

# Climate Action Plan Tax

City Council Second Reading  
August 18, 2015



# Background

## **2002**

- Kyoto Protocol

## **2005 to 2006**

- Climate Action Plan developed

## **2007**

- First city to tax itself to reduce GHG emissions

## **2009**

- Retooled CAP, revised programs and strategies

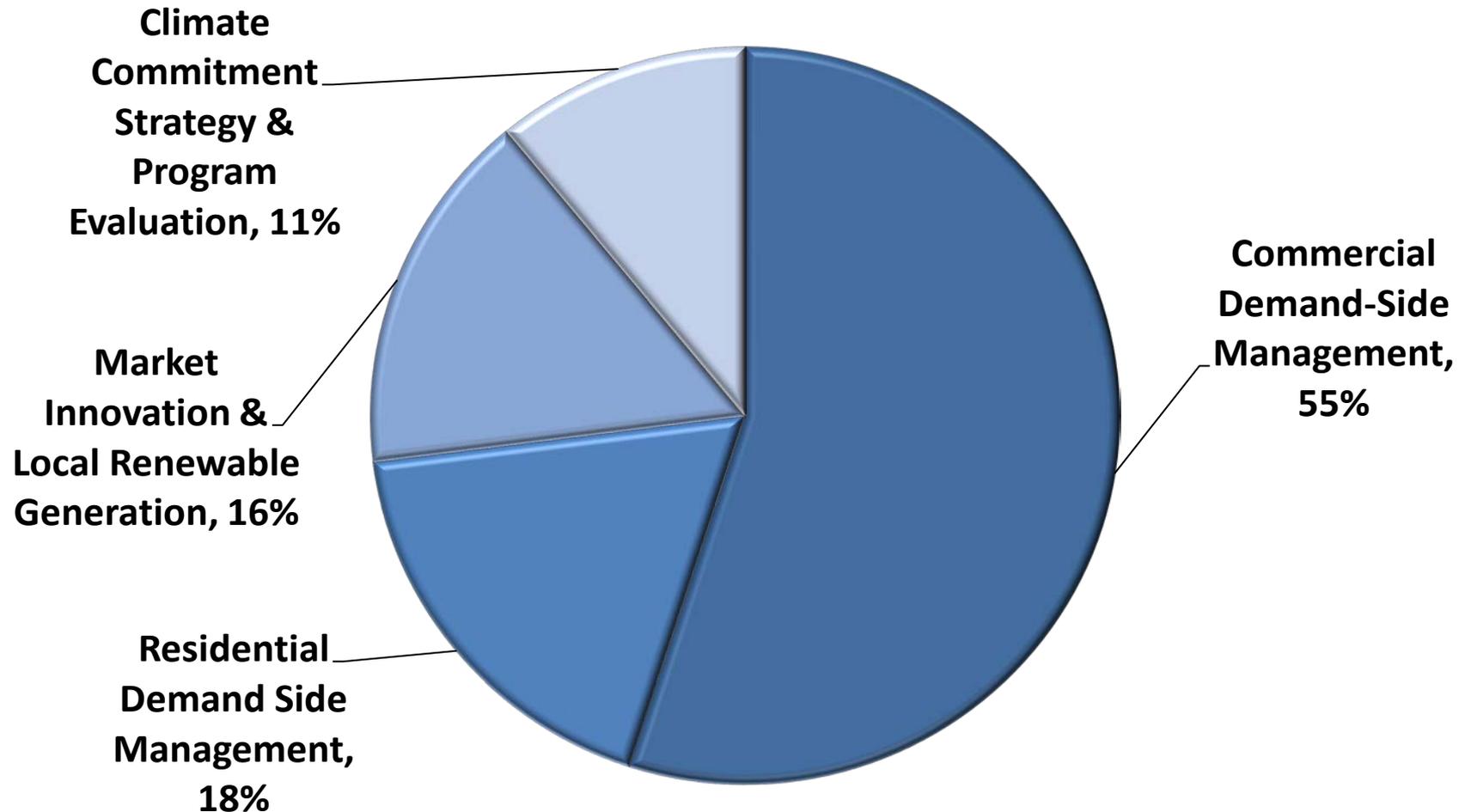
## **2010 – now**

- EnergySmart, SmartRegs, 10 for Change, PACE
- Pending commercial/industrial building performance ordinance
- Focus on supply side
- “80 by 50” planning

# CAP tax bill impacts

User	Percentage of Electricity Costs	Average Annual Tax
Residential	1.8% to 3.9%	\$21
Commercial	0.4% to 1.0%	\$94
Industrial	0.3% to 0.5%	\$9,600

# How is the money spent?



# Current CAP Programs

## **Residential demand-side management**

- EnergySmart
- SmartRegs

## **Market innovation and local renewable generation**

- Boulder Energy Challenge
- Boulder Rooftop Solar Tool

## **Commercial demand-side management**

- EnergySmart for businesses
- Building Performance Ordinance (proposed)

## **Climate commitment strategy and program evaluation**

- Tracking community GHG emissions
- Sustainability data tracking, management, reporting system
- Roadmap to reduce GHG emissions as a community

# Highlights

## **Residential EnergySmart**

More than \$1.4 million in rebates have been paid and more than \$10.5 million in private investments have been made.

## **SmartRegs**

Recently surpassed a “stretch goal” by reaching 3,000 compliant rental units in a one-year contract period; over 1/3 of rental housing now compliant

## **Commercial EnergySmart**

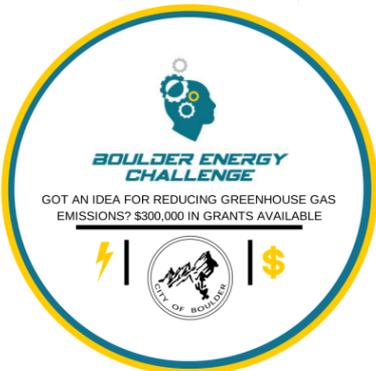
More than \$2 million in rebates have been paid and more than \$7.5 million in private investments have been made.

## **Boulder Energy Challenge**

Grant program funding \$300,000 for innovative solutions from the community to reduce emissions; implementation underway.

# Climate Impact

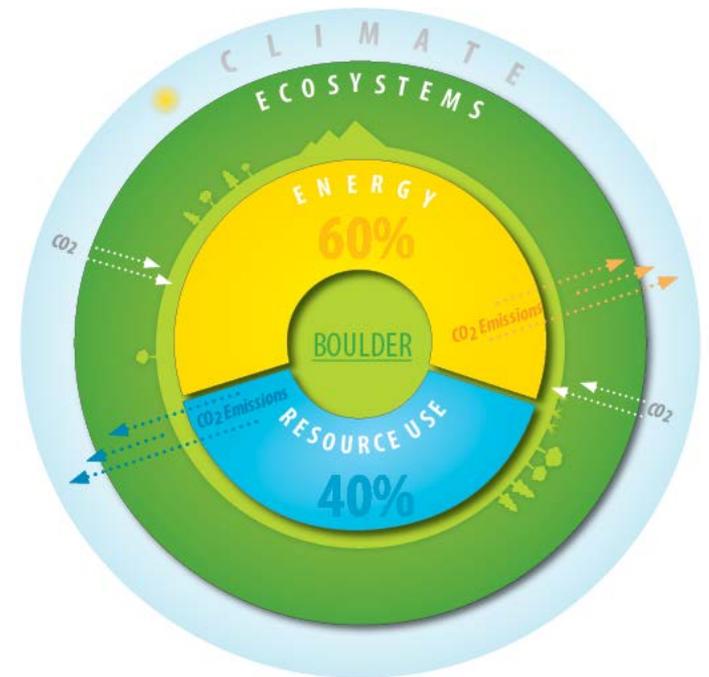
**Boulder avoided more than 50,000 metric tons of emissions** between 2007 and 2015 as a result of CAP-funded programs.



# Going Forward...

## July 30 Study Session on Boulder's Climate Commitment

- Continue current programs and planned initiatives
  - C&I Ordinance
  - Rooftop Solar Tool
  - EV pilot
  - Nanogrid pilot funded by REDI grant
  - Path to “net zero” building code
  - etc.
- Planning and analysis for “energy system transformation”
- Next steps toward creation of “the utility of the future”



# Staff Recommendation

## Suggested Motion Language

Motion to adopt an ordinance submitting to the registered electors of the City of Boulder at the municipal coordinated election to be held on Tuesday, November 3, 2015, the question of authorizing the City Council to continue the Climate Action Plan tax that was originally approved by the voters in November 2006 and implemented by the City Council in chapter 3-12, B.R.C. 1981, currently set to expire March 31, 2018, through March 31, 2023 for the purposes of implementing programs to increase energy efficiency, increase renewable energy use, reduce emission from motor vehicles, and take other steps toward the goal of reducing greenhouse gas emissions; setting forth the ballot title; and setting forth related details.