

~ Welcome ~

**Climate Action Plan
Citizen Advisory Committee**



Tonight's Agenda

- Ground Rules
- Introductions
- Project Introduction and Background
- Need/Opportunity- “Stepping Up” Summary
- Platte River Power Authority Overview
- CAP Process & Framework Overview
- ~ **BREAK** ~
- CAC Role and Operating Agreements
- Guiding Principles Brainstorm
- Next Steps; Close

Principles for a Successful Meeting

Everyone's comments are encouraged and welcome so please feel free to express them. We want as many people involved as possible in the discussions.

Please raise your hand and I will recognize you and put you in the cue for your comments. This gives others the opportunity to complete their thoughts.

Assume the best in everyone. Differences of opinion are encouraged but please listen to and respect the opinions of others even though they may be different from yours.

In all cases, work towards finding alignment, common ground and compromise with your group members rather than focus on 3 areas of disagreement.

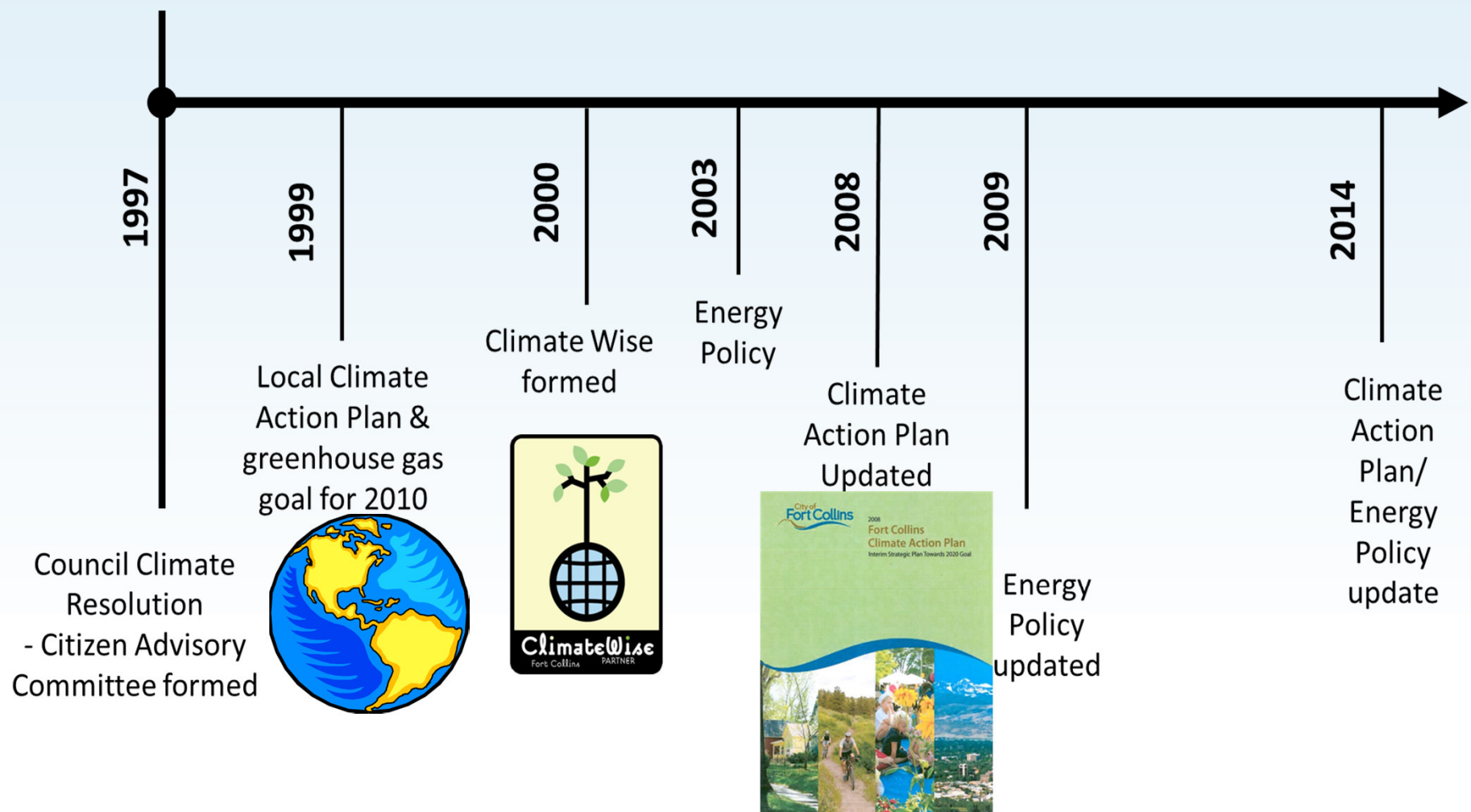


WHY Engage in Climate Protection?

- ✓ Actions support many other community policy goals
- ✓ Reduce air pollution emissions (incl. ozone precursors)
- ✓ Reduce natural resource consumption
- ✓ Reduce waste and increase landfill diversion rates
- ✓ Lower risk through diversified energy portfolio
- ✓ Improve ability to adapt to climate change
- ✓ Opportunities to support local businesses & the economy
- ✓ Redirect investments back into local economy
- ✓ Reduce reliance on foreign fuels



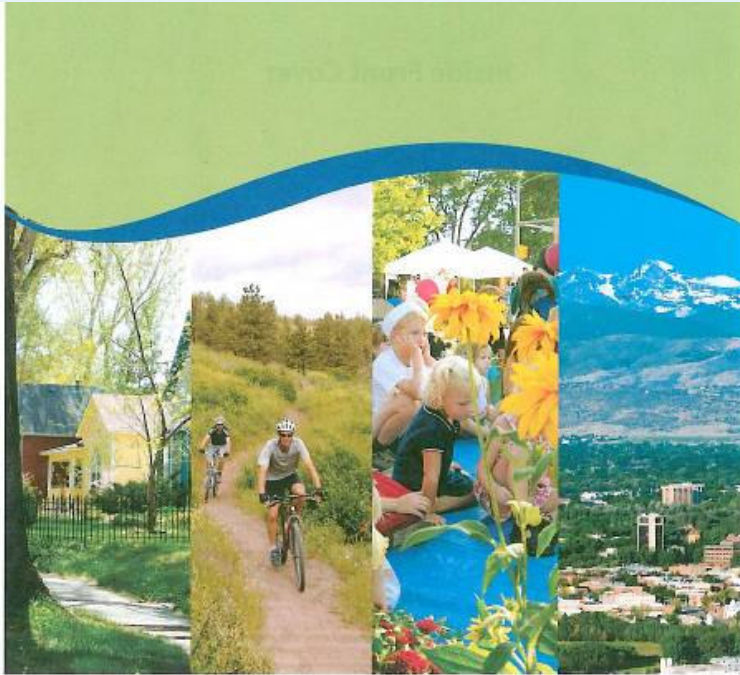
Fort Collins Climate Leadership



Fort Collins Climate Action Plan

Fort Collins Climate Policy

- 20% reduction below 2005 levels, by 2020
- 80% reduction below 2005 levels, by 2050



Save Energy/ Clean Energy

Community Involvement

Increase Recycling

Transportation Efficiency

Green Building

Land Use

Energy Policy

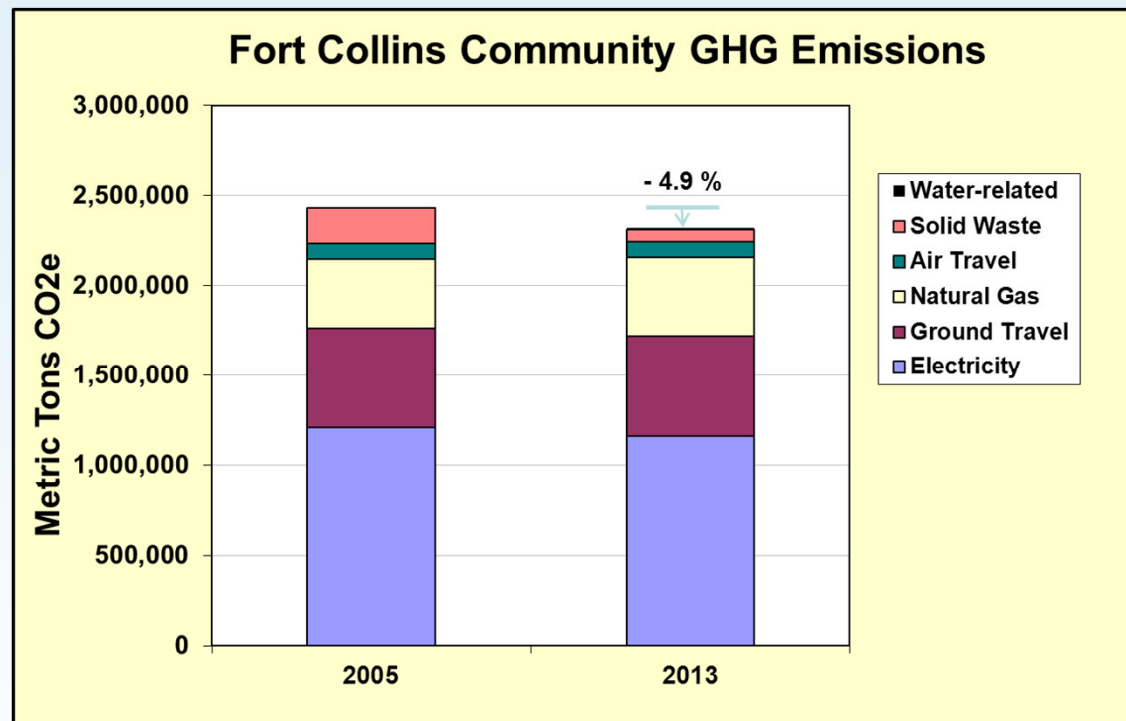
- Focus
 - Reliability
 - Efficiency & conservation
 - Renewable energy
 - Partnership



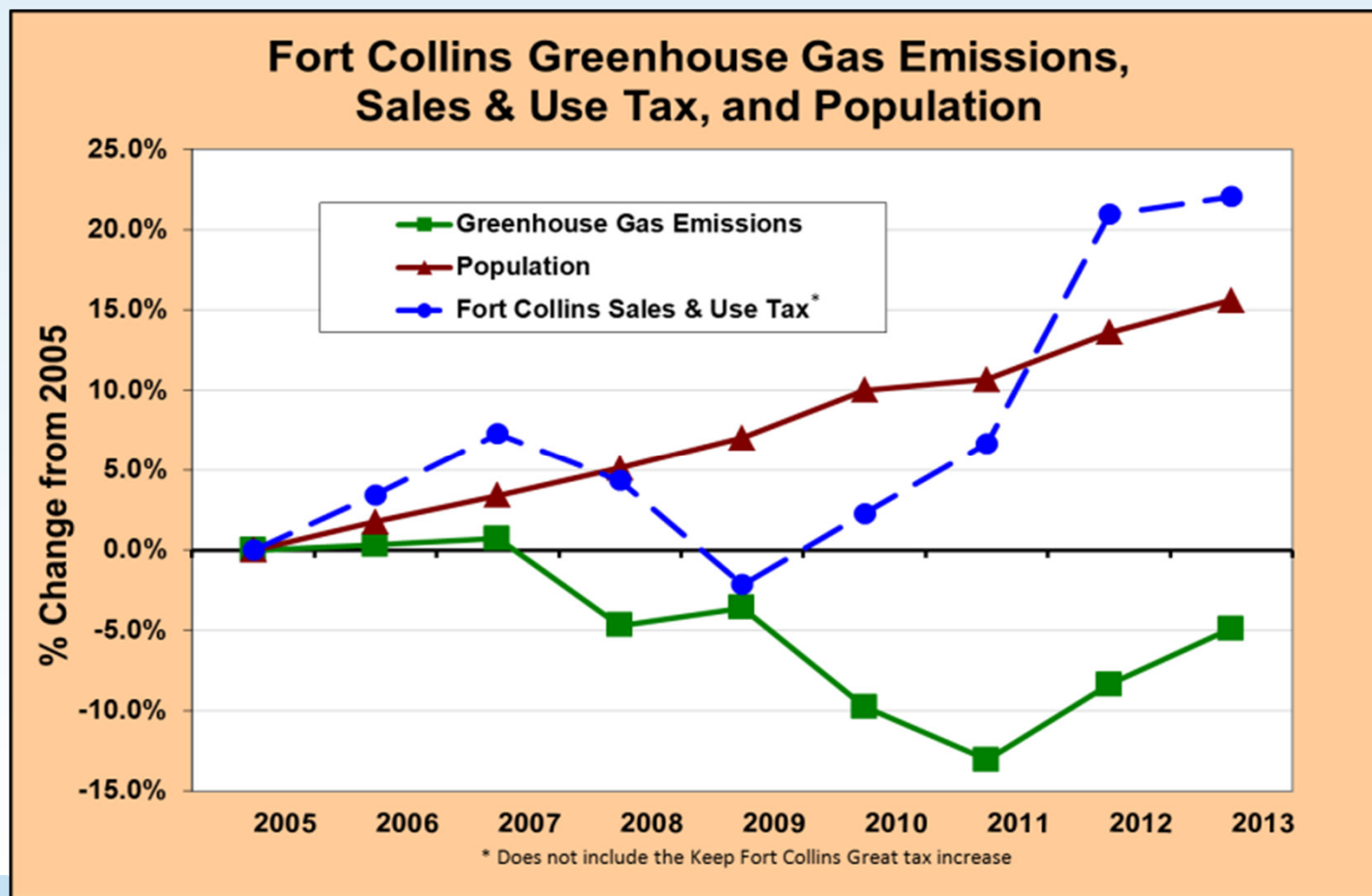
Fort Collins

GHG/Energy 2013 Progress

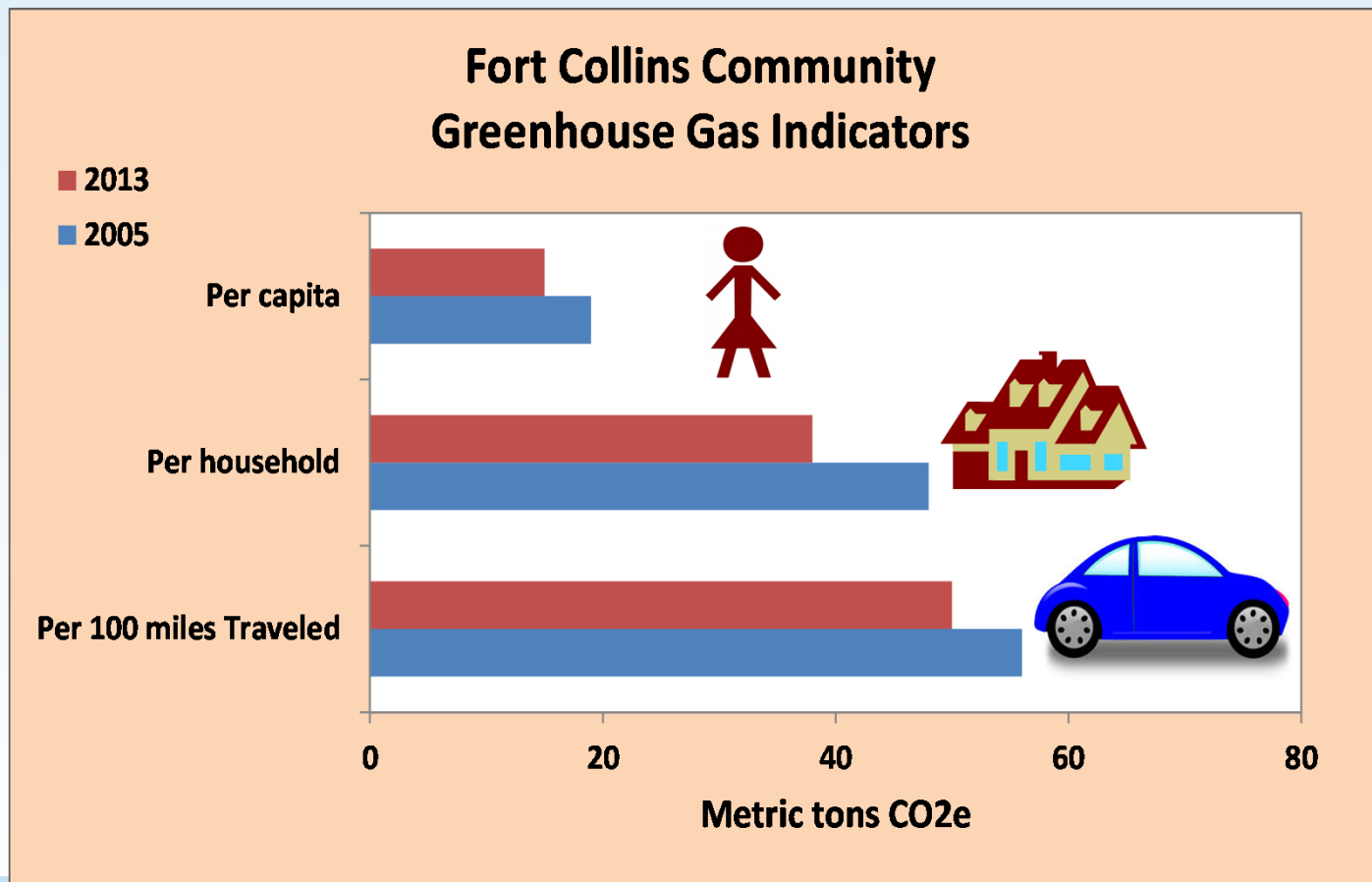
- Community and municipal carbon reductions below baseline year
- Annual efficiency savings of 1.5%
- 5.2% electricity clean renewable energy



GHG 2013 Progress



GHG 2013 Progress

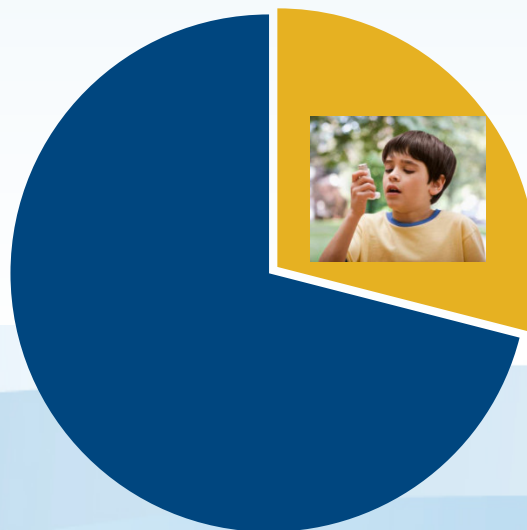


Support for Economy

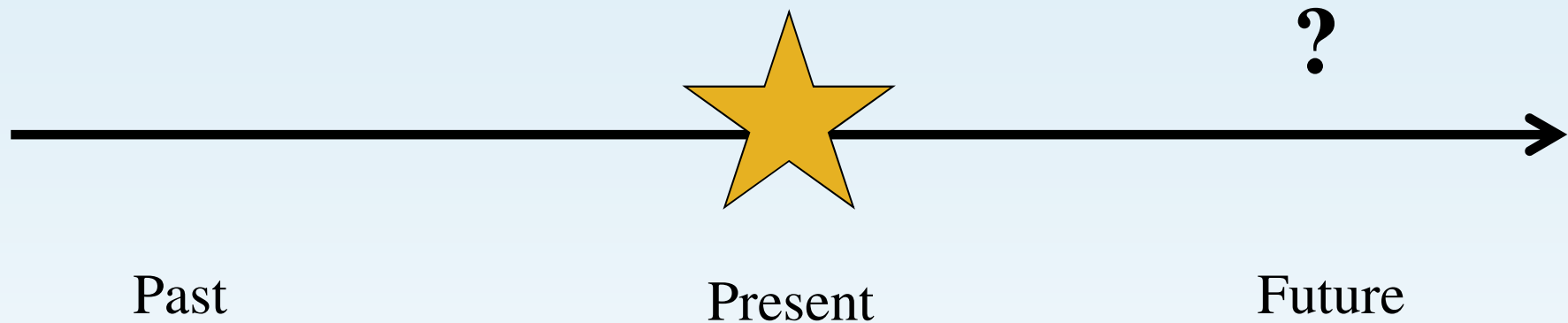
- *Energy Policy* programs saved \$31M during 2013
- ClimateWise partners saved \$15 million in 2013 alone, over \$83 million since the program began in 2000
- FortZED - testing and demonstrating new technologies, supporting innovative businesses, and securing outside grant funding
- Waste Diversion – Jobs per 10,000 tons of discards
 - Landfilling – 1 job
 - Recycling - 10 jobs
 - Reuse - 75-250 jobs

Support for Local Air Quality Improvements

Pollutant	Avoided in 2013 from GHG Reduction Actions in Fort Collins (tons)
Nitrogen Oxides*	384
Sulfur Oxides*	371
Carbon Monoxide*	81
Particulates**	10

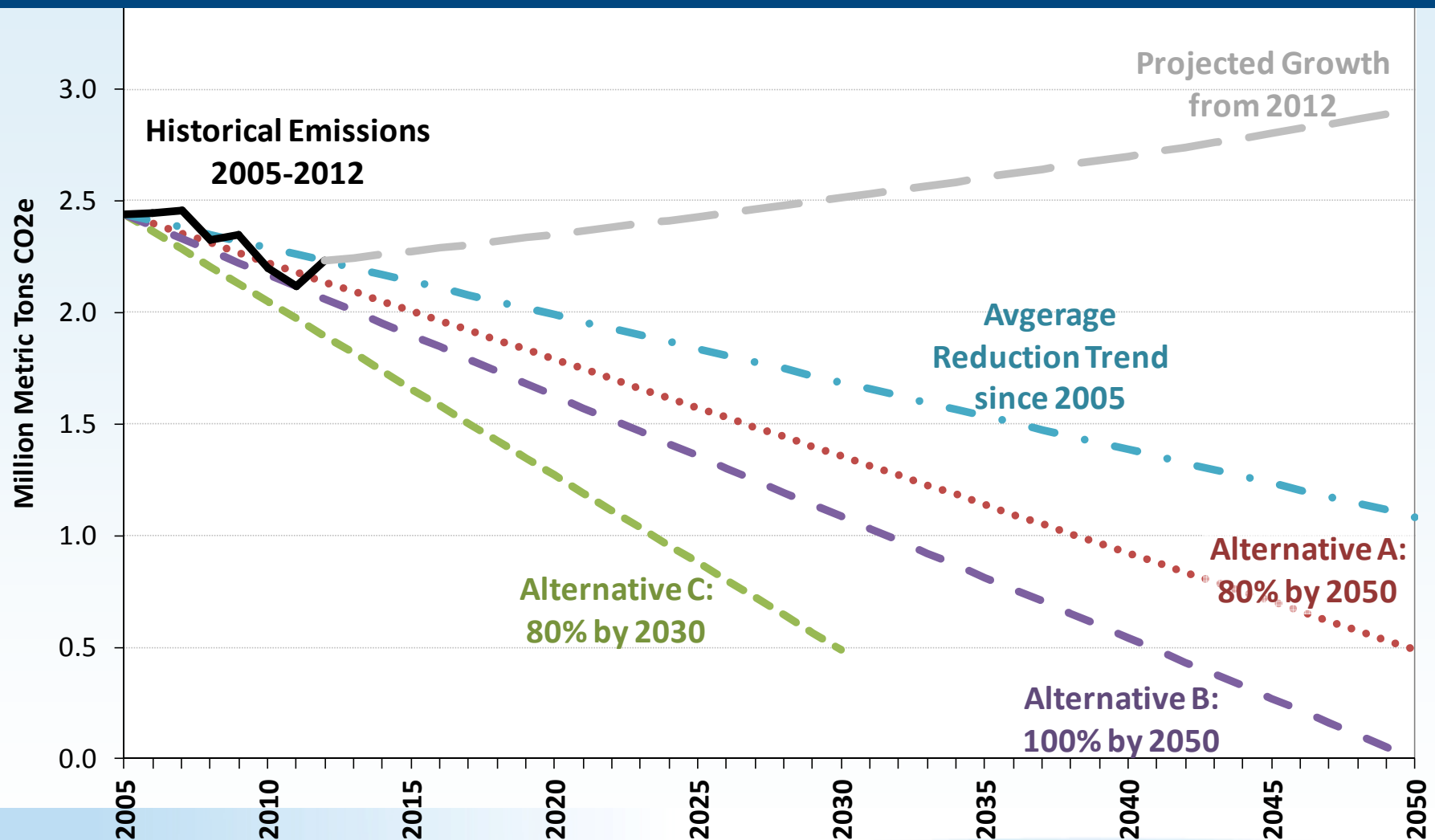


2013 – GHG Goal Evaluation



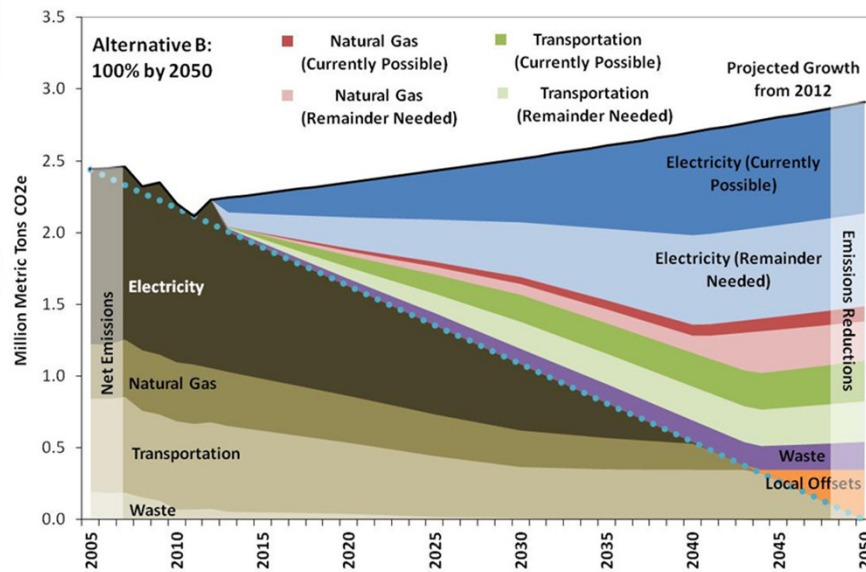
- Scientific findings increase need for urgent action
- Advancing technology and opportunities
- Energy Policy Update

Fort Collins GHG Goal Alternatives



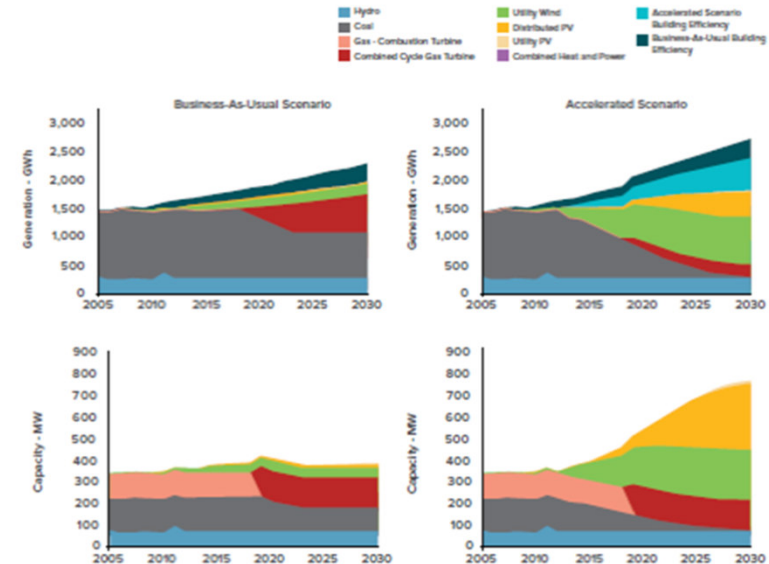
Goal Alternatives Evaluation

- GHG goal alternatives evaluation (Brendle Group)
- “Stepping Up” White Paper (Rocky Mountain Institute)
- Platte River Power Authority planning



Brendle Group

2013–2030 ELECTRICITY SYSTEM SUPPLY PORTFOLIO



RMI

City Council Direction (April 2014)

....describe the steps the Fort Collins community will need to take to achieve a community-wide greenhouse gas emissions reduction goal of

- 20% (relative to 2005 levels) by the year 2020, and
- 80% (relative to 2005 levels) by the year 2030....
- achieve carbon neutrality (a 100% reduction in greenhouse gas emission (relative to 2005 levels) by the year 2050.

- Present to Council by end of calendar year 2014

City Council Direction (April 2014)

- climate models show that unless all humanity is able to reduce its greenhouse gas emissions 80% below 2005 levels by the middle of this century, we are likely to cause “dangerous interference with the climate system”
- Fort Collins is especially vulnerable to the effects of climate change; where the temperature rise is expected to be approximately 1.6 times the global average
- Fort Collins is well-positioned to demonstrate to other communities both in the United States and abroad how deep reductions in greenhouse gas emissions can be made within the span of several decades while remaining economically vibrant.

Challenges and Opportunities



Indications of Public Support

2011 Fort Collins Air Quality Survey

- 86 % - governments should offer voluntary programs that enable citizens and businesses to reduce climate change
- 74% - governments should enact legislation and regulations intended to reduce climate change

Climate Change in the Coloradoan Mind (2013)

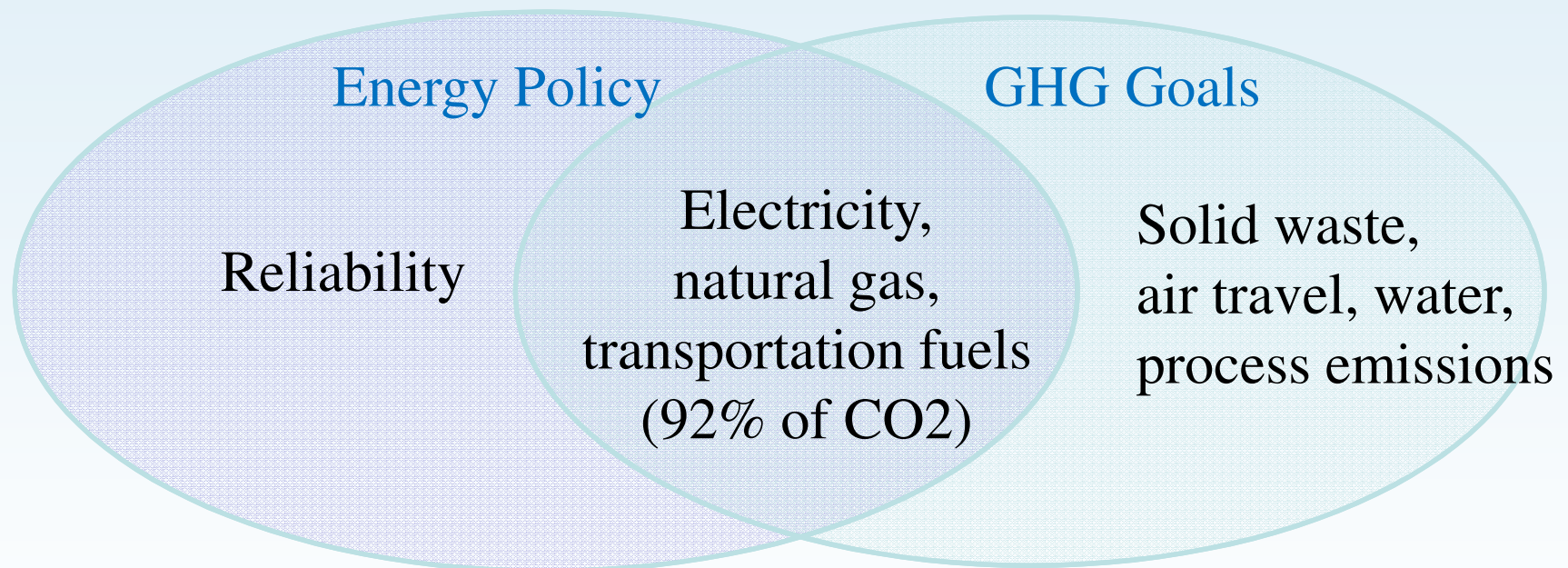
- More than half of Coloradans say that more should be done about global warming at all levels of government

Council Advisory Boards

Triple Bottom Line Approach is Critical



GHG Goals and Energy Policy Alignment



Climate Citizen Advisory Committee

- Purpose

Develop for City Council's consideration a proposed Climate Action Plan that describes steps the Fort Collins community will need to take to achieve a community-wide greenhouse gas emissions reduction goal of

- 20% (relative to 2005 levels) by the year 2020, and
- 80% (relative to 2005 levels) by the year 2030....
- achieve carbon neutrality (a 100% reduction in greenhouse gas emission (relative to 2005 levels) by the year 2050.



Climate Citizen Advisory Committee - Roles and Responsibilities

Role

- High level – input, review and comment
- Meet periodically (monthly or less)
- Iterative with technical experts, staff, public
- Participate as a citizen, reflecting interests and issues of your stakeholder group
- Ambassador for the project

Climate Citizen Advisory Committee - Roles and Responsibilities

Process and Decision-Making

- Facilitator = Art Bavoso
- Strive for informed consent*
- Voting will likely occur
- Minority opinion, if it exists, will be represented
- Citizens always retain their right to address Council

**Informed consent – the grudging willingness of opponents to go along with a course of action that they are actually opposed to.*

Thank you

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