

4. Energy and Climate (addendum – 07/28/16)

4.01 ~~Greenhouse Gas~~ Reduce Energy-Related Emissions

The city and county will identify and implement innovative as well as cost-effective actions to dramatically reduce the community's contribution to total global greenhouse gas emissions and power a vibrant future. The city's goal is to reduce its energy-related emissions 80 percent or more below 2005 levels by 2050, and the Climate Commitment Strategy identifies interim goals before 2050.

4.02 ~~New Policy:~~ Climate Adaptation Planning

The city and county will cooperatively develop and implement a climate change adaptation plan to identify current vulnerabilities and determine strategies to protect the community against the potential negative impacts associated with climate change. These challenges include droughts, flash flooding, communicable diseases, heat waves, fire mitigation and fire protection and increased road maintenance, among others. The city and county seek to improve the community's ability to effectively and quickly respond to and recover from adversity and disruptions.

4.03 Energy Conservation and Renewable Energy

The city and county will implement innovative programs and opportunities for individuals, businesses and organizations to reduce energy consumption and develop local energy generation. The city will support private decisions to use renewable energy, develop local renewable energy resources and preserve options for developing renewable energy in the future. The city will review and consider revisions to regulations to support on-site energy generation, including solar and wind. Boulder's transition to clean energy through innovative strategies, products and services are aimed to dramatically reduce greenhouse gas emissions, enhance community resilience, enhance local environmental health and diversity, and support a vital and equitable economy.

The city and county will pursue an energy path that not only reduces carbon emissions, but also promotes innovation, competition and economic vitality, and will set goals to ensure that the community has access to reliable, competitively priced and increasingly clean energy.

Resources: *Waste and Recycling*

4.06 ~~New Policy:~~ Construction Waste Minimization

The city and county will encourage renovation of existing buildings over demolition and will develop policies and programs that promote the reuse of materials salvaged after deconstruction.

4.07 Waste Minimization and Recyclingⁱ

The city and county will pursue and support programs and activities that reduce the

amount of waste that must be landfilled and pursue Zero Waste as a long term goal. Policies, programs and regulations will emphasize waste prevention, reuse, composting, recycling and the use of materials with recycled content.

The city's Zero Waste Strategic Plan (Nov. 2015) encourages the prevention of waste and the recycling/composting of materials to ensure the efficient use of resources and reduce pollution; recognizes that the city does not have control of waste hauling; and relies on a strong network of nonprofit, for-profit, governmental and community partnerships to invest resources toward zero waste systems. Reflect the goal of 85% waste diversion in each sector by 2025 (residential single-family, residential multi-family, and commercial)

ⁱ Zero Waste Strategic Plan