

# Climate Program Quarterly Update



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January 17, 2012

# Outline

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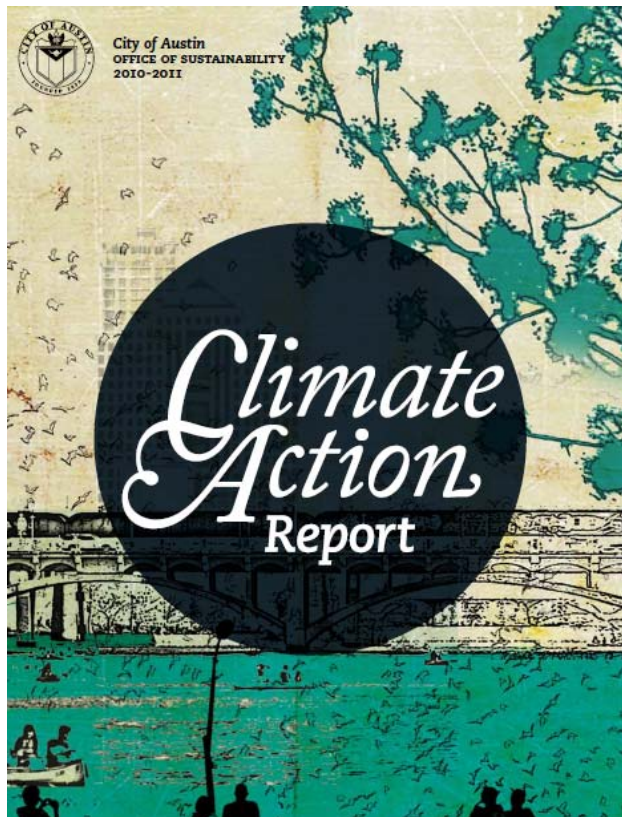
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- **2010-2011 Climate Action Report**
- Internal Climate Action Team
- Austin Green Business Leaders Program

# 2010-11 Report



## OFFICE of Sustainability



### Table of Contents: The Big Picture City Government Impacts Community Climate Action



#### AUSTIN CLIMATE PROTECTION PROGRAM JOINS THE OFFICE OF SUSTAINABILITY

**2010  
SEPTEMBER**  
New Office of Sustainability  
launched as part of City  
Manager's Office, sending a  
clear signal from executive  
leadership that sustain-  
ability is a core value.

**DECEMBER**  
City Manager Marc Ott  
moves the Austin Climate  
Protection Program within  
the City's new Office of  
Sustainability to position it  
for greater citywide impact.

**2011  
FEBRUARY**  
Austin Climate Protection  
Program leader Ester  
Matthews retires from  
Austin Energy after 23 years  
of service.

**MAY**  
Zach Baumer begins leader-  
ship role as new Climate  
Program Manager, after a  
national search.

**FUTURE  
ONGOING**  
Climate action is inte-  
grated into the Office of  
Sustainability's work to  
connect and amplify green  
initiatives citywide, as part  
of a foundation for Austin's  
enduring prosperity.



**5**  
The number of materials  
Austin multifamily and  
commercial properties  
will be required to recycle  
beginning in October  
2012 under the Universal  
Recycling Ordinance,  
including office paper,  
plastic #1 and #2, glass,  
corrugated cardboard, and  
aluminum. Compliance  
with the ordinance will  
be phased in by type and  
size of property.



**7,566**  
Total gallons of 100  
percent post-consumer,  
reblended low-VOC flat  
paint made from paint  
collected at the City  
of Austin's Household  
Hazardous Waste facility  
since July 2010. The paint,  
known as Austin Reblend,  
is free to residential or  
civic projects and comes  
in two neutral colors.  
Every gallon made diverts  
the same amount from  
the landfill.



**90**  
The number of Austin  
days with temperatures  
of at least 100 degrees in  
2011. That's the most 100  
degree days in Austin in a  
year since 1895.



**6**  
Number of greenhouse  
gases, including carbon  
dioxide (CO<sub>2</sub>), that are  
known to drive climate  
change.



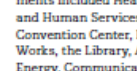
**9,400**  
Acres of land occupied  
by farms in Austin's five  
county region.



**13,611**  
The number of tons of  
CO<sub>2</sub> equivalent reduced  
through alternative fuel  
vehicle use and other  
means by Central Texas  
Clean Cities participating  
fleets reporting in 2010.  
Central Texas Clean Cities  
is a volunteer coalition  
of public and private  
fleets that work to reduce  
petroleum consumption.



**163**  
Gallons of water used per  
capita per day in Austin,  
expressed as a five-year  
rolling average. In 2010  
Austin City Council  
approved a policy to  
reduce Austin's per capita  
water use to below 140  
gallons per capita per day  
by 2020.



**912**  
City of Austin employees  
who attended Austin  
Climate Protection  
Program-led trainings in  
2011. Represented depart-  
ments included Health  
and Human Services, the  
Convention Center, Public  
Works, the Library, Austin  
Energy, Communications  
and Technology  
Management, and the  
Parks and Recreation  
Department.

### *A Message from the City Manager*



# The Big Picture

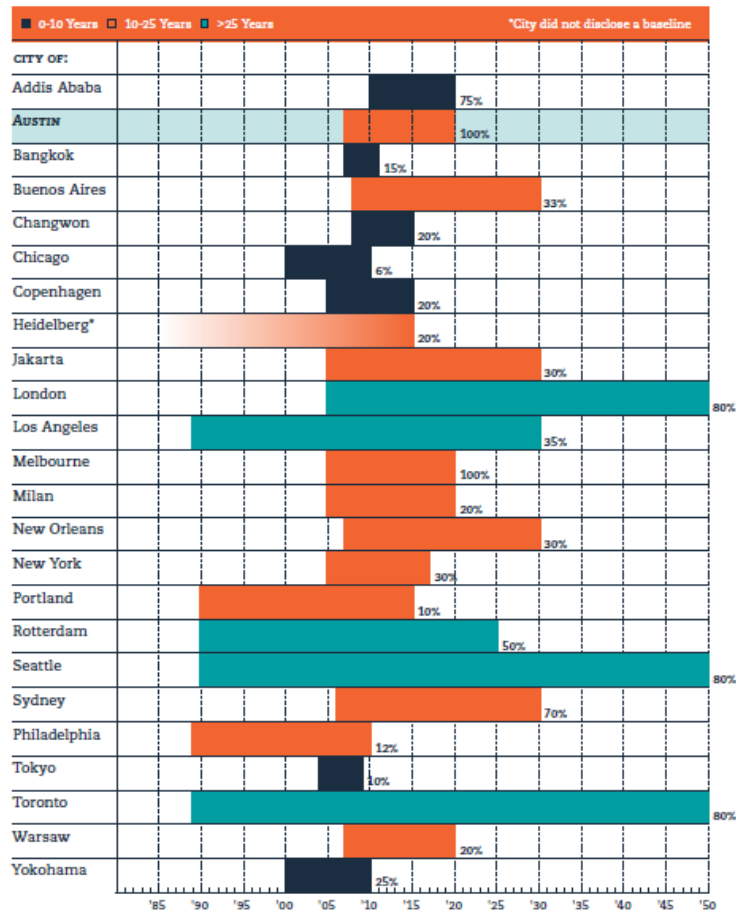


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## WORLD CITIES' GOALS

CITY GOVERNMENT OPERATIONS  
EMISSION REDUCTION TARGETS  
AROUND THE WORLD

Adapted from Carbon Disclosure Project Cities  
2011: Global Report on C40 Cities. The cities  
listed below have reported specific greenhouse  
gas reduction targets to the Carbon Disclosure  
Project, with the exception of Seattle.



## GOING CLIMATE NEUTRAL

REACHING OUR GREENHOUSE GAS REDUCTION TARGETS



800  
MW

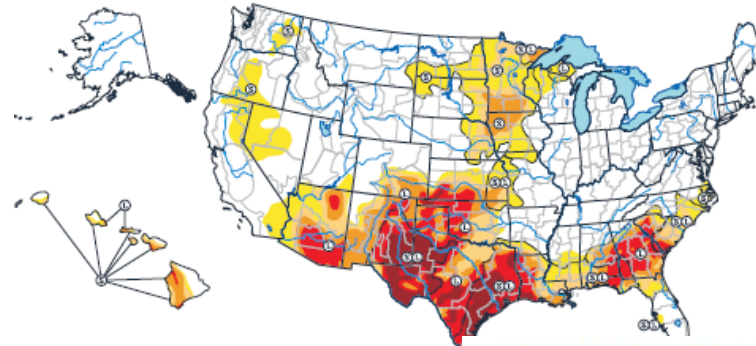


**2012**  
All City Facilities  
Powered by Renewable  
Energy

**2020**  
800 MW of New Energy  
Savings through  
Energy Efficiency &  
Conservation

**2020**  
35% Renewable  
Energy in the Utility's  
Portfolio

**2020**  
All City of Austin  
Facilities, Fleets, &  
Operations Totally  
Carbon Neutral



U.S DROUGHT MONITOR: 12/13/2011

**INTENSITY:**  
 ■ D0 Abnormally Dry  
 ■ D1 Drought-Moderate  
 ■ D2 Drought-Severe  
 ■ D3 Drought-Extreme  
 ■ D4 Drought-Exceptional

**DROUGHT IMPACT TYPES:**  
 ■ Delineates Dominant Impacts  
 ■ Short-Term: typically <6 months  
 (e.g. agriculture, grasslands)  
 ■ Long-Term: typically >6 months  
 (e.g. hydrology, ecology)

**EXTREME DROUGHT  
CONDITIONS PERSIST  
IN CENTRAL TEXAS**

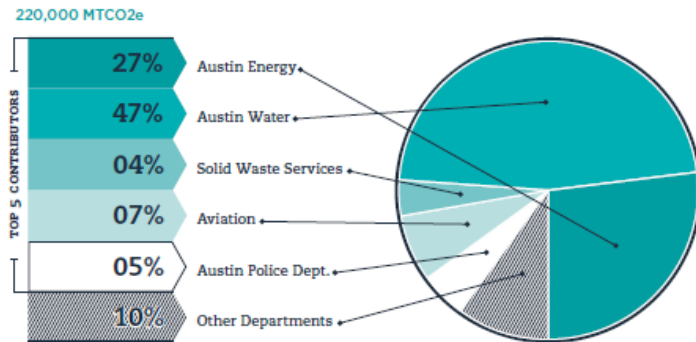


# City Government Impacts

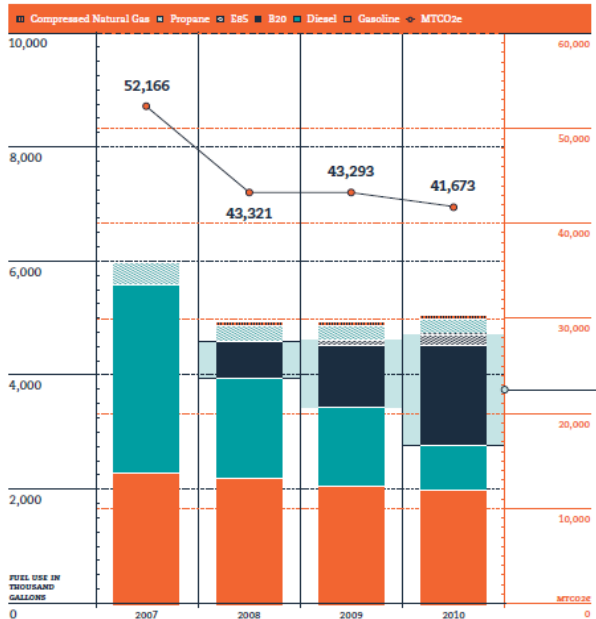


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## 2010 CITY DEPARTMENT GREENHOUSE GAS EMISSIONS

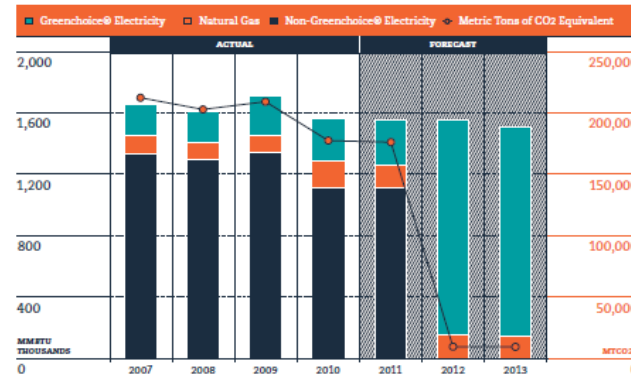


### CITY GOVERNMENT FUEL USE: 2007-2010



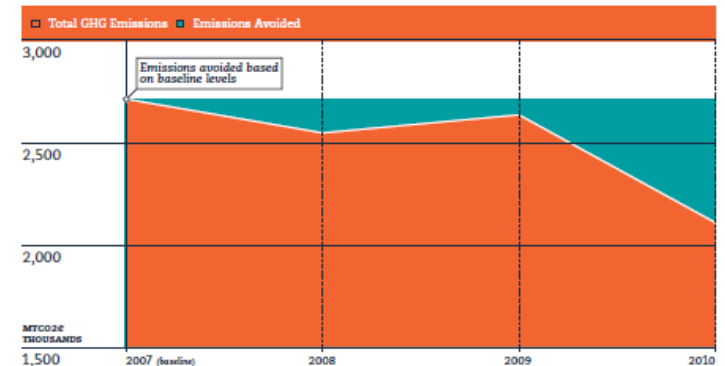
## CITY OPERATIONS TOTAL ENERGY CONSUMPTION

fact, subscribers to four of the six GreenChoice batches—including some City accounts—saved money when the regular fuel charge rose above their GreenChoice rate.



*Counting our CO<sub>2</sub>*

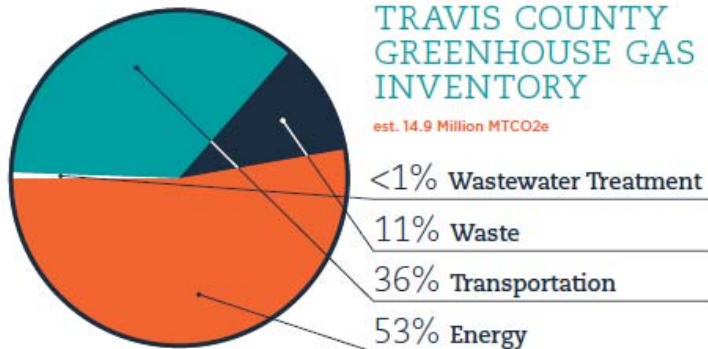
### CITY OF AUSTIN DEPARTMENTS, FACILITIES AND FLEET



# Community Climate Action



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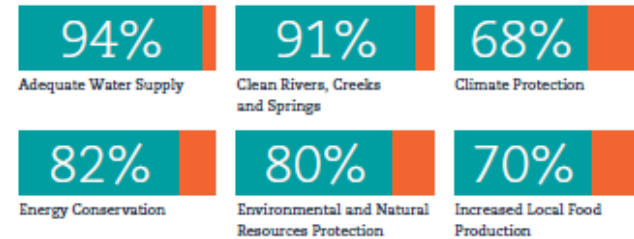
A LOCAL WAY TO  
OFFSET YOUR  
CARBON IS COMING

## GREENHOUSE GAS EMISSIONS PER CAPITA

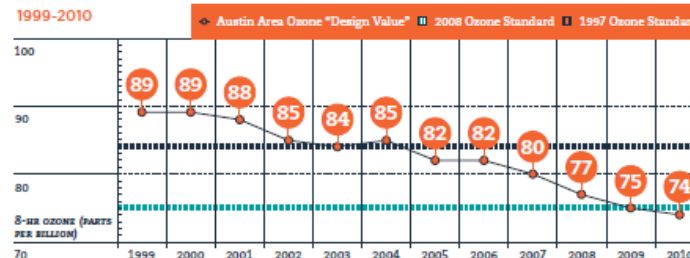


### SURVEY SAYS...

In spring of 2010 more than 1,300 Austinites responded to a City of Austin survey about priorities for our region's future. The following percentages of respondents agreed that the identified elements should be a part of Austin's future.



## OZONE TRENDS IN THE AUSTIN AREA



# Outline

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# Climate Action Team Meeting Survey

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- **2008-2011**
  - Monthly 1.5 hour in-person meetings
  - Focus: Barriers, tools, and highlighting departmental implementation
- **Online Survey Results**
  - CAT meetings informative
  - The meetings are useful but not necessary for implementation
  - It's time to review frequency / content
- **2012**
  - 1 hour webex / conference call
    - Focus: collaboration, assistance, and accountability
  - Quarterly summits
    - Target specific topics
    - Engage Leadership



# Implementation Accountability

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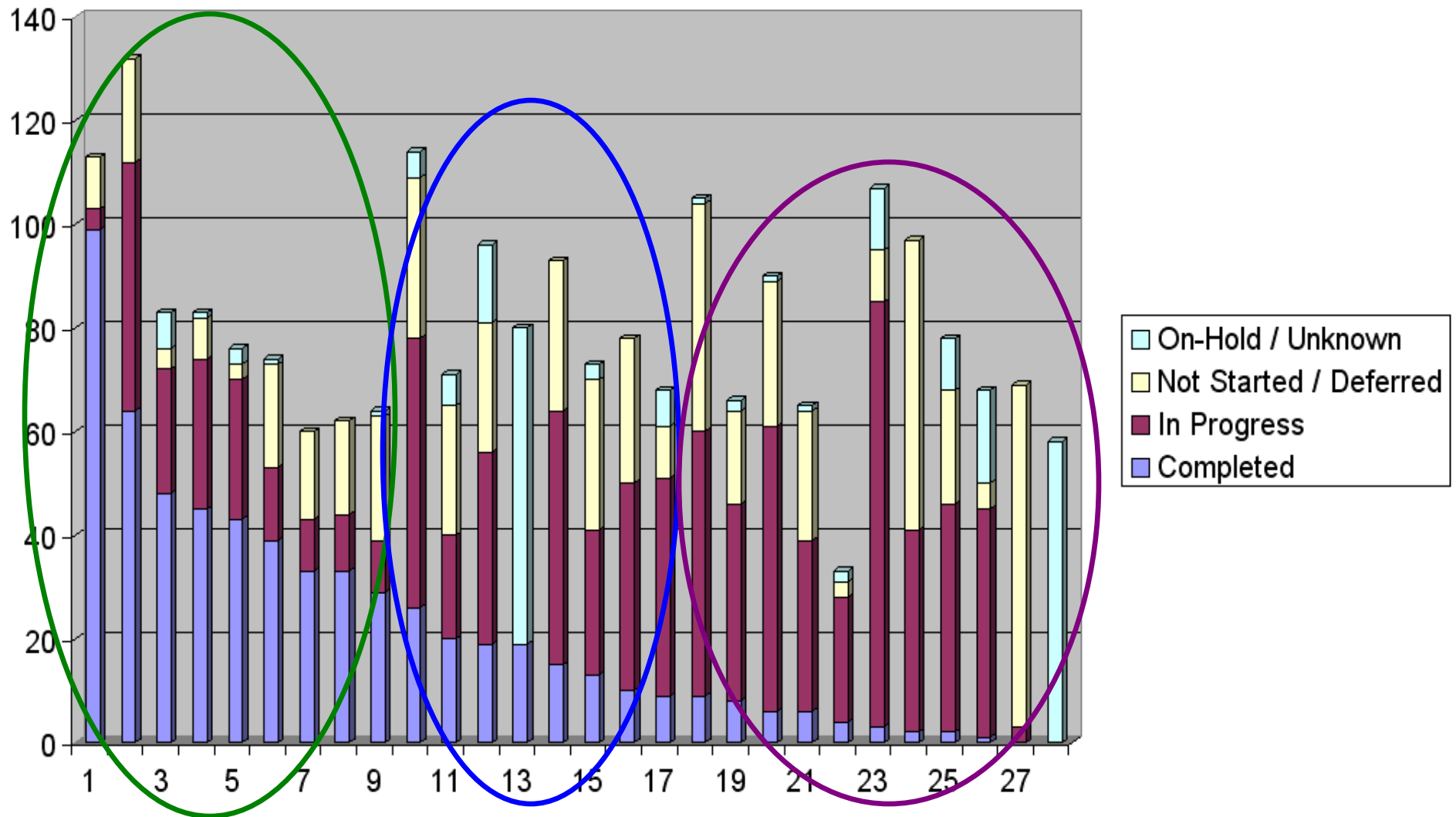
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- SharePoint Database
  - Each climate protection action is a line item
  - Tracking by department and as a whole
  - Easy sorting and reporting
  - Upload or download to Excel

# Climate Protection Plan Progress by Department



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# Next Steps

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- Three implementation approaches
  - Share lessons learned / best practices
  - Collaborate and accelerate
  - Step by step - checklist
- UP FRONT focus on Data / Costs / Benefits
- More connection with interdepartmental “service” departments

# Outline

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# Why should a business participate?

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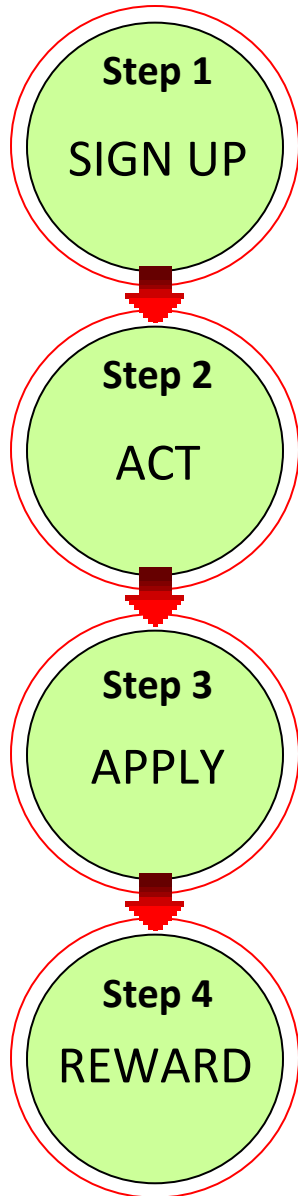
- Make Money
  - Promotion and Recognition
  - Differentiation / Green Standard
- Save Money
  - Rebates and Incentives
  - Learn best practices from your peers
- Contribute to Sustainability in Austin
  - Easy to use tools
  - Environmental and Health Benefits



Photo by Michael Knox, ASLA



# How does it work?



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

**2. Complete the scorecard and track your progress**

**3. Send completed scorecard to the City for review**

**4. City of Austin recognizes leaders**

# What's in the scorecard?



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## 7 Categories

- Company Engagement
- Energy
- Resource Management
- Transportation
- Water
- Healthy Work Environment
- Community Stewardship

## Total Possible

9 actions 13 points

22 actions 35 points

15 actions 22 points

13 actions 23 points

15 actions 25 points

8 actions 13 points

10 actions 16 points

**92 actions 147 points**

**Platinum: 80+ points**

**Gold: 55-79 points**

**Silver: 30-54 points**



# Outreach and Feedback

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- Internal Stakeholders
  - Austin Energy
  - Austin Water Utility
  - Austin Resource Recovery
  - EGRSO
  - Transportation
  - Watershed Protection
  - Cap Metro
- External Stakeholders
  - Chambers of Commerce
    - Hispanic Chamber
    - Young Chamber
    - Asian Chamber
    - African American Chamber
    - Austin Chamber Clean Energy Council
  - International Facilities Managers Association
  - Texas Green Network

# Founders

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## **Input:**

**Scorecard Content**

**Naming**

**Recognition & Awards**

**Prerequisites**

**Auditing**

**Transparency**

**Tenant v. Owner**

**Office Depot**

**Wyndham Garden Hotel**

**House+Earth**

**Buenos Aires Café**

**Wash Day Laundry**

**Organics By Gosh**

**Goodwill**

**Barr Mansion**

**Texas Mutual Insurance**

**Western States Fire  
Protection**

**Pearson**

**EnviroMedia**

**Whole Foods**

**Samsung**

**Dell**

**SXSW INC.**

**Rackspace**

**ROUND2 INC.**

**Press8**

**Shaw E&I**

**URS Corp.**

**CP&Y**

**Journeyman  
Construction**

# Public Launch

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- March Initial Outreach (enrollment opens)
- April Launch linked to GoGreen Conference 2012
- May → Rolling enrollment, recognition, training and advertising



# Program Goals

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- Outputs
  - 100 businesses recognized in 2012
- Outcomes
  - Quantifiable reductions
    - Energy
    - Water
    - Resource Recovery
    - Transportation
    - \$ Savings

# Conclusion

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- 1<sup>st</sup> Climate Action Summit – Late March
- Implementation of Climate Protection Plans
- Internal City Operations Sustainability Framework
- Austin Green Business Leaders Launch



**Zoe says  
Thank you!**

I'll be back in  
April