

Four clusters of Fort Collins climate solutions.

1. Conservation
2. Renewable Energy
3. Food, Consumer Goods, Waste
4. Land Use

1. Conservation

Buildings	Transportation
Weatherize existing homes	Extended hours and routes for Transfort
Tighten efficiency standards for new construction	Core to core public transit, including light rail
Collaborate with developers to promote energy efficient design	Car share program
Promote use of energy efficient appliances	“Smart jitney” program
Promote replacement of mechanical A/C with <ul style="list-style-type: none"> • Evap cooling • Whole house fan • Landscaping • Etc. 	Electric car & wheel chair infrastructure
Promote use of geexchange for heating and cooling	Establish auto-free districts
Promote use of efficient lighting <ul style="list-style-type: none"> • CFs • LDs • Etc. 	Vehicle tax (registration fee) & rebate based on efficiency (potential social justice issue)
Tiered electric rates	Promote transit oriented development
Carbon Tax – natural gas and electricity	

2. Renewable Energy

Buildings	Utility	Transportation
Promote distributed renewable power generation (e.g. solar) <ul style="list-style-type: none"> • Incentives • Marketing 	Accelerate/expand Fort Zed to entire City	Build electric car & wheel chair Infrastructure
Incorporate buildings into smart grid system	Promote utility scale renewable energy (wind and solar)	Consider promoting application of low carbon/2 nd generation bio fuels
Establish “Feed-in tariffs” for renewable power systems	Do not build new coal fired generating capacity unless it incorporates CCS	Vehicle tax (reg fee) & rebates based on efficiency (potential social justice issue)
	Apply CCS to existing PRPA fossil fuel fired plants	Core-to-core public transit (incl. light rail)

3. Food. Consumer Goods, Waste

Production	Distribution/Allocation	Consumption	Waste
Promote local food production <ul style="list-style-type: none"> • backyard • community gardens 	Establish “truth in labeling” rules regarding locally produced goods	Promote eating lower on food chain	Promote reuse of packaging (e.g. beer bottles)
Promote local farms <ul style="list-style-type: none"> • marketing • credits for renewable generation 	Promote barter networks	Promote reducing general consumption (consumer goods)	Promote composting (e.g. city yard waste facility)
Promote/recruit sustainable/low energy intensive	Promote local currency (e.g., NOCO hours)	City Government lead by example in providing food at	Increase landfill diversion rate above 50% (current goal)

industry/companies		government meetings and events	<ul style="list-style-type: none"> current glass recycling effort needs improvement
Support energy efficiency improvements in existing production processes (potential social justice issues)	Support farmer's markets and other outlets for local production		Implement waste conversion/bio fuel technology solutions

4. Land Use

Ability of Land to capture & sequester carbon
Promote transit oriented development
Protect rural open space
Plant trees/other woody biomass
Promote natural built environments versus hardscapes
Promote house sharing/swapping
Promote conversion of turf areas to vegetable gardens
Promote phase-out of gasoline fired mowers to electric or push mowers
Promote low water – intensity lands scaping

Next Steps:

Laura:

1. Develop plan for how to quantify CO₂e Emission Reduction Potential
 - a. Priority Order: Cluster 1, 2, 3 (waste portion), 4 (quantifiable elements)
 - b. Identify and talk to available resources
2. Quantify CO₂e emission reduction potential
 - a. Create Spreadsheet
 - b. Create Summery Poster

FCSG

1. Generate proposal paper
2. Develop plan how to take proposal forward