



Department Source: Sustainability

To: City Council

From: City Manager & Staff

Council Meeting Date: October 7, 2019

Re: Climate Action & Adaptation Plan update on priority initiatives

Executive Summary

Staff has prepared for Columbia City Council a report providing a brief overview of current initiatives underway for implementing the Climate Action & Adaptation Plan (CAAP). This report highlights the priority actions in each of the six sectors of the CAAP, including progress on the implementation strategies. The CAAP is organized into sixteen goals, forty-six strategies and one hundred sixty-one actions. This report introduces the 10 goals, 15 strategies and 20 actions that staff is currently focused on and would like to bring to City Council and the community's attention.

Discussion

In June 2019, Columbia City Council adopted the Climate Action & Adaptation Plan (CAAP) that serves as a roadmap for Columbia to reduce its carbon footprint and prepare for a changing climate. The plan has 161 actions and this report highlights the priority actions in each of the six sectors of the CAAP, including progress on the implementation strategies. Below are priority actions with current efforts and next steps. The goals, strategies and actions are attached for reference. It is the intent of the City Manager to form action teams around these priority areas.

ENERGY

Current Efforts: Emission reduction goals were included in the scope of services for the Integrated Electric Resource and Master Planning consultant. The consultant and working group should examine options for meeting 100% by 2035 goal, develop H/M/L cost scenarios including rate impact, externalized cost of carbon emissions. The working group should evaluate an ordinance to include review of current and a range of future market conditions, equity considerations, definition of "renewable", use of Renewable Energy Credits.

HOUSING, BUILDING AND DEVELOPMENT

Current Efforts: There are three current efforts in development for this sector of the CAAP. These include rental energy efficiency, home energy scoring, and municipal facility efficiency improvements. For public-facing programs, staff are currently working with stakeholder groups to establish baseline data, researching examples of existing programs in peer cities and creating case studies. The intent for all efforts is to establish a stakeholder process that guides staff decision-making for policy guidelines and implementation. For municipally-owned facilities, staff are creating a municipal utility data management and analysis platform to evaluate opportunities for improvement and awareness in city-owned facilities. It is the intent of the City Manager that the City should lead by example.



TRANSPORTATION

Current Efforts: Upcoming efforts for reducing emissions from vehicles include developing a strategic planning group for municipal fleet transformation and having a proactive approach to increasing the viability of electric vehicle use among Columbia residents and businesses.

WASTE

Current Efforts: The City of Columbia and the Mid-Missouri Solid Waste District are currently working with Columbia Public Schools to increase the amount of recycling and compost diverted from their waste system. The expansion of the composting opportunities for all commercial properties in Columbia are being discussed to evaluate the impact on emissions, rates, etc. A current proposed ordinance would allow for the private hauling of commercial organic waste materials by certified haulers. The data collected from these programs will help with measuring impact.

HEALTH, SAFETY AND WELL-BEING

Current Efforts: Staff have worked with members of the Live Well, Boone County community members implementing the recently adopted Community Health Improvement Plan (CHIP). CAAP and CHIP aligned priorities are included in the Safe, Healthy, and Affordable Housing working group and will work to develop policies and educational opportunities that seek to make healthy housing available to all. Additional priority actions in the CAAP Health sector include researching options for reducing emissions and improving ground level air quality by reducing vehicle idling.

Natural Resources

Current Efforts: Staff are currently transitioning select right-of-ways around Columbia from mowed turf grass to native vegetation. This reduces stormwater runoff and maintenance costs to the City of Columbia while increasing native pollinator habitats and improving biodiversity to make Columbia more resilient to our changing climate. Utility Services are also evaluating water conservation programs and projects that will encourage the water conservation and the emissions and costs associated with water and wastewater treatment.

IMPLEMENTATION

Current Efforts: Three actions are currently under development. First, legislation creating the Climate & Environment Commission is currently in front of City Council. If adopted, the Climate & Environment Commission members will be appointed in November. Second, current internal collaboration on CAAP implementation include division managers tasked with implementing aspects of the CAAP meeting quarterly. It is the intent of the City Manager to have Department Heads appoint employees to working groups for each of the topic areas listed in this report. Finally, the first version of the Climate Action & Adaptation Plan is currently available on the website: comoclimateaction.org/action-plan. The dashboard both tells the story of local climate action, current metrics being tracked, personal actions community members can do, and has a checklist of current efforts.



Fiscal Impact

Short-Term Impact: Unknown

Long-Term Impact: Unknown

Strategic & Comprehensive Plan Impact

[Strategic Plan Impacts:](#)

Primary Impact: Social Equity, Secondary Impact: Operational Excellence, Tertiary Impact: Tertiary

[Comprehensive Plan Impacts:](#)

Primary Impact: Livable & Sustainable Communities, Secondary Impact: Inter-Governmental Cooperation, Tertiary Impact: Tertiary

Legislative History

Date	Action
06/17/2019	PR 89-19 - Adoption of the Climate Action & Adaptation Plan

Suggested Council Action

This report is informational only. If a change in direction is desired by City Council, please provide feedback to Staff.