

GREEN BUSINESS DATA TRACKING SYSTEMS: THE END TO THE EXCEL NIGHTMARE

NOVEMBER 7, 2013



ABC
A BETTER CITY

ICLEI
Local
Governments
for Sustainability

USA

**WESTERN SUSTAINABILITY
& POLLUTION PREVENTION NETWORK**

Arizona • California • Hawaii • Nevada • Tribal Lands • Trust Territories



2013 NATIONAL SUMMIT ON GREEN BUSINESS ENGAGEMENT PROGRAMS



- Hosted by A Better City (ABC)
- 34 Participants
- Representing 30 programs nation wide



SUMMIT HIGHLIGHTS

- Identifying critical factors for program success
 - Funding
 - Performance Metrics
 - Evaluation
 - Utility Engagement
 - Programming
 - Recognition
- Desire for ongoing interaction
 - National network
 - Learning/sharing
 - National standards
 - Funding



GREEN BUSINESS ENGAGEMENT NATIONAL NETWORK (GBENN)

Mission: Facilitate sharing and relationship-building among green and/or sustainable business engagement programs across the U.S. in order to advance the national interests of such locally-focused approaches and spread effective practices.

Scope: National thinking and collaborating, but local action and uniqueness.

Leadership:

Co-facilitated by: A Better City and ICLEI



GREEN BUSINESS ENGAGEMENT NATIONAL NETWORK (GBENN)

- Leadership team – Core group from the summit, formed goals & purpose
- Webinar Working group – Collaborate on best practice webinars throughout the year
 - Research, survey, & select topics
 - Select speakers
 - Host presentations
- Membership Development Working Group
 - Coordinate new membership across green business engagement programs throughout the U.S.
 - Satisfy goals from mission through various activities
 - Research funding opportunities
 - Maintain communications tools (Chatter via SalesForce and LinkedIn group)





A BETTER CITY

CHALLENGE for SUSTAINABILITY

*Business and Institutional Leaders
Working Toward a Sustainable City*

- 100 facilities
- 28 million square feet of commercial real estate
- 70,000+ employees
- 4% average aggregated kWh annual savings

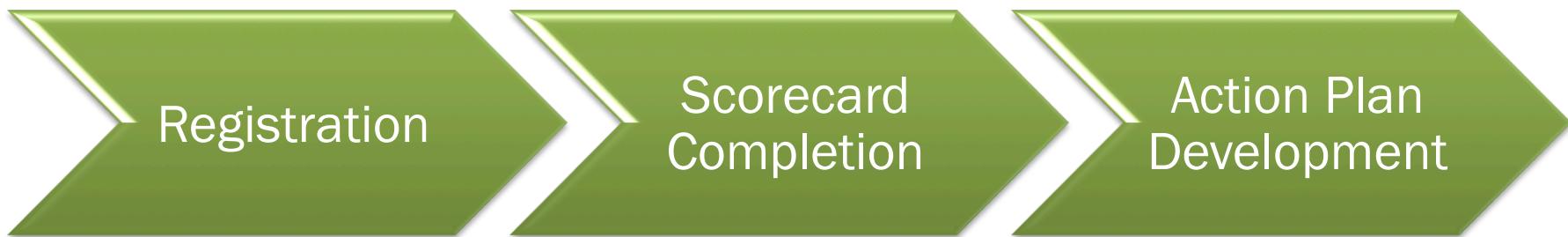


A BETTER CITY
**CHALLENGE for
SUSTAINABILITY**
*Business and Institutional Leaders
Working Toward a Sustainable City*



ABC'S CHALLENGE FOR SUSTAINABILITY SCORECARD

- Benchmarking & Data Collection
- 100% web based
- Each participant has their own username & password
- ABC relies on participants for the annual utility data



ENVIRONMENT

- [ABC TMA](#)
- [Challenge for Sustainability](#)
 - [About](#)
 - [Awards](#)
 - [Case Studies \(coming soon\)](#)
 - [Events & Meetings](#)
 - [Join The Challenge](#)
 - [Participating Businesses](#)
- [Green Ribbon Commission](#)
- [Toolkit for Sustainable Business](#)

CHALLENGE FOR SUSTAINABILITY

[Log out](#)[User Home](#)[Facility Home](#)[Admin Home](#)

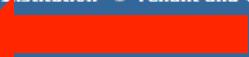
Please select a year from the table below to see the data you have entered for that year or enter a new year to provide data.

Year	Status	Last Update Date	Action
2008	In Process	6/22/2012 9:02:29 PM	View , Edit
2009	Approved	10/9/2012 4:15:30 PM	View , Edit , Select Final Recommendations
2010	Approved	2/22/2012 3:40:10 PM	View , Edit , Select Final Recommendations
2011	Approved	1/10/2012 2:18:16 PM	View , Edit , Select Final Recommendations , Action Plan
2012	Approved	1/22/2013 3:56:25 PM	View , Edit , Select Final Recommendations , Action Plan

Enter Data for another year:

● Tenant ● Building Owner ● Institution ● Tenant and Owner ● Retail

● Hotel ● Restaurant



Building/Facility Information

Building/Facility name: 33 Broad Street

Address: 33 Broad Street, 3rd Floor

City: Boston

Zip: 02109

Submitter's name: Megan Ramey

Submitter's email: mramey@abettercity.org

Square feet of space: 3557

Number of occupants: 10

Does facility have a cafeteria? No

Does facility have a parking garage or lot? No

Participant Statistics (please enter numbers only in this section)

● Energy Efficiency (27% of total score)

● Water Efficiency (3% of total score)

● Transportation (13% of total score)

● Waste Reduction & Management (10% of total score)

● Cleaning & Toxics (4% of total score)

● People and Culture (32% of total score)

● Purchasing (10% of total score)

● Renewable Energy (1% of total score)

● Other

Participant Statistics (please enter numbers only in this section)

Year (full calendar year of data): 2012

Annual kWh used: 12442

- Sub-metered
- Check-metered
- Not metered

Annual therms used: 2470

- Sub-metered
- Check-metered
- Not metered
- Not applicable

Annual gallons of oil used:

- Sub-metered
- Check-metered
- Not metered
- Not applicable

Annual cubic feet of water used: 7016 (gallons is 52483.32832)

- Sub-metered
- Check-metered
- Not metered

Annual lbs of steam used:

- Sub-metered
- Check-metered
- Not metered
- Not applicable

Annual tons of solid waste: 3

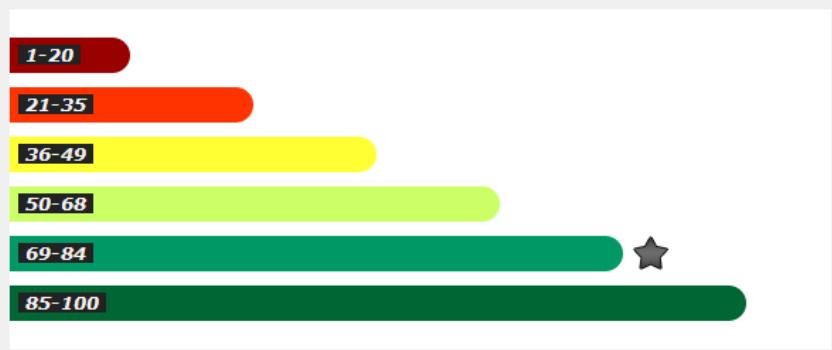
- Sub-metered
- Check-metered
- Not metered

- Sub-metered - we receive a separate bill directly from the utility or provider (NSTAR, National Grid, Veolia, Capital Paper, Save That Stuff, Boston Water & Sewer Commission, City of Cambridge, other)
- Check-metered - we receive a bill from your property manager
- Not metered - utility consumption is included in our rental payment

GHG
Emissions
Calculated
in metric
tons of CO2

Current Sustainability Score: 71

Your Sustainability Score is a number between zero (lowest) and 100 (highest), and it serves as a baseline and proxy for your facility's overall sustainability within ABC's Challenge for Sustainability. As a participant you will be asked to set an annual goal for increasing your score.



Please note that the maximum number of points you can earn does not equal 100 but is derived by dividing your total points by the total possible points for your facility type. In the event you marked N/A for an item its points were withdrawn from the total possible points. As well, total potential points are different for each type of facility (tenant, building, hotel, etc), so your score will not equal your point total.

Sustainability Scorecard Results

Below, check out the points you have received in each category of the Sustainability Scorecard to see where you are strong and where you can improve. Bonus points have been given for the innovative practices (if submitted) and for your participation in select voluntary partnership programs.

Sustainability Category	Points
Energy Efficiency	15/24
Water Efficiency	3/4
Transportation	5/11
Waste Reduction & Management	8/10
Cleaning & Toxics	0/3
People and Culture	20/32



- Scores are based on items submitted through scorecard *
- All scorecards must be approved by program administrators.

We pledge to work on and implement the recommendations selected below in order to increase our Sustainability

Score by: 10% increase ▼ You will need 6 points to reach your goal of 78%.

Select Your Sustainability Actions

Please select as many opportunities that can be accomplished this year. To select an opportunity check the box next to it. The more opportunities you select the easier it will be to reach your selected goal. When you are done choosing the opportunities you plan to implement this year, click the submit button at the bottom of the page. Upon review and approval by ABC your selected opportunities will be loaded into an Action Plan for your use and reference.

[Disable accordion](#) | [Enable accordion](#)

Energy Efficiency

Water Efficiency

Transportation

[Provide employee/tenant shuttle service](#)

Providing an employee/tenant shuttle service to transport employees and/or customers from transit hubs to worksites and back again will minimize drive alone commute trips. Most shuttle services operate on a set schedule and an established route to maximize ridership.

Impact on score: +1 point

[Use bio-fuels in fleet/shuttle vehicles](#)

Using bio-fuels or hybrid fleet/shuttle vehicles to avoid burning gasoline as a primary fuel source or augment gasoline with hybrid electric technology will achieve better fuel economy and lower emissions.

Impact on score: +1 point

[Use a green or environmentally friendly livery service](#)

Using a green or environmentally friendly livery service, whose fleet consists primarily or partially of alternative fuel, hybrid electric, or other "green" vehicles decreases air pollution and carbon emissions.

Impact on score: +1 point

- Participants choose their own goals.
- Items that are not currently in place, are selected by the participant. These are selected as attainable goals of the organization.

Your Action Plan

Your goal score is 78. You will need to earn 6 points to achieve this goal.

Recommendation	Person Responsible	Barriers to Completion	Status
<p>Use ENERGY STAR labeled laptops or PCs</p> <p>Impact on score: +1 point</p> <p><i>Notes:</i></p> <p>(e.g., John Smith)</p> <p><input type="checkbox"/> Cost <input type="checkbox"/> Time <input type="checkbox"/> Culture <input type="checkbox"/> Lack of Template <input type="checkbox"/> Other:</p> <p>Other Status: (e.g., 4/1/12)</p>			
<p>Inventory all electronics, equipment, and appliances along with respective ENERGY STAR ratings</p> <p>Impact on score: +1 point</p> <p><i>Notes:</i></p> <p>(e.g., John Smith)</p> <p><input type="checkbox"/> Cost <input type="checkbox"/> Time <input type="checkbox"/> Culture <input type="checkbox"/> Lack of Template <input type="checkbox"/> Other:</p> <p>Other Status:</p>			
<p>Install on street bike corral in parking spot</p>		<p><input type="checkbox"/> Cost <input type="checkbox"/> Time <input type="checkbox"/> Culture <input type="checkbox"/> Lack of Template</p> <p>Other Status:</p>	

- Action plans are accessible and editable online at all times.
- Person responsible, barriers to completion, status updates, and target completion dates are all categories that can be updated.



NEW DIRECTION

Current

- Score based on items submitted on scorecard
- 100+ potential items
- Score normalized out of 100
- GHG Emissions were *not* calculated into score

2014

- Score based on action items + GHG reductions
- 50% Score – Scorecard
- 50% Score – GHG reduction from a 2009 baseline



GHG REDUCTION SCORE

Scorecard Score	Points	GHG Reduction	Points
0-19	5	0-1.9%	5
20-29	10	2.0-3.9%	10
30-39	15	4.0-5.9%	15
40-49	20	6.0-8.5%	20
50-59	25	8.6-10.9%	25
60-69	30	11.0-13.9%	30
70-79	35	14.0-17.0%	35
80-89	40	17.1-20.5%	40
90-99	45	20.6-24.9%	45
100+	50	25%+	50

100 Points Possible





OLD SCORE VERSUS NEW SCORE

Old Score	Scorecard Points	GHG Reduction over 2 years	GHG Points	New Score
61	30	-3.8%	10	40
73	35	-26.5%	50	85
70	35	-11.3%	25	60
65	30	-8.7%	20	50
56	25	-10.2%	25	50
81	40	-7.8%	20	60
64	30	-13.2%	30	60
59	25	-.3%	5	30
74	35	-11.7%	30	65
54	35	+ 25%	0	35



THANK YOU

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