Actions:

Strategy 7: Reach net zero emissions in municipal light-duty fleet by 2035 and in the entire fleet by 2050.

Strategy 8: Support reaching a 50-50 mode share by 2040, per the strategic Mobility Plan (SMP).

Strategy 9: Facilitate rapid uptake of zero-carbon mobility options.

Cross-Cutting Draft Strategies and Actions:

Strategy 10: Continue to Develop a Smart Data Approach.

Strategy 11: Promote Waste Reduction and Diversion throughout Charlotte.

Strategy 12: Establish Public -Private-Plus Partnerships.

Strategy 13: Coordinate and Support Tree Canopy Action Plan.

Strategy 14: Promote climate resilience throughout Charlotte.

Strategy 15: Support efforts to optimize Water Usage.

Additional Considerations

Financial considerations for achieving the SEAP+ Municipal Goals

Municipal

- The costs and savings associated with achieving Charlotte's municipal targets is through the city's direct investments, over time in its facilities and fleet aligned with the Sustainable Facilities Policy and Sustainable and Resilient Fleet Policy
- Many investments have higher upfront costs that will likely save money over time, the total cost of ownership over the lifetime of our assets, for example.
 - buildings designed with LEED and ENERGY STAR certification.
 - substantive focus on building performance benchmarking, reporting and goal tracking.
 - Lower total cost of ownership possible for electric vehicles
- Where policy elements have absolute costs, these are often balanced with additional co-benefits
 - GSA program for 100% renewable electricity usage demonstrates near-term leadership opportunity.

Community Considerations

- The City of Charlotte will leverage City initiatives, programs, priorities, and indirect support to achieve its community-wide goals.
- The city can use its influence, programs and outreach to process its goals while realizing savings for residents
 - Outreach and collaboration opportunities to help residents save on energy, reducing emissions, like Duke Energy for the High Energy Use Pilot Program.
 - Promote workforce programs, like RENEW, that bring economic development to bear on achieving long-term goals.

Fiscal Impact of Energy Savings Measures, examples of two city buildings that Council has invested in;

- Fire House 30 and Fire House 46 have high efficiency heat pumps for space conditioning, dedicated outdoor air system with heat recovery, increased levels of insulation, occupancy sensors, and more efficient window glazing.
- Additional energy efficiency measures included at these facilities will have paid for themselves in 10 years.

Next Steps:

- Final Public Meeting March 6th
- End of April adoption date

Meeting adjourned at 11:07 a.m.