

# Austin Climate Protection Program Update



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Quarterly Update  
October 18, 2011

# Outline

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- Recent work
  - Overview
  - 5 Internal Focus Areas
  - Climate Action SharePoint Tracking
  - Austin Green Business Leaders
- What's next

# Where We've Been

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- 2007 Resolution
- Austin Energy's collaboration is essential
- Departmental plans are a strong foundation
- This is a new chapter

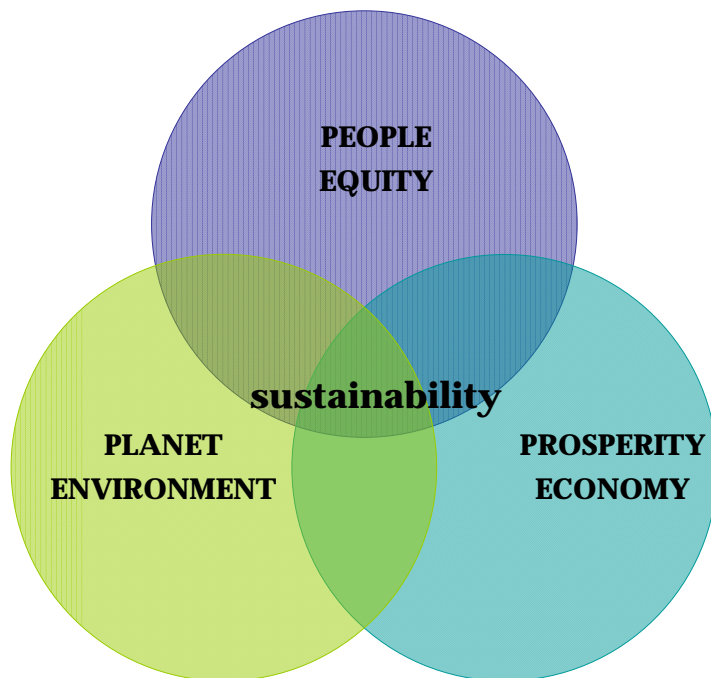
# What is Sustainability?

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- A. Defined by the triple bottom line
- B. Finding balance
- C. Using long term thinking



## Sustainability Action Agenda Themes

Natural and Resource Efficient  
Mobile and Interconnected  
Creative  
Educated  
Prosperous  
Livable

# Mitigation Strategy

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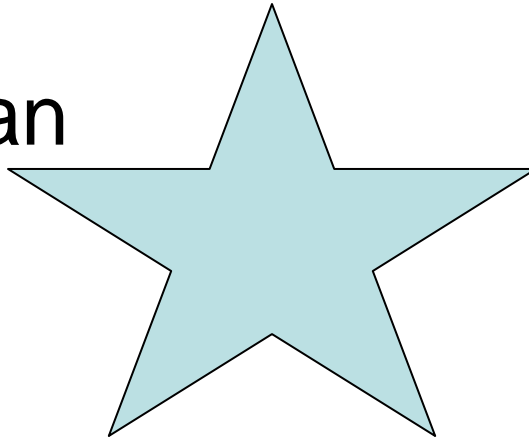
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Community Plan



Municipal Plan



Utility Plan



Go Neutral Plan



Homes and  
Buildings Plan

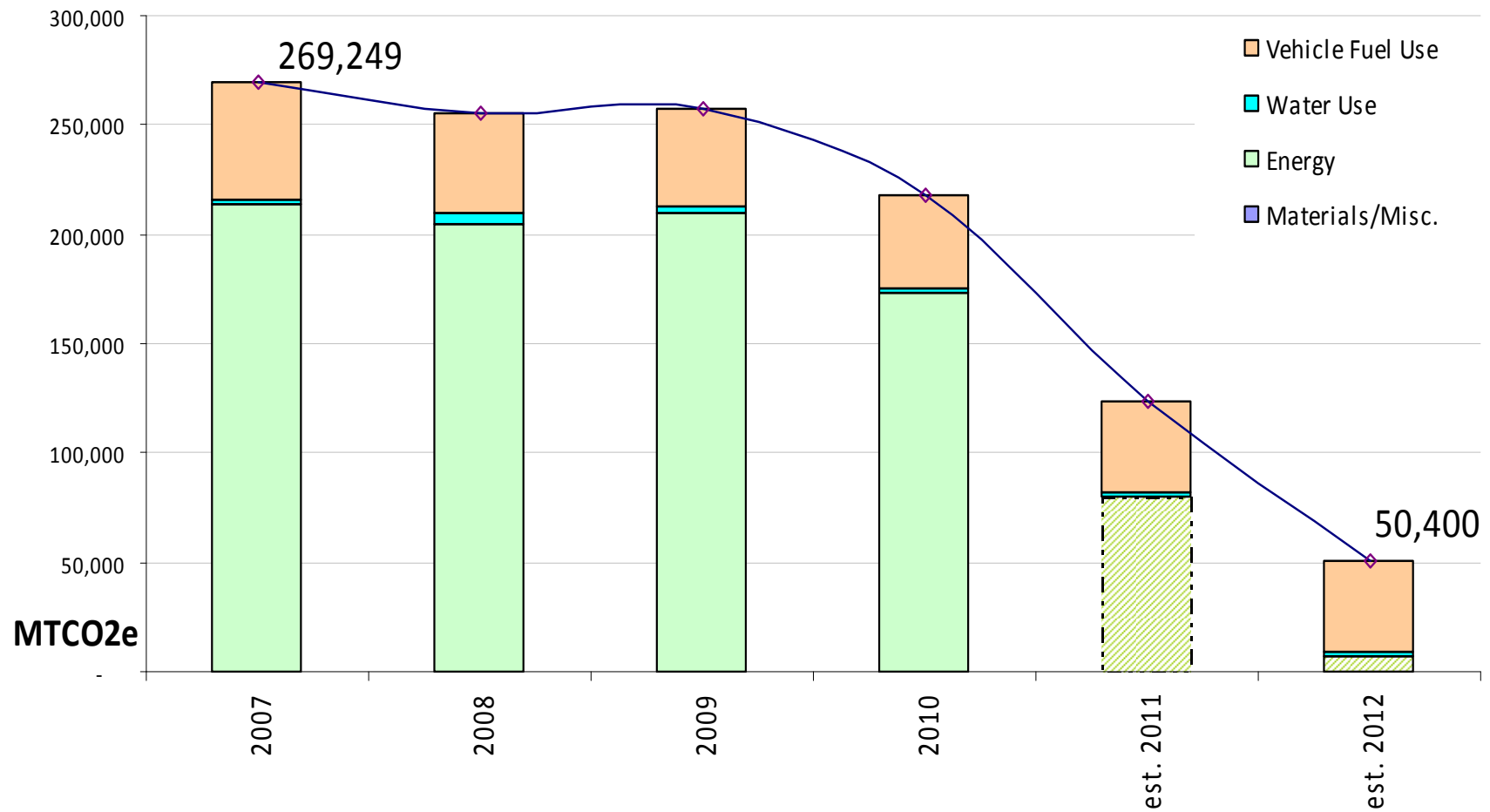


# City of Austin Government Operations Consumption

The City's municipal operations greenhouse gas emissions indirectly from the point of consumption

## 2007-2012 Carbon Footprint

Electricity 100% GreenChoice by 2012



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# 5 Internal Focus Areas

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1. Reporting and Metrics → Municipal / Community Plan
2. City Leadership and Operations → Municipal Plan
3. Communication and Education → Municipal / Community Plan
4. Community Initiatives → Community / Neutral Plan
5. Innovation and Technical Assistance → Municipal / Community Plan

# 1. Reporting and Metrics

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- 2010 City of Austin GHG Inventory
  - Departmental reporting and analysis
  - Third party verification ongoing
- Annual Report
  - Magazine style
  - Council matrix and PPT forthcoming
- STAR Community Index

## 2. City Leadership and Operations

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- Climate Action Team
  - Managing monthly meetings
  - Staff liaisons
  - New SharePoint project tracking
- Fleet Services
  - 2010 Audit
  - 2020 Carbon Neutral Plan
- Urban Sustainability Directors Network

### 3. Communication and Education

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- FY10/11 Education and Training
  - Departmental training – 1,017 people
  - External presentations – 5,071 people
- Communication
  - Website revamp
  - Facebook with the Office of Sustainability
  - ACPP newsletter
  - Green Gems Map – Green City Festival

## 4. Community Initiatives

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- Austin Green Business Leaders
  - Program Development
  - Outreach and Feedback NOW – Rollout early 2012
- Carbon Offset Challenge Grants
  - Tree Folks – Urban Forestry
  - 2 additional projects
- Heat Island
  - Tree of the Year – October 29th
  - New Green Roof and Heat Island Websites
- Community Climate Plan → Imagine Austin

## 5. Innovation and Technical Assistance

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- City of Austin facilities ECAD compliance
- Capital Planning – Sustainable Return on Investment
- ISWG – Connection and collaboration
- F1 Green Terms Sheet

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# Interdepartmental Climate Action Team

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- Monthly meetings
- Highlight departmental implementation
- Engage the group on emerging issues
- New ACPP staff liaisons
- NEED better metrics and performance tracking

# Tracking Solution

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- SharePoint
- Each climate protection action is a line item
- Tracking by department and as a whole
- Easy sorting and reporting
- Upload or download to Excel

# Details

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- **General**
  - Department
  - Reduction project
  - Reduction type
  - Project contact
  - Category
  - ACPD liaison
  - Collaboration
- **Status**
  - Progress (0-100%)
  - Start date
  - End date
  - Barrier type
  - Barrier description
- **Costs**
  - Capital costs
  - Staff hours
- **Benefits**
  - Estimated cost savings
  - Avoided emissions
  - Natural gas saved
  - Water saved
  - Waste diverted
  - kWh avoided

# SharePoint Data Analysis

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- 1,980 total actions
  - Known status of 750 actions
    - 208 completed
    - 365 in progress
    - 176 not-started, deferred, or on-hold
  - Known GHG reduction type of 513 actions
    - 214 conceptual / unquantifiable
    - 167 indirect
    - 132 direct

# SharePoint Data Analysis (2)



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Investment

Savings

Project Status	Capital (\$)	Staff (hrs)	Savings (\$)	GHG (mtCO2)	Water (gal)	Electricity (MWh)	Waste Divert (tons)
Completed	\$900	100	\$14,000	91	0	175	0
In Progress	\$240,000	116	\$145,000	1748	35 Mg	3,600	334,612
Deferred	\$50,750	320	\$3,000	2	0	0	0
<b>TOTAL</b>	<b>\$291,650</b>	<b>536</b>	<b>\$162,000</b>	<b>1841</b>	<b>35 Mg</b>	<b>3,775</b>	<b>334,612</b>

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What is



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# Austin Green Business Leaders?

Voluntary

Any Business in Austin

Action Driven

Award Based

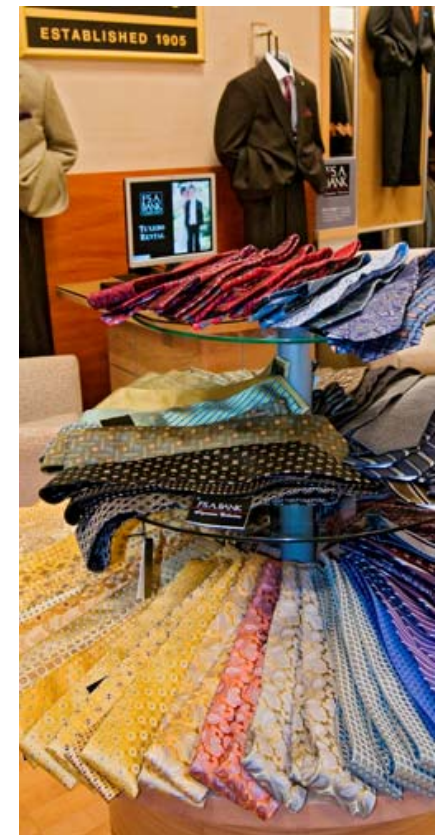


Photo by Michael Knox, ASLA

# How does it work?

Step 1

**SIGN UP**

**1. Pledge to become a Green Business Leader**

Step 2

**ACT**

**2. Scorecard for continuous improvement**

Step 3

**SUBMIT**

**3. Business compiles a “submission package”**

Step 4

**REWARD**

**4. City of Austin recognizes leaders**

# What's in the scorecard?

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## 7 Categories

## Total Possible

– Company Engagement	7 actions	15 points
– Energy	12 actions	18 points
– Waste	11 actions	18 points
– Transportation	10 actions	15 points
– Water	6 actions	15 points
– Healthy Work Environment	5 actions	8 points
– Community Stewardship	<u>7 actions</u>	<u>11 points</u>
	58 actions	<b>100 points</b>

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# The Next 6 Months

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- New Austin Energy Customer Care and Billing System (CC&B)
  - Potentially a new carbon calculator
  - Revive the CARS system or some alternative
- Climate Action Team
  - Potential new meeting format
  - Continued departmental data collection
- Internal City Sustainability Efforts
  - Goal / Reporting consolidation
  - Focus on cross-departmental issues
    - Fleet Services
    - Climate Adaptation
    - Existing Buildings
    - Others



Zoe says  
Thank you!

I'll be back in  
January