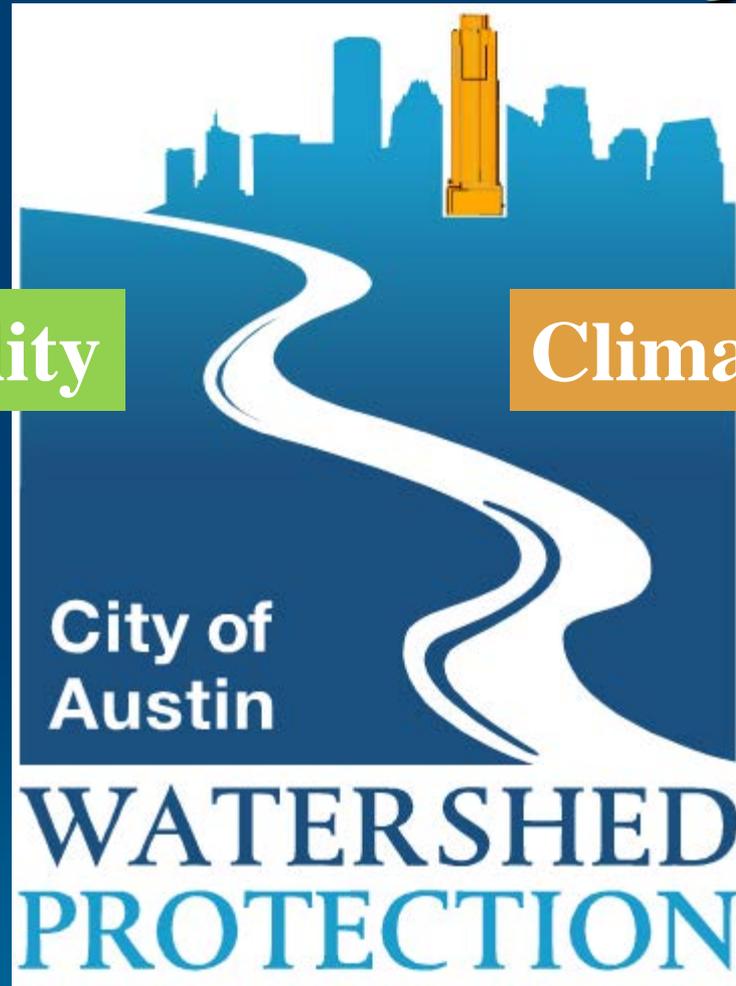


Zero Waste as a Gateway to Sustainability

Item 3a

Sustainability

Climate Protection



Education Through Activities

- Multimodal, Zero Waste
- Departmental Activities





Spring 2014

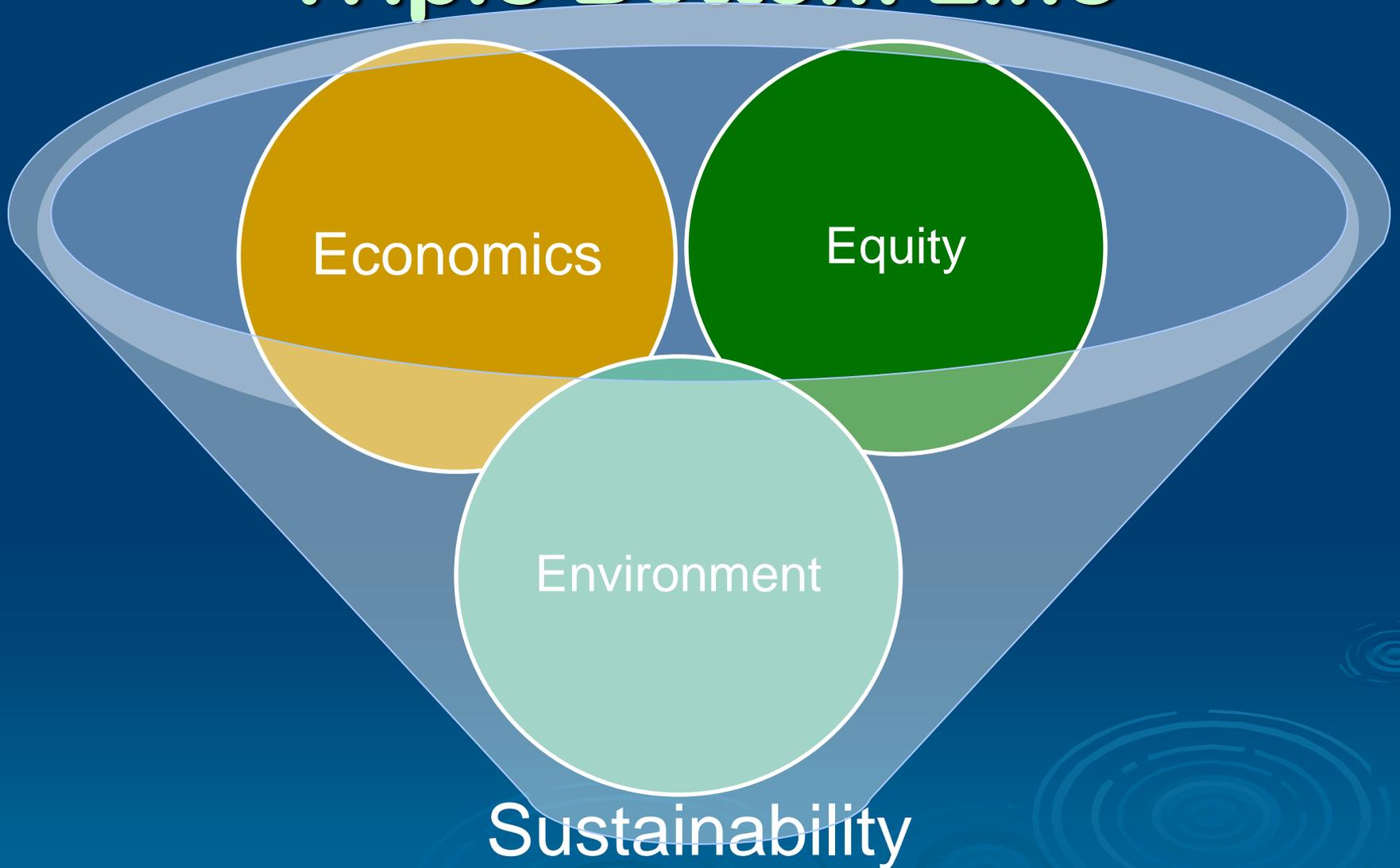


Spring 2014

What We'll Cover...

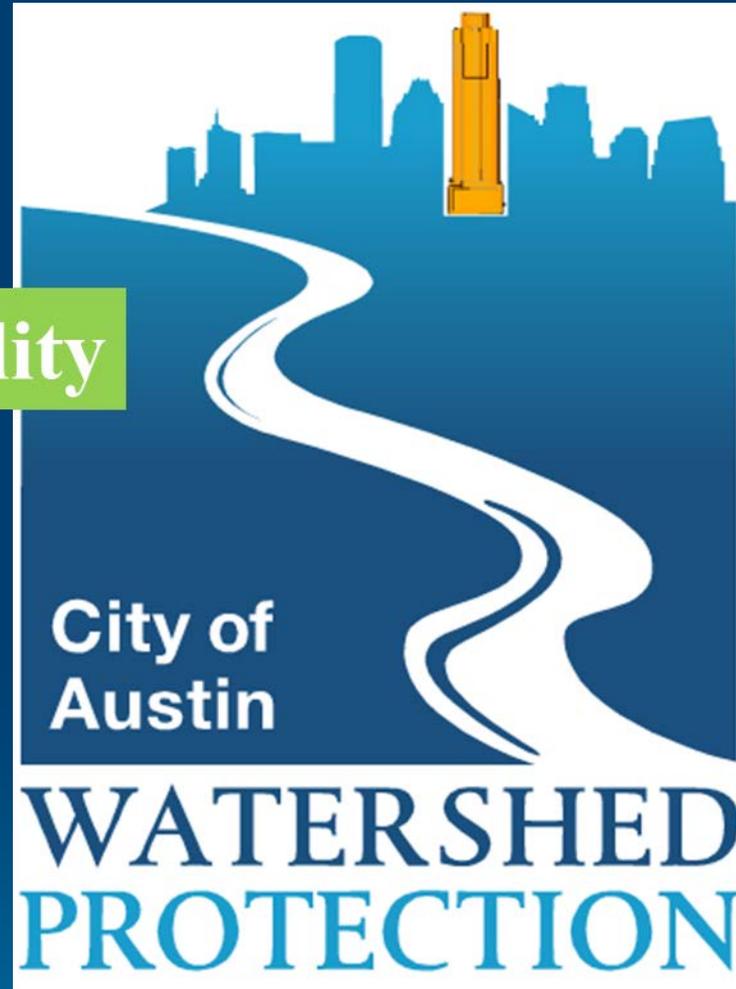
- Internal sustainability efforts within Watershed Protection.
 - What is measured and how.
 - Where we want to be.
- 

Triple Bottom Line



Sustainability

Sustainability



City of
Austin

**WATERSHED
PROTECTION**

State/Nation
/Planet
(350.org)

Community
(STAR
Communities)

Group
(GSTARS,
AGBL)

Personal
/Project
(LEED,
ENVISION,
Greenroads)



The **G**STARS Program

Government Sustainability **T**racking,
Assessment & **R**ating System

Sub-Categories

➤ Education & Research

- Education; Research

➤ Operations

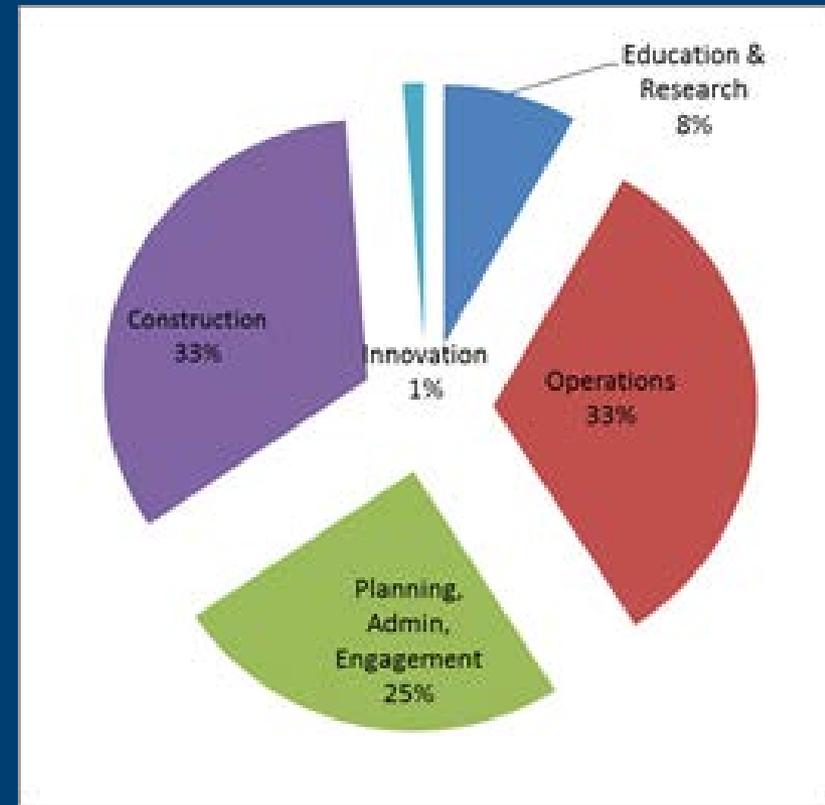
- Buildings; Climate; Food Serv.
- Energy; Grounds; Purchasing;
- Transportation; Waste; Water

➤ Planning, Administration & Engagement

- Coordination & Planning; Diversity and Affordability; Human Resources; Investment; Public Engagement

➤ Construction

- Project delivery with most environmentally-beneficial outcomes



GSTARS Approach

Each GSTARS credit was vetted using the following questions:

- ❑ Does the credit speak to improved environmental, social, and/or financial impacts?
- ❑ Is the credit relevant and meaningful for diverse institutions?
- ❑ If the credit is based on the presence of a strategy, is a performance-based indicator not available or appropriate?
- ❑ Is the credit measurable, objective, and actionable?

STARS Ratings

Rating Level	Minimum Score Required
GSTARS Bronze	25
GSTARS Silver	45
GSTARS Gold	65
GSTARS Platinum	85
GSTARS Reporter	For gov't units that wish to use GSTARS and submit data publicly but are not pursuing a rating

How Concerned Are We about Sustainability Issues?

- Over 85% “Concerned” in all 8 categories
- Highest: Water shortages at 99%
- Lowest: Climate Change at 85% .
Ranking same as from an international Nielsen survey; interest is trending down across globe and in US to 48%.
WPD is most like Singapore.
- Poverty: FOD (97% concerned) vs. ERM (79%)

Sustainable Topic Interests

- Top 3: lifestyle choices that can improve your life (71%), tips for the home (69%), and recycling (68%) .
- Top write in category: local food and gardening

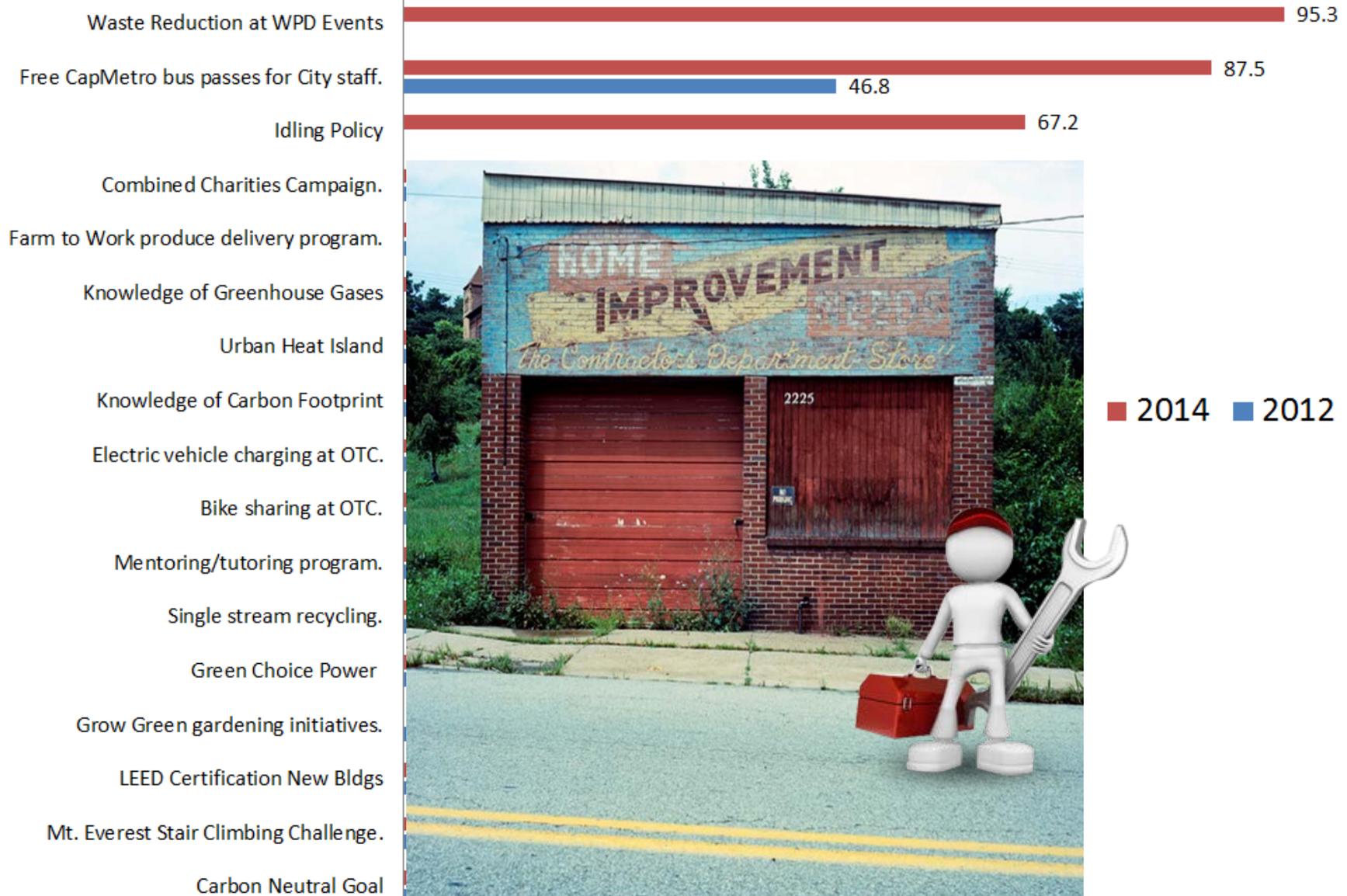
Survey Knowledge of City Sustainable Topics & Programs

Chart Area



Survey Knowledge of City Sustainable Topics & Programs

Chart Area



■ 2014 ■ 2012



Additional Activities

- Green Business Scorecard
- Lighting reduction
- Sustainability Team
- Beef-less events
- Envision review and training
- Pursuit of local carbon offsets

Keep batteries out of the trash

Now Watershed Protection

Department staff can recycle
work and home generated

batteries. This

includes all batteries (except
sealed lead acid batteries

more than 10 lbs),

of sizes AAA, AA, C, D, button
cell, 9 Volt, and all others,

both rechargeable and
single use. Protect the

environment and help
recover resources. And use

rechargeable batteries
whenever possible. They can

be used up to 800 times
before recycling.

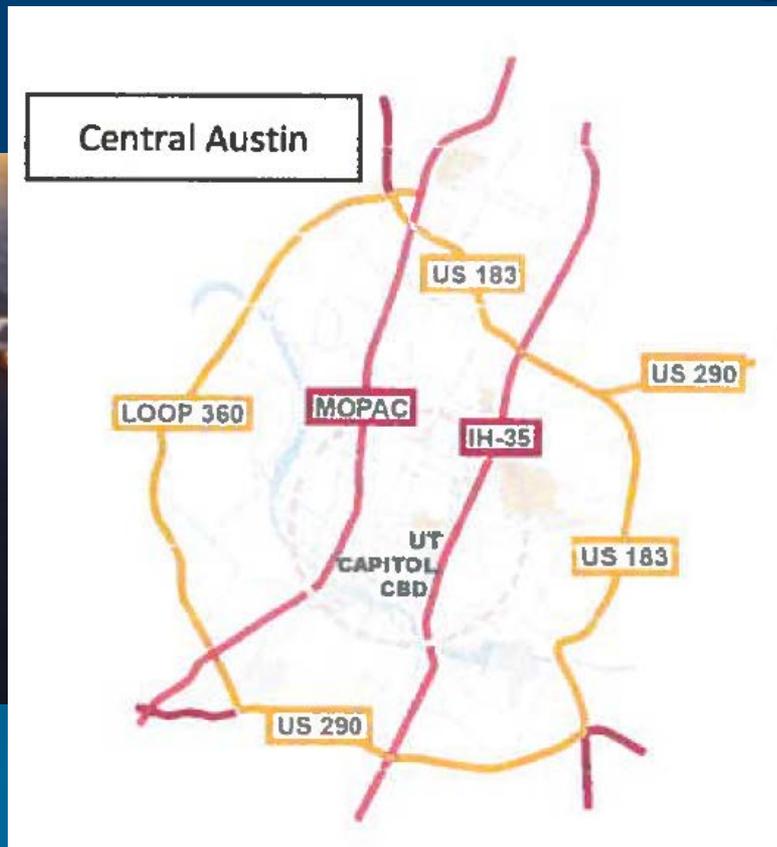
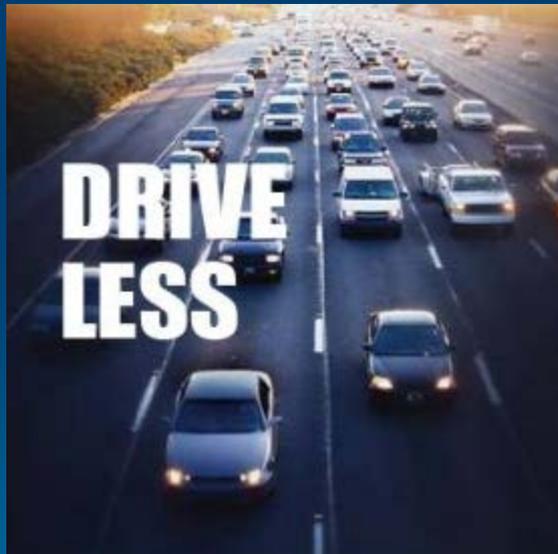
Bring your batteries to work for recycling.

Education in Workplace

- **New building to house Field Operations**
- **Alternative energy, low VOC materials, LEED elements, low flow fixtures & more**

Commute Reduction Plan

- Goal is to reduce peak commuting in the central business area by 20%.



Recent Success

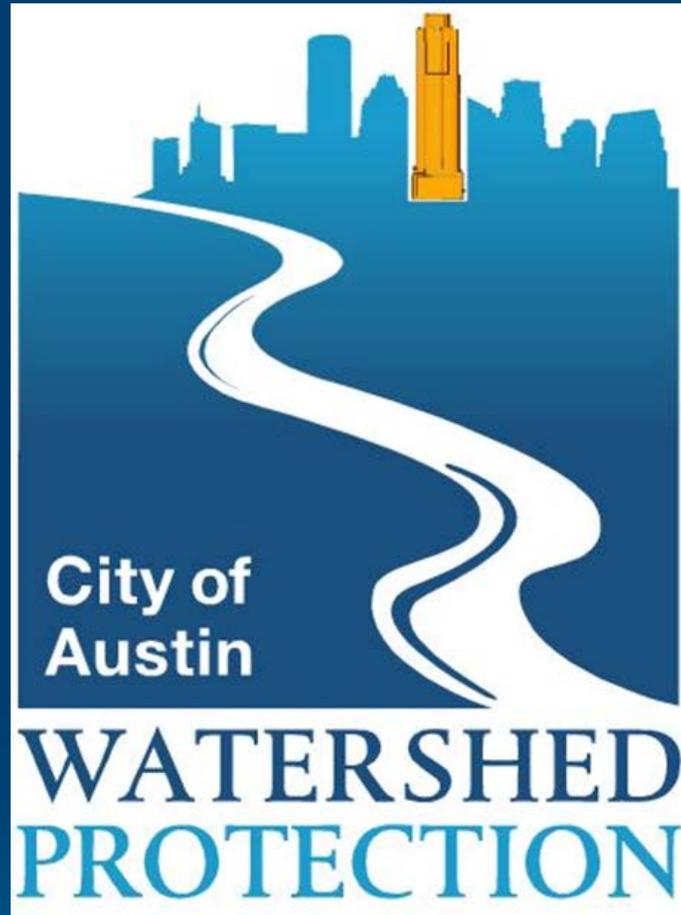
❖ Remember what we have already done

Department Name	Total Employees (Including temps)	Number of Employees using the telework code Feb 8th	Percentage of Participation	Total Hours worked from home	employees pledging to use an alternative commute	Percent Participation with alternative commutes & TLC	Total Hours worked alternatively
Watershed Protection	311	77	24.80%	519	160	76.2%	1896
Watershed Protection	248	137	55.20%	1062	2	56.0%	1112
Watershed Protection	71	36	50.70%	242.5	1	52.1%	296
Watershed Protection	4	2	50.00%	16	0	50.0%	16
Watershed Protection	40	18	45.00%	138.75	0	45.0%	144
Watershed Protection	106	44	41.50%	291.75	0	41.5%	352
Watershed Protection	18	7	38.90%	55.5	0	38.9%	56
Watershed Protection	32	12	37.50%	96	0	37.5%	96
Watershed Protection	53	18	34.00%	131.25	1	35.8%	152
Watershed Protection	32	10	31.30%	74	0	31.3%	80
Watershed Protection	82	24	29.30%	177.5	0	29.3%	192
Watershed Protection	190	40	21.10%	287	4	23.2%	352
Watershed Protection	26	6	23.10%	44	0	23.1%	48
Watershed Protection	59	10	16.90%	74	0	16.9%	80
Watershed Protection	334	34	10.20%	236.5	8	12.6%	336
Watershed Protection	161	18	11.20%	136	2	12.4%	160
Watershed Protection	1561	185	11.90%	1446.12	1	11.9%	1488
Watershed Protection	694	75	10.80%	507.25	1	11.0%	608
Watershed Protection	442	40	9.00%	308.5	8	10.9%	384

Watershed Protection led COA departments with 76% alternative commutes.

Remote Meetings

- Incorporate new SmartBoards
- Trained staff, developed SPOCS
- Rolled out for public New Rules meeting and Code Next meeting
- Enabled high participation in Work from Home Day in February 2013 (76%)



Questions?

