









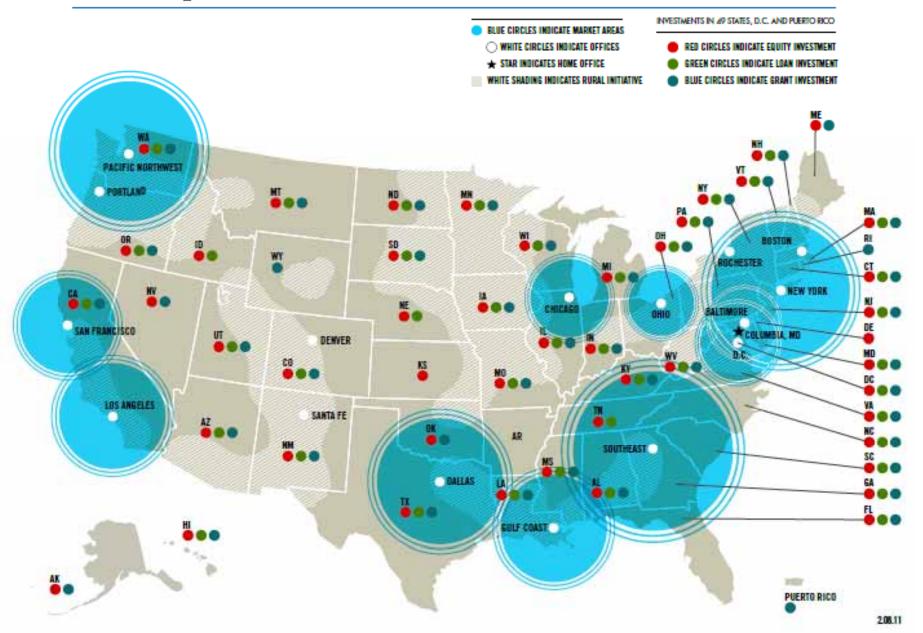




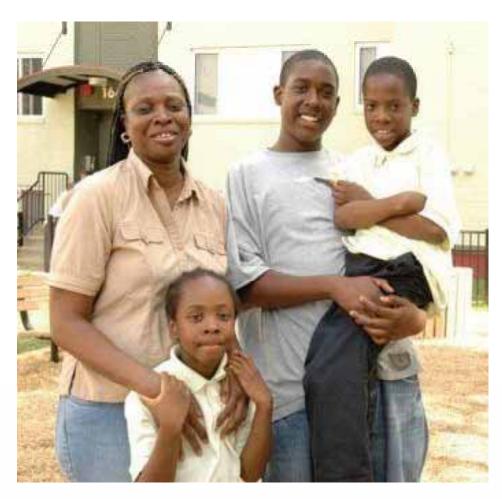


The Next Generation. For Every Generation.





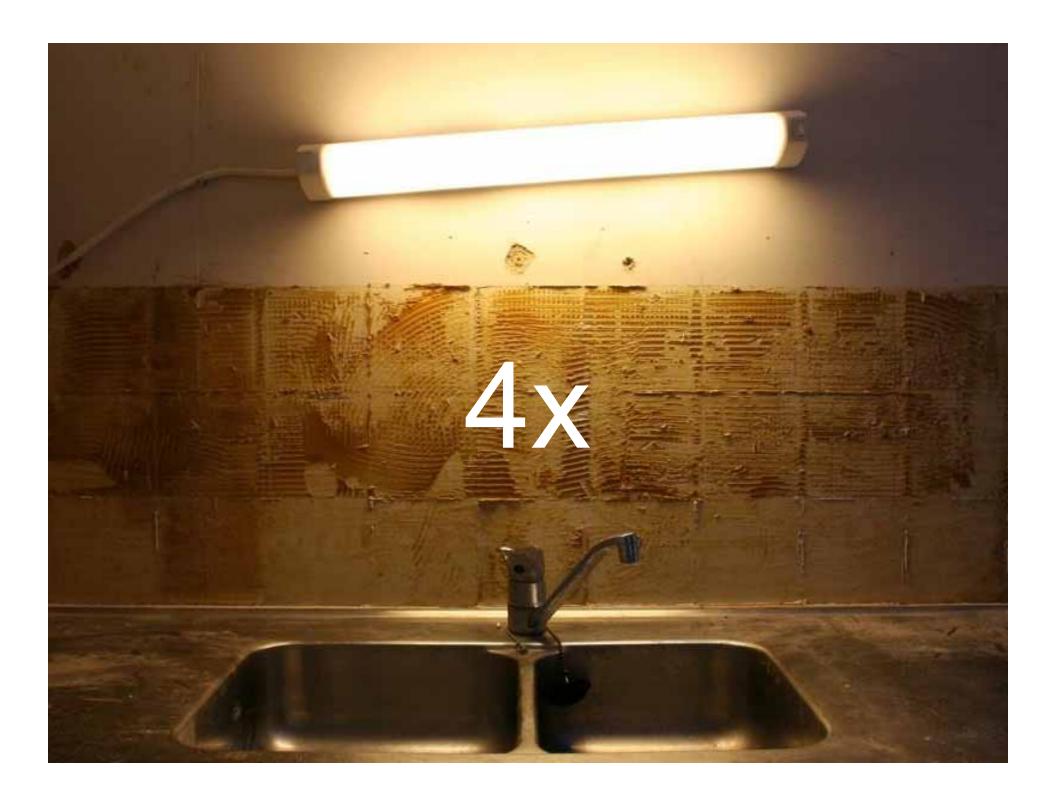
"When you face a problem, don't fight it – look beyond it. Figure out what would the situation be if everything worked. What would it be like if this problem did not exist? Find the solution. Then figure out how to get there."



In 2004, Enterprise launched Green Communities with a bold aspiration to prove that:

- Green affordable housing can deliver health, economic and environmental benefits to residents.
- Green and affordable can be one and the same.

http://www.youtube.com/watch?v=gcMNZuelyNI





http://www.youtube.com/watch?v=cU9YtNfaYbU



H+T Affordability Index

True Affordability and Location Efficiency



The Housing + Transportation Affordability Index is an innovative tool that measures the true affordability of housing based on its location.

Americans traditionally consider housing affordable if it costs 30 percent or less of their income. The Housing + Transportation Affordability Index, in contrast, offers the true cost of housing based on its location by measuring the transportation costs associated with place.





transportation costs made transparent

Abogo is a tool that lets you discover how transportation impacts the affordability and sustainability of where you

Sign up for Updates

\$4.25 /Gallon is Second to None

Last week we launched our Gas Slider, which allows you to discover how rising gas prices can affect the cost of transportation where you live. Over the next few months, we're going to look at how communities across the country are coping with the rising cost of gas, and how choices in where and how [...]

We hope you'll enjoy the Abogo Gas Slider, although what you discover may be painful: rising gas prices are going to affect the cost of transportation where you live and not in a positive way. Use this new tool to see what transportation would cost. a typically regional family at different gas prices. To use [...]

San Francisco: City by the

Enter an address to find out what a typical household would spend on transportation

Current Address: 311 south collington street, baltimore, md

Search

Slide the pump to see how rising gas prices affect the cost of transportation at this address.



\$4.00/gal

Transportation cost for an average household

\$674/month @

An increase of 18% over the cost in 2000.

Find ways to lower your transportation cost

💌 🗗 🖶 🛂 🚺 🦪 🕡







JUL THOUGH

Regional average: \$825

Regional average: 0.7 metric tons @

Transportation costs are based on 2000 gas prices



See how rising gas prices affect the cost of transportation.



WASHINGTON, Sept. 11, 2006

Does ZIP Code Affect Your Life Span?

Report: Location, Race, Income Play Big Role In Nation's Health Disparities

By Stephen W Smith

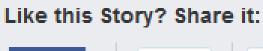






















(AP) Asian-American women living in Bergen County, N.J., lead the nation in longevity, typically reaching their 91st birthdays. Worst off are American Indian men in swaths of South Dakota, who die around age 58 — three decades sooner.

Where you live, combined with race and income, plays a huge role in the nation's health disparities — differences so stark that a report issued Monday contends it's as if there are eight separate Americas instead of one

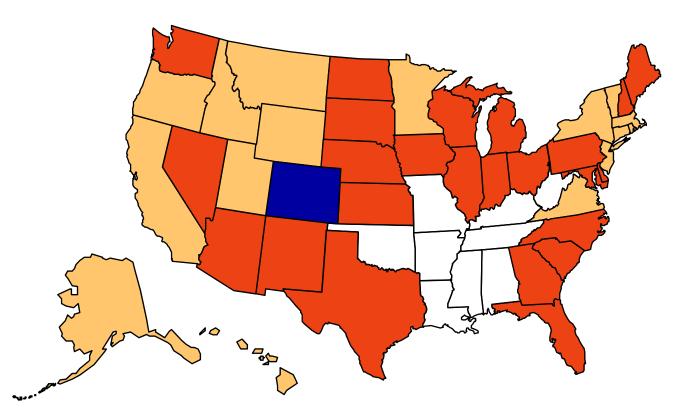
Millions of the worst-off Americans have life expectancies typical of developing countries, concluded Dr. Christopher Murray of the Harvard School of Public Health

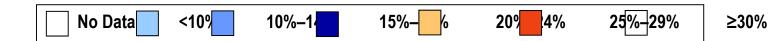
Asian-American women can expect to live 13 years longer than low-income black women in the rural South, for example. That's like comparing women in wealthy Japan to those in poverty-ridden Nicaragua

Compare those longest-living women to inner-city black men, and the life-expectancy gap is 21 years. That's similar to the lifeexpectancy gap between Iceland and Uzbekistan.

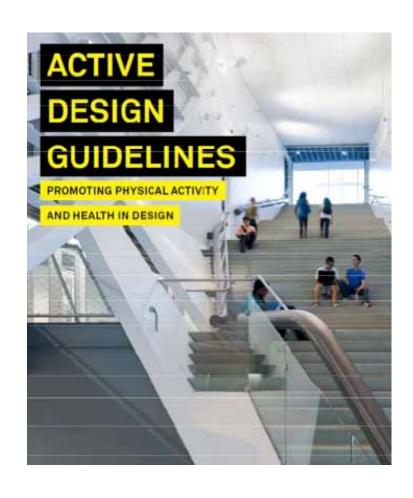
Obesity Trends* Among U.S. Adults BRFSS, 2009

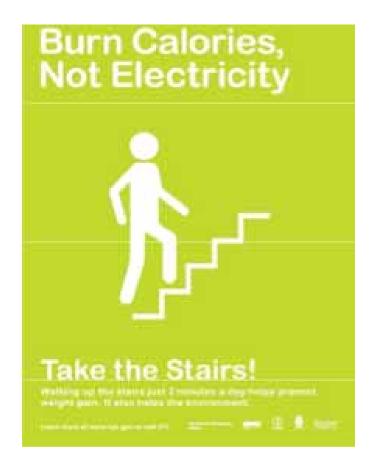
(*BMI ≥30, or ~ 30 lbs. overweight for 5′ 4″ person)





Health Promotion





Viking Terrace Before and After



Health Improvements

National Center for Healthy Housing

(NCHH) conducted a 3-year evaluation of residents to assess how green rehabilitation practices can <u>promote health</u>.

Results:

- Significant <u>improvements</u> in general adult health, chronic bronchitis, hay fever, sinusitis, and asthma.
- <u>Improvements</u> in children's general health, respiratory allergies, ear infections, comfort, and safety.





Viking Terrace, MN

Keeping Families Healthy



"All we've ever wanted was to be able to provide for our children. To give them a nice place to grow up. We can do that here . . . Since we moved here, we've all been so much healthier. Every day, I'm like, 'Thank you, thank you, thank you, thank you.' Living here has been so positive for my family."

Nicki Alhagi, Oleson Woods Resident Portland, OR

Symptom-free days

(in a 2 week period)

Old Home:

7.6 days

New Home:

12.4 days

Urgent Clinical Care Visits

(total number of unplanned visits for group in one year period)

Old Home:

61.8

New Home:

20.6

Caretaker Quality of Life

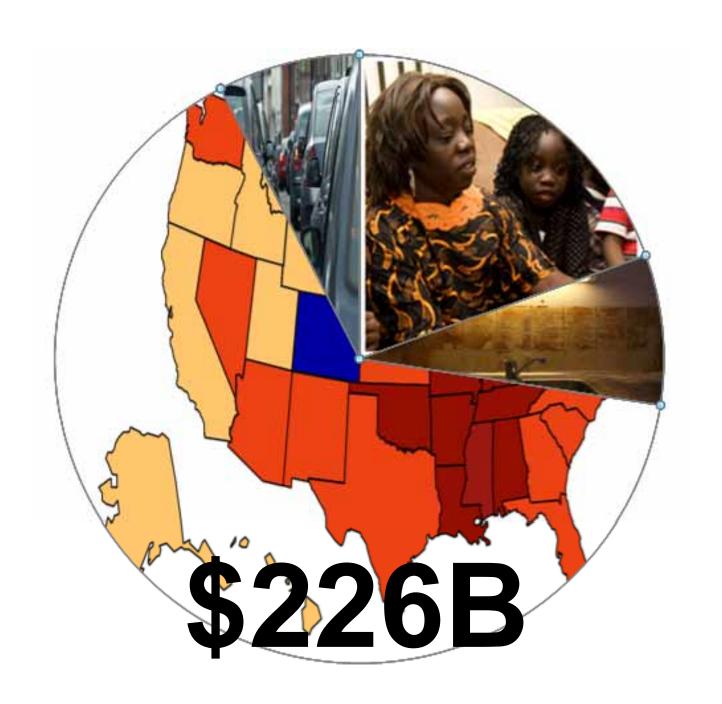
(on a scale of 1 to 10)

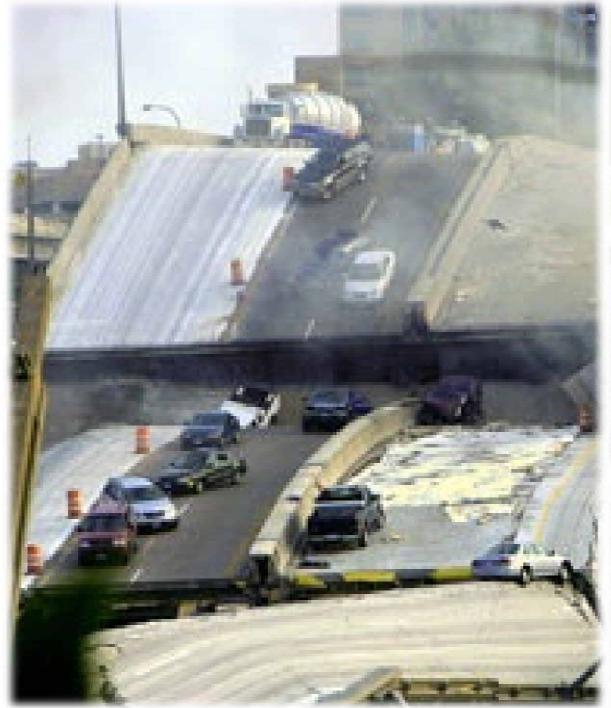
Old Home:

5.0

New Home:

5.8



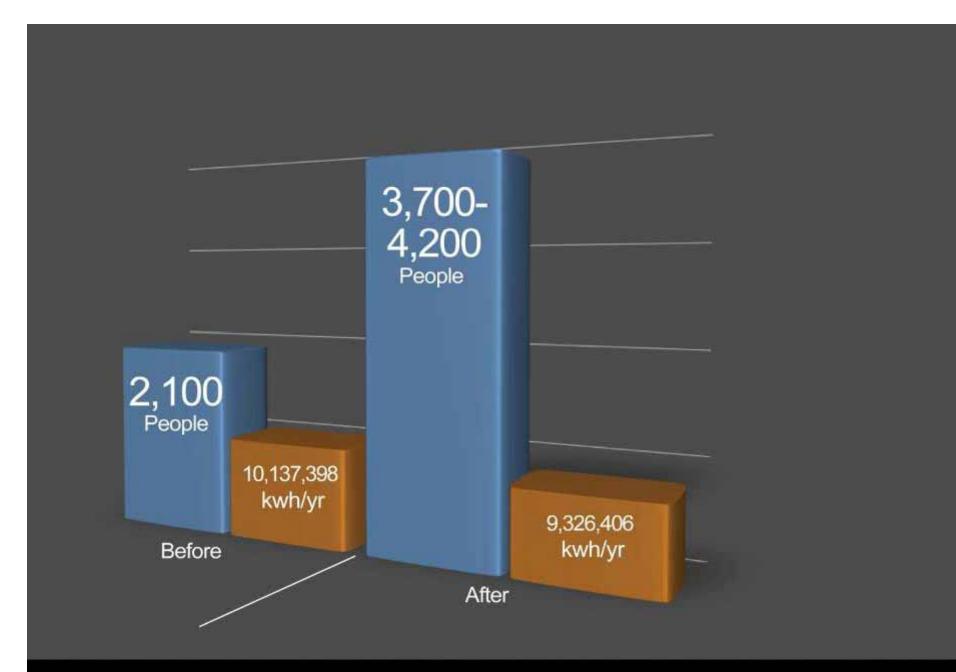












Neighborhood Energy Use More People - Less Energy

San Francisco Housing Authority's Hope SF Leadership Academy



Leadership Academy participants on a study tour of Lions Creek Crossing in Oakland, CA. Photo: SFHA

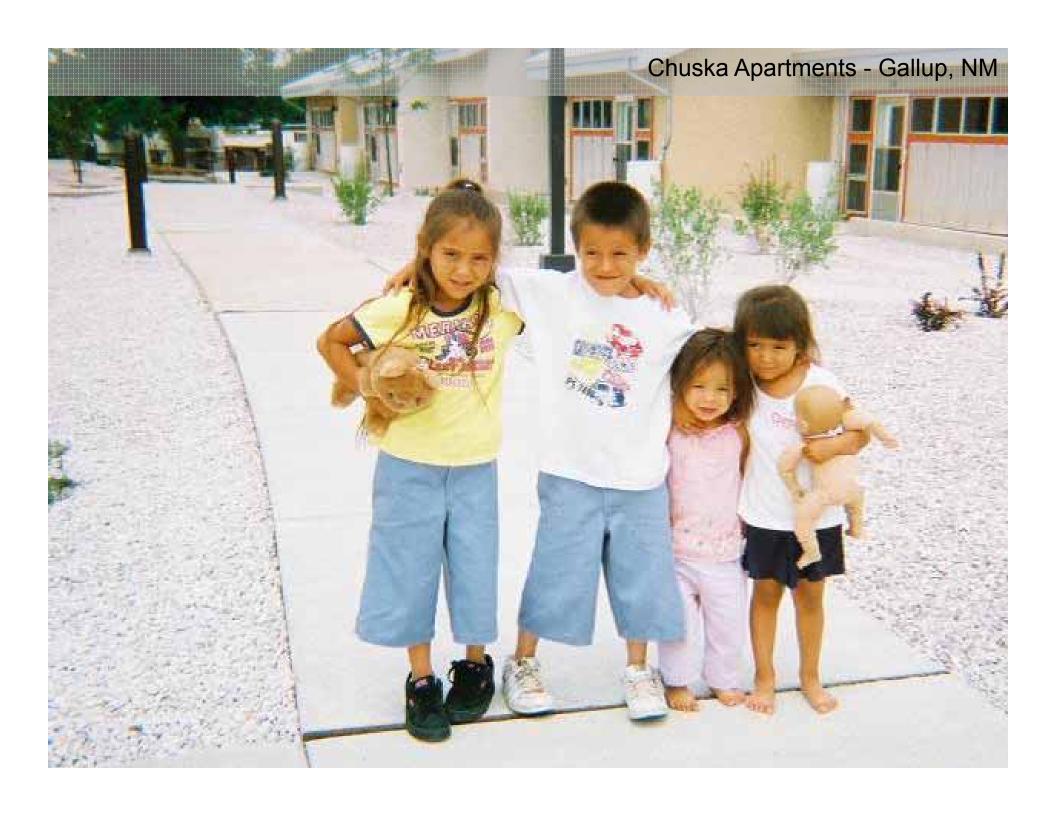
In 2007, the San Francisco Housing Authority (SFHA) began HOPE SF, a HOPE VI redevelopment of 1,149 units at five sites. SFHA also began a program to offer current residents the tools they need to participate in the redevelopment process and move toward self-sufficiency. However, residents invited to development meetings were often overwhelmed by the unfamiliar process and planning language.

To address this gap, HOPE SF now provides a Leadership Academy led by SFHA, with Enterprise Community Partners and

the San Francisco Mayor's Office of Housing. The program is open to any SFHA public housing resident over 18 years of age and living in a HOPE SF site. The Academy covers the housing re-











2011 Enterprise Green Communities Criteria



Self Help Community Services – New York, NY



Foundation Communities— Austin, TX



Aeon – Minneapolis, MN

Topic	Slides	Exercises	Video	Cards/Slides
Overview			REC	
Energy Conservation	TIAB	TIAB/REC	TIAB	REC
Water	TIAB	TIAB/REC	TIAB	REC
Healthy Living	TIAB	TIAB	TIAB	REC
IPM	TIAB	TIAB		
Transportation				
Cleaning	TIAB	TIAB/REC		
Moisture	TIAB			
Contaminants	TIAB	TIAB		
Food				
Waste/Recycling	TIAB	TIAB	TIAB	REC

TIAB - Training in a Box

REC - Resident Education Cards

GREEN & HEALTHY LIVING:

Resident Engagement Training in a Box



EASY IMPROVEMENTS FOR YOUR HOME WORKSHOPS

 Provide scalable resources to empower any stakeholder to disseminate Green and Healthy Living strategies amongst fellow residents

Delivered by:

- Property Managers
- Organizers/Social Service staff
- Engaged Residents



WORKSHOP	CONTENT	DURATION
THE DOY CONCEDUATION	PowerPoint slides	30 minutes
ENERGY CONSERVATION		30 minutes
	• Exercise 1: Reading a Utility Bill	
	• Discussion: How to Reduce Energy	
	• Exercise 2: WATT Do They Take?	
	• Video: How To Read A Utility Bill (Trainer resource and/or in class use)	
WATER CONSERVATION	PowerPoint slides	30 minutes
WATER CONSERVATION	Exercise 1: Discover Your Water Habits	30 minutes
	• Exercise 2: How Much Water Can I Save?	
	• Discussion: Water Saving Actions (Tenant & Property Owner)	
	Video: Test for Toilet Leaks (Trainer resource and/or in class use)	
	Video: Test for Toffet Leaks (Traffier resource and/or in class use)	
HEALTHY LIVING	PowerPoint slides	30 minutes
	• Exercise 1: Reading Home Product Labels	
	• Exercise 2: Make Your Own Green Cleaner	
	• Exercise 3: Asthma Breathing Through Straw	
	• Exercise 4: Pest True or False	
	Video: Breathing with Asthma Demonstration (Trainer resource)	
	, , ,	
WASTE & RECYCLING	PowerPoint slides	30 minutes
	* Exercise 1: Discover What You Can Recycle	
	* Discussion: Recycling Action Plan	
	 Video: What Can Be Recycled (Trainer resource and/or in class use) 	



· Presentation notes to

questions

Exercise prompts

aid possible follow-up

Activities

presentation

· Reinforce lessons from

Plus: Video demonstrations of Trainer-led activities

Example Trainer Notes



ENERGY CONSERVATION WORKSHOP SUMMARY

Workshop Summary This workshop introduces residents to energy conservation strategies they can use in their homes.

PowerPoint slides present an overview of energy use and conservation strategies for the home. Two exercises are provided:

Exercise 1: How Much Electricity Do I Use?

This exercise teaches residents how to read their utility bill. A video called "How To Read An Electricity Bill" is provided as a resource for you to explain how to read such a bill. It may also be used in class, at our discretion. As part of the exercise, residents plot their energy use on a chart and see how energy use varies from household to household and is influenced by the number of people in each household. The exercise also prompts residents to explore and discuss how they might reduce their energy use.

Exercise 2: WATT Do They Take?

This exercise guides residents through a discussion of the energy use of various household appliance. You are encouraged to begin with the slides and then use both exercises to spur discussion. You, as the Trainer, are encouraged to practice the exercises using the sample utility bills provided or to obtain local bills.

The PowerPoint calls out where each exercise should be conducted during the session.

Items Needed

ITEMS NEEDED

Included with TIAB:

- · Energy Conservation PowerPoint slides
- Energy Conservation Exercises 1 & 2
- Video (How To Read An Electricity Bill)
- Utility bills Trainers should encourage residents to bring their own bills for the bill reading exercise

Trainer to provide:

- Utility bills Trainers should provide one to use or use the sample bill provided (in the Energy Conservation workshop folder) ¹
- Energy conserving equipment (CFL Bulbs, Smart Surge Protectors, Kill-a-Watt meters) for residents to see/touch/feel during training ²
- Whiteboard or flip chart available to record resident responses during the exercises
- A sample bill is included in the Energy Conservation workshop folder if you are unable to obtain a locallyrelevant sample bill.

These materials, along with some items required for the Water Conservation workshop, can be purchased as a backage directly from EFI (www.EFI.org or 850-379-4121) for \$60 (including the Kill-a-Watt meter) or \$40 (without the Kill-a-Watt meter).

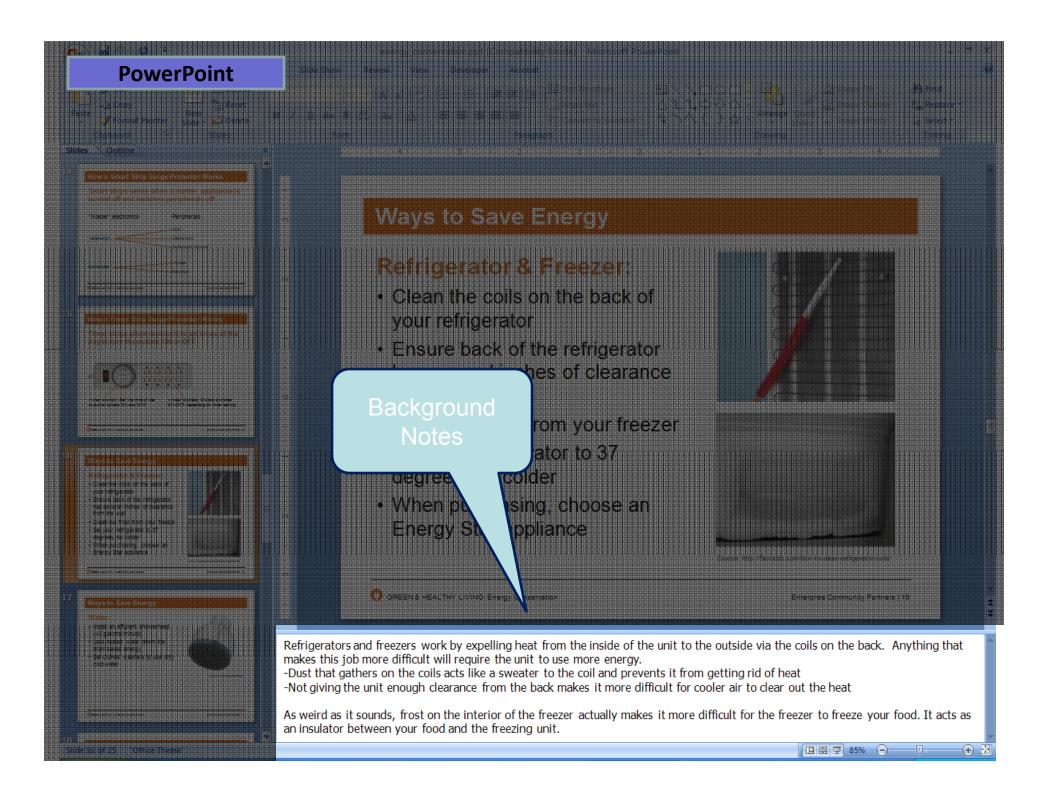
Example Trainer Notes (continued)

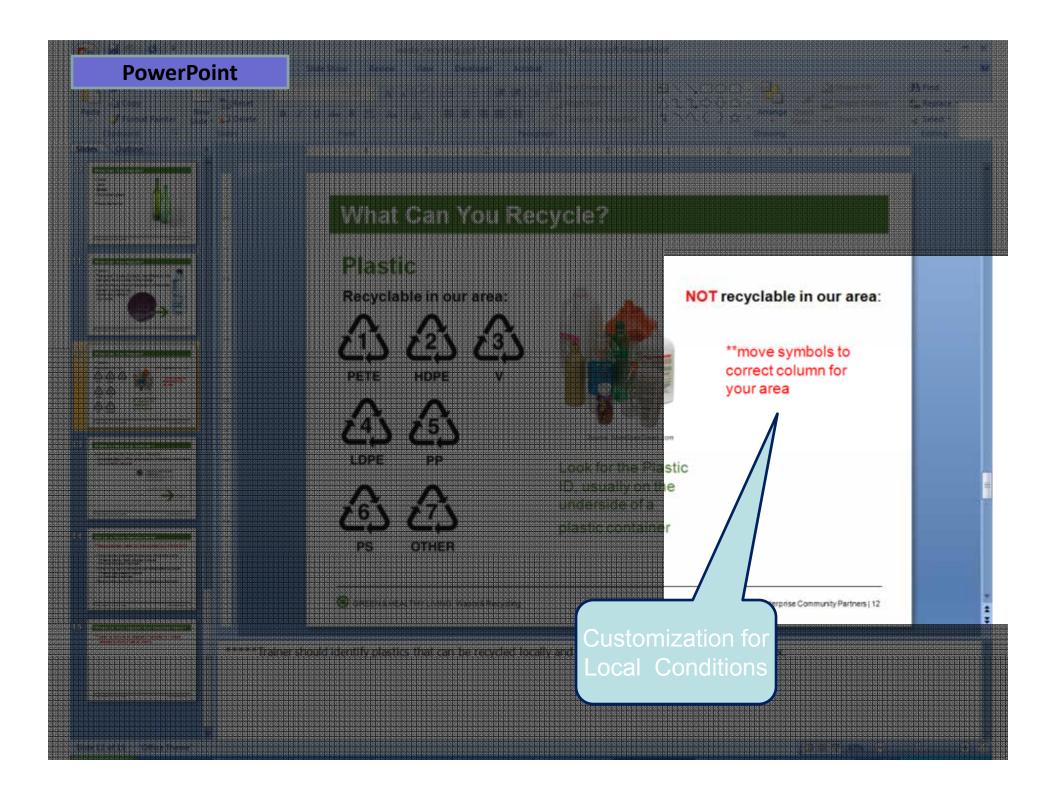


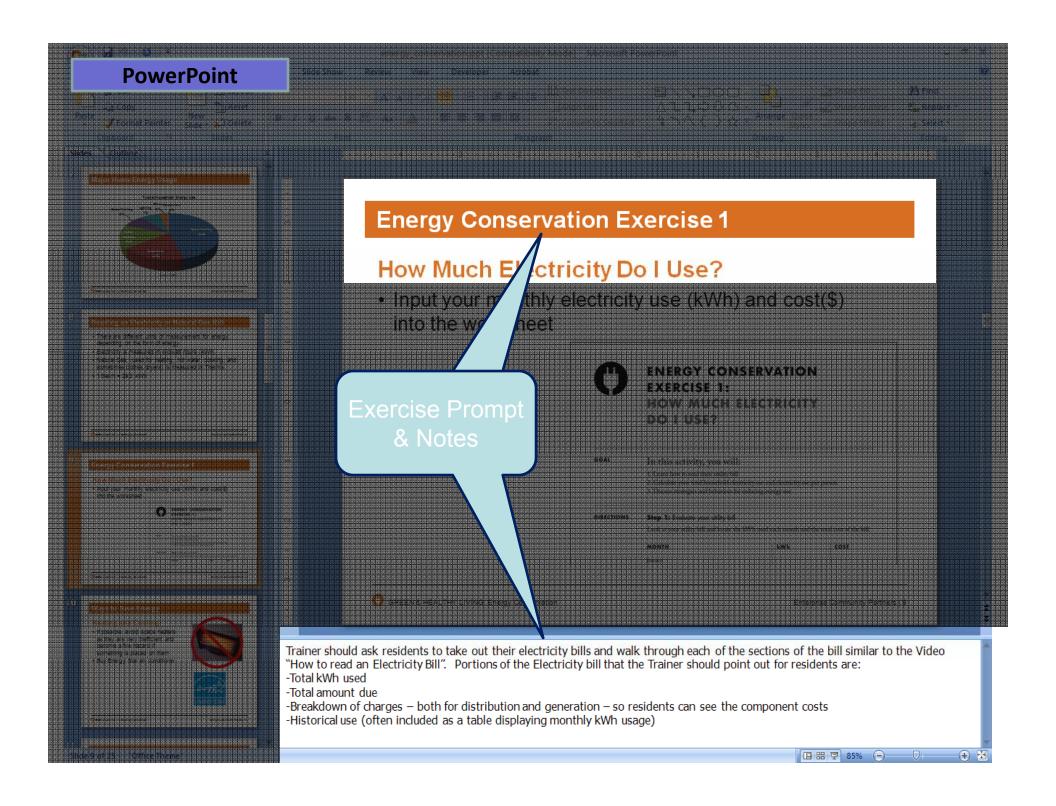
ENERGY CONSERVATION WORKSHOP AGENDA

30 minutes

Т	OPIC	DURATION	TEACHING METHOD	IN YOUR "BOX"	PREPARATION
genda	Overview	10 minutes	PowerPoint slides	• Energy Conservation PowerPoint	Review slides Procure energy conserving equipment to pass around
>1	Reading electricity bills	5 minutes	Discussion (or use video): How To Read An Electricity Bill	Video: How To Read An Electricity Bill Sample electricity bill	Review video and exercise, consider using local bills
	Electricity bills – what do residents use	10 minutes	Energy Conservation Exercise 1: How Much Electricity Do I Use? Discussion: Tenants share their electric usage and compare against peers	Energy Conservation Exercise 1 PDF	Review exercise Request tenants bring electricity bills Provide calculators, chalkboard or large paper to record informations
\	How to reduce nergy use	5 minutes	Energy Conservation Exercise 2: WATT Do They Take? End session with an example of a resident that implemented numerous saving measures (included in PowerPoint)	Energy Conservation Exercise 2 Excel file	You should be familiar with data in the Exercise to lead discussion Also, you should customize Exercise 2 with local electricity cost







- Each workshop can be presented individually
- Plan to dedicate 1-1.5 hours to familiarize oneself with workshop content
 - Subsequent workshop presentations will require less preparation
- Preparation:
 - 1. Review workshop Trainer Notes and Agenda
 - 2. Review workshop PowerPoint
 - 3. Review workshop video(s) that demonstrate how to teach some concepts
 - 4. Complete the workshop student exercises
 - 5. Update PowerPoint with local data
 - 6. Review the "Items Needed" section for supplies to have on hand during presentation



EXERCISE 2: HOW MUCH WATER CAN I SAVE BY CHANGING MY HABITS?

GOAL PREPARATION ACTIVITY

Have residents understand the water saving potentials of changes in habits.

Have each resident commit to at least two changes in habits.

- Distribute exercise sheets.
- Review the scoring system.
- Explain that you will provide them the correct answers so that they can fill in the "Correct Answer" column.
- Ask the residents to work in pairs or groups to share their initial results.



Note: Sample answers and an answer key are shown in the appendix as well as a table with water usage assumptions.

- Ask residents to take their best guess in selecting the water savings for each habit.
- Give the groups 5 minutes to complete the task and discuss it.
 Allow for some exchange.
- Ask residents: "What do you think is the biggest water using activity? Why?"
- Provide the correct answers and allow residents to fill these in the "Correct Answer" column.
- Ask each group or pair to talk again to identify 2 changes in habits for each person.
- Ask each group to add up the total savings they can expect per day and per month.

HOW MUCH WATER CAN I SAVE BY CHANGING MY HABITS?

GOAL

Understand the water saving potential of changes in habits.

DIRECTIONS

Step 1: Provide your best guess of how many gallons of water you might save.

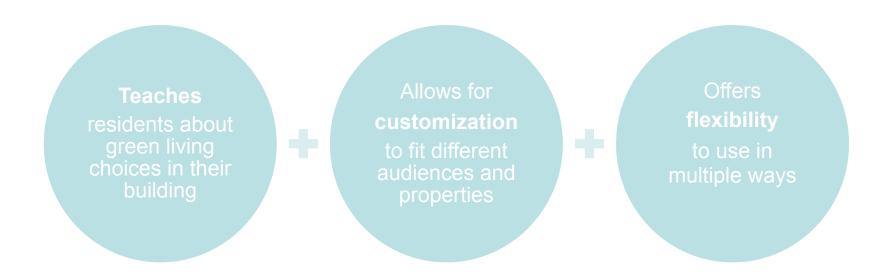
Circle the number of gallons you think would be saved each day with each practice.

The trainer will help you fill in the "Correct Answer" column at the end of the exercise.

WATER SAVING ACTION	GUESS GALLONS OF WATER SAVED PER DAY (circle your best guess)						CORRECT	
Shower time less than 5 minutes	1	4	ò	10	15	16	20)	20
Turn off water when brushing teeth	1	4	6	10	15	16	20	6
Use low flow showerhead	1	4	6	10	15	16	20	16
Turn water off for 2 minutes when shaving	1	4	6	10	15	16	20	4
Fill bathroom sink to wash face	1)4	6	10	15	16	20	1
Turn off water when washing dishes (Plug drain and fill sink to wash and rinse dishes or use dishwasher and run full.)	1	4	6	10	15	16	20	15
Report leaking totlet, repair happens	1	4	6	10	15	16	20	10

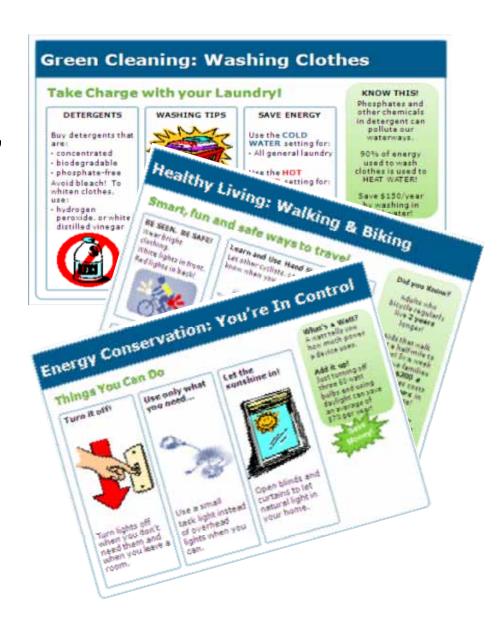
Resident Engagement cards

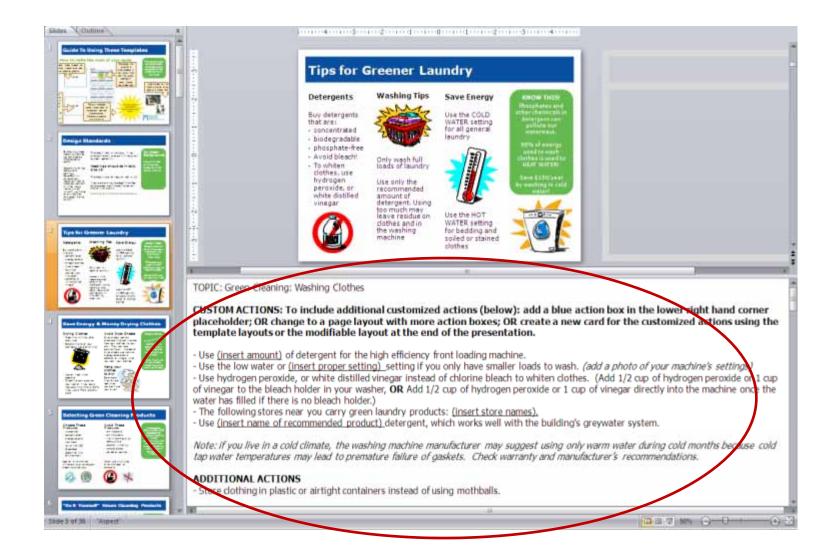
Create an educational tool that



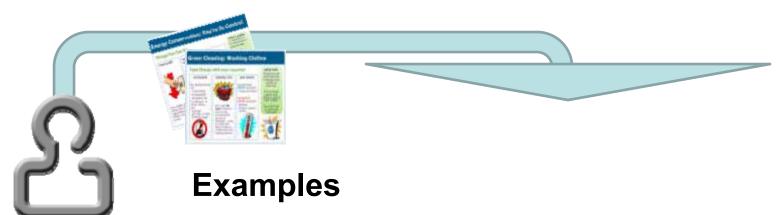
Product

- Set of electronic "Cards" in a Power Point format
- Potential end uses:
 - Power Point presentation
 - Printed signs
 - Flashcards
 - Bound as a resident handbook









- Logo, "look and feel"
- Smoking Policy
- Bedbug Policy
- Geographic or demographic related edits

Suburban location, Families



Urban location, Senior population



Urban location Transitional housing



Examples:

- Geographic considerations
- Resident demographic considerations
- Building specific information
- Local resources
- Resident engagement activities

Healthy and Safe Ways to Travel

Be Seen, Be Safe

Wear bright clothing. White lights in front, Red lights in back!



Learn and Use Hand Signals

Let other cyclists, cars and pedestrians know when you are turning and stopping.



Know the local bicycling laws!

Always wear a helmet

A good helmet:

- fits snugly around your chin
- covers the top part of your forehead
- is ANSI or ASTM certified



Did You Know?

Adults who bicycle regularly live 2 years longer!

Kids that walk just a half mile to school 3x a week can save families up to \$200 a year in gas costs and 27 hours in driving time!

Active children are more likely to becom

becom activ Starting

Get Healthier by Taking Public Transit

Bus fares are \$__insert cost__ and you can purchase passes __insert location of purchase points__.

Nearby bus routes include: __insert route numbers and bus stops __.

Bike + Bus Load your bike on the bus front racks to travel further with your bike. This slide requires customization.
See the notes section below

Walking, biking, and using mass transit reduces the number of cars on the road and the amount of fuel used for commuters

Plus, using transit saves you the cost of car ownership and gas!

Click icon to add picture



- Information that is relevant for your building, your city
- Presentation that speaks to your residents
- Platform for resident engagement activities and materials to motivate change!

- Tip sheet
- Video tutorial on using cards (4 min.)
- Image library
- Sample quizzes and answers
- Going Green' Video (6 min.)
 - Tips and actions for each category
 - "Pause points" for discussion

LINC Housing example

Amenities Near Pepperwood

Walk or bike to these services:

Explore the Pacific Electric Rail Trail

This paved flat biking and walking path can connect you to Central Park, Ellena Park, and other neighborhood amenities. There are over 5 miles of green and scenic trail to experience.

The nearest trail intersection is at Carnelian Street and Vinyard Ave.

Get a Healthy Snack

- •Fresh & Easy 8956 Foothill Blvd Open 8am-10pm
- •Albertsons 8850 Foothill Blvd Open 5am-1am



Play At The Park

- •Red Hill Community Park 7484 Vineyard Ave
- •Bear Gulch Park and Playground 9094 Arrow Hwy
- •Central Park and Playground 11200 Base Line Road

Using nearby resources minimizes the impact of transportation, helps you live a healthier lifestyle, and keeps dollars in the local community.





Help LINC Save Energy and Water

Things You Can Do

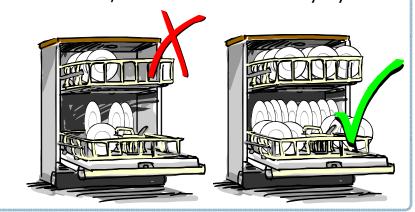
Shower Quickly!

Take shorter showers (5-10 minutes!)



If you have a dishwasher:

Run only full loads of dishes in the dishwasher, and turn OFF the dry cycle!



Save Time, Water, Energy, and Money!

Do you take 20-minute showers?

Cut showers to 10 minutes:

We'll save up to 25 gallons of water PER shower!!

Cut showers to 5 minutes:

We'll save up to 38 gallons of water PER shower!

This totals up to: 10,000 gallons/year!







If you hand wash dishes: keep the water off while you soap up!



Green Features In Your Building

Pepperwood's Energy Improvements



dual-paned windows keep your apartment more comfortable all year long

low-flow toilets and showerheads save water



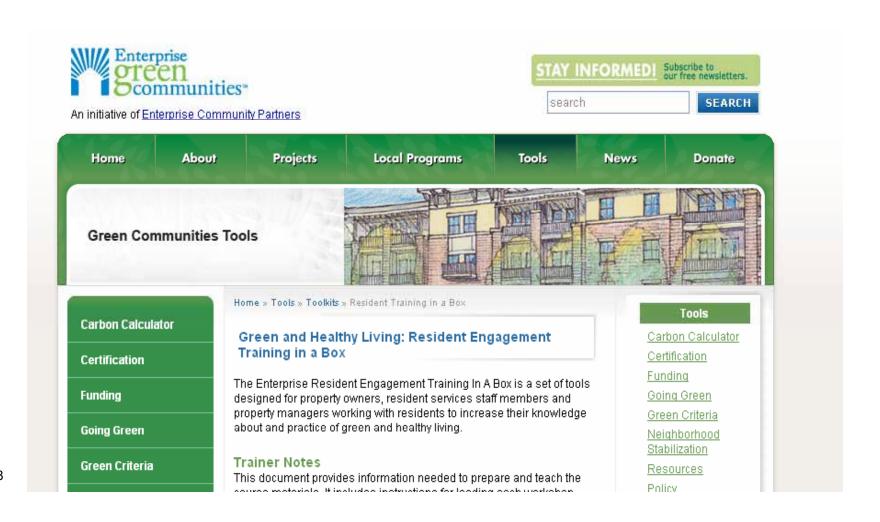
Energy Star rated water heaters and other appliances use less energy than other models



Have you noticed all the energy and water efficient things around your apartment?



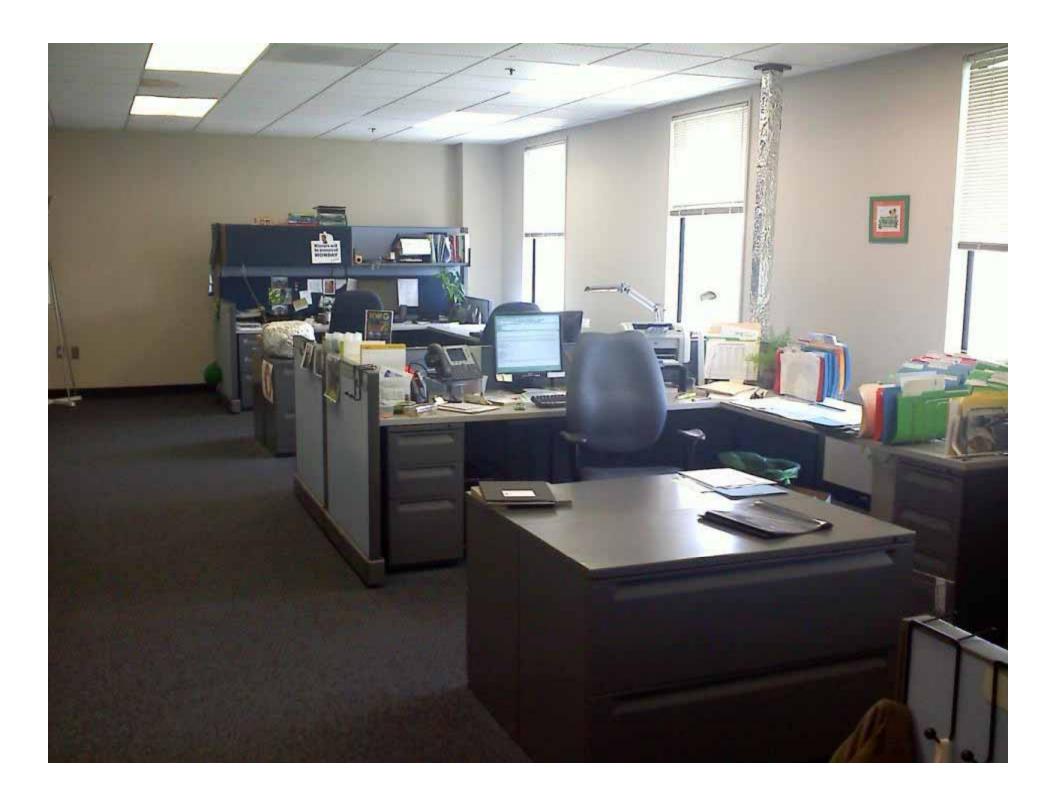
www.greencommunitiesonline.org/tools/toolkits/



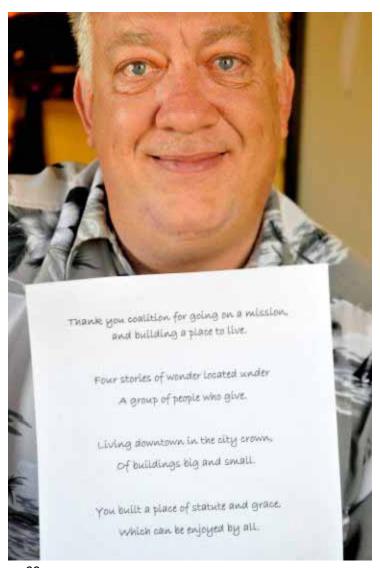
- Online application process through Enterprise
- For affordable housing developers and building owners,
 Grant Awards of \$5,000
- Goals:
 - Design and distribution of a resident and/or building maintenance manual OR
 - Development and implementation of a training curriculum for residents and/or building maintenance staff

For more information, see: www.greencommunitiesonline.org/tools/funding/grants/sustainability/









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