

The **Routt County Climate Action Plan**, adopted in 2021, is a menu of strategies Routt County can take to reduce greenhouse gas (GHG) emissions across Energy, Transportation, Waste, Land Use and Economy sectors.

If all 22 strategies and associated actions are implemented successfully, Routt County is anticipated to reduce GHG emissions by 35% by 2030 and 74% by 2050.

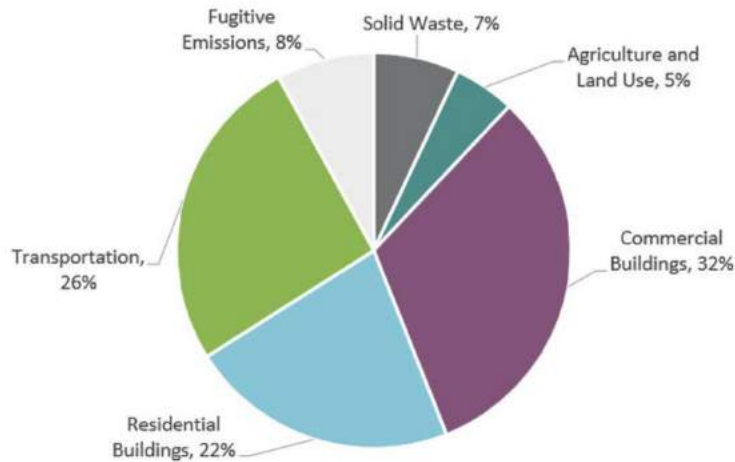
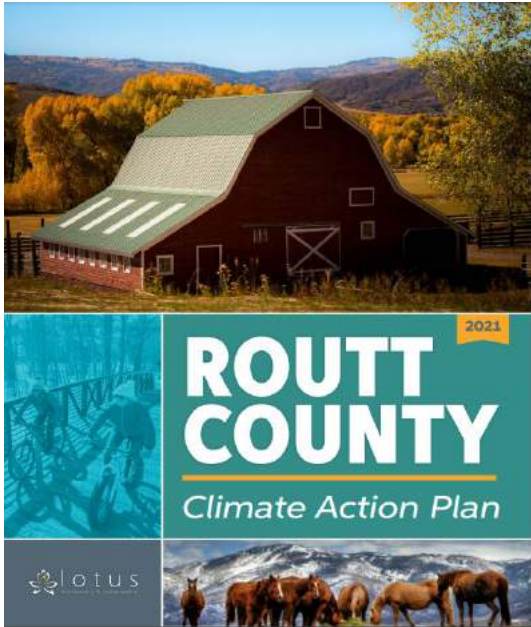


Figure 1: Routt County's 2018 emissions by sector.

Routt County emissions totaled 693,367 metric tons of carbon dioxide in 2018.

### Routt County's Climate Action Strategies

Sector	Strategies
Energy	ES1. Increase adoption of renewable or other clean energy and fuel sources. ES2. Increase energy efficiency. ES3. Promote fuel switching (i.e., electrification).
Transportation	TS1. Improve safe and equitable multimodal access throughout each community to reduce vehicle miles traveled (VMT). TS2. Increase adoption of electric vehicles such that 20% of registered vehicles in Routt County are electric by 2030 and 95% are electric by 2050. TS3. Reduce single occupancy vehicle travel. TS4. Engage in statewide discussions and policy work.
Waste	WS1. Reduce the amount of solid waste disposed of in the landfill. WS2. Increase diversion. WS3. Support waste reduction initiatives at the state level.
Land Use	LUS1. Promote land management practices that increase carbon sequestration and storage across forests, wetlands, riparian corridors, and agricultural lands/rangelands and preserve carbon sinks, especially forests and wetlands, and designate future land uses to maximize carbon sequestration. LUS2. Increase and support cross-boundary efforts to conserve and maintain natural lands and to promote resiliency across the landscape within the County. LUS3: Promote water conservation measures and reduce energy consumed in water production, distribution, and waste water treatment. LUS4: Promote compact development patterns to achieve more sustainable development and preserve natural land use types.
Economy	ECS1: Consume goods with lower embedded carbon emissions. ECS 2: Develop green markets. ECS3: Expand base industries for regional self-reliance. ECS4: Enhance environmental sustainability efforts undertaken by business.
Accountability	AS1. Ensure adequate funding for the Climate Action Plan AS2. Establish accountability mechanisms for the CAP. AS3: Align with other community plans. AS4: Carry out educational programs in support of the CAP.



## What is needed for CAP to be successful?

The CAP will require concentrated coordination across the governments of Routt County with local leading organizations and community members. The Routt County Climate Action Plan Collaborative model creates a framework for accountability, partnership, and coordination, and connects stakeholders to resources to implement the CAP.

## Why is the CAP important to you and your community?

Having this plan in place opens up access for the County, municipalities, and partner organizations to grants and other funding and technical assistance resources that are currently or may soon be available at the state and federal level.

Taking a proactive stance on climate change will allow Routt County to be better prepared for anticipated changes in the regional climate and the impact those changes will have on citizens, landowners, and businesses. By developing and implementing this CAP, Routt County will be helping to protect the health and safety of local individuals, businesses, and natural resources and help ensure the County remains a vibrant and thriving community for years to come.



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