

transforming
the
built
environment



LEED for Homes



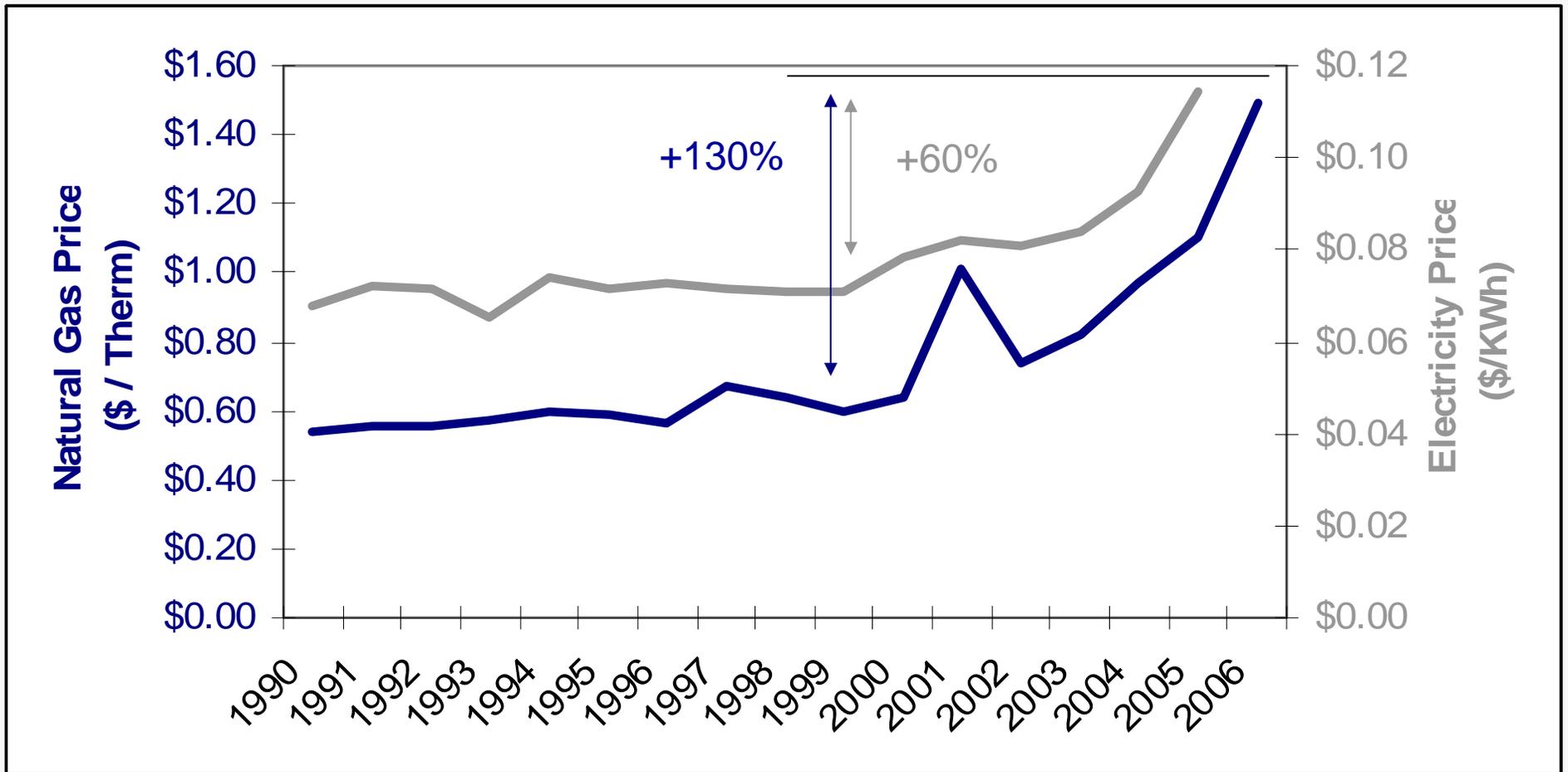
Overview

1. Why LEED for Homes?
2. Overview of Pilot
3. Overview of LEED Credits
4. Step by Step Participation Process
5. Cost of LEED Homes
6. National Roll-Out Plans

An aerial photograph of a suburban residential neighborhood. The houses are arranged in neat rows, separated by a central road that curves through the middle. The roofs are mostly light-colored, and there are some swimming pools visible in the backyards. The overall scene is a typical suburban development.

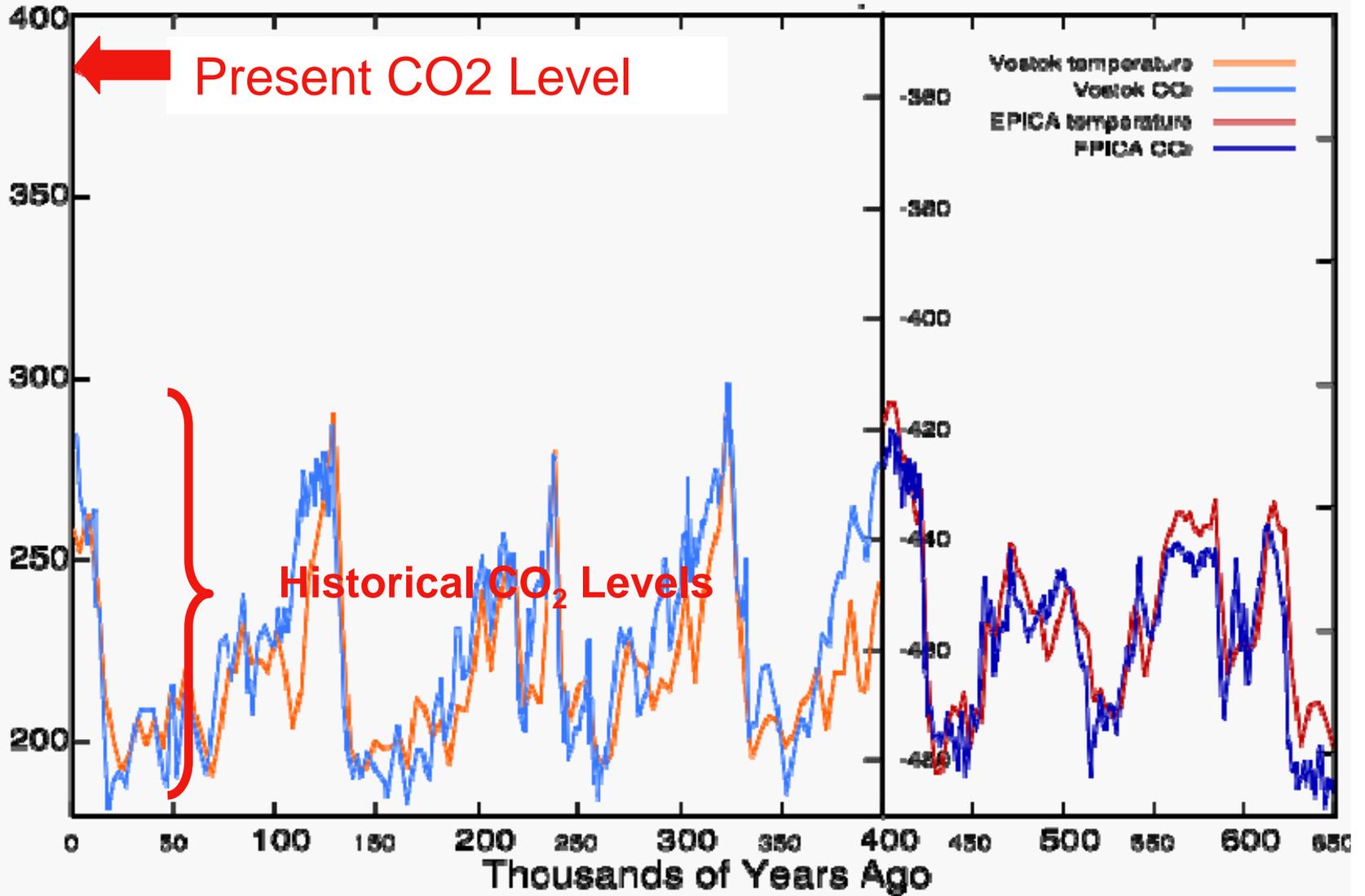
The Perfect Storm?

Rising Energy Prices



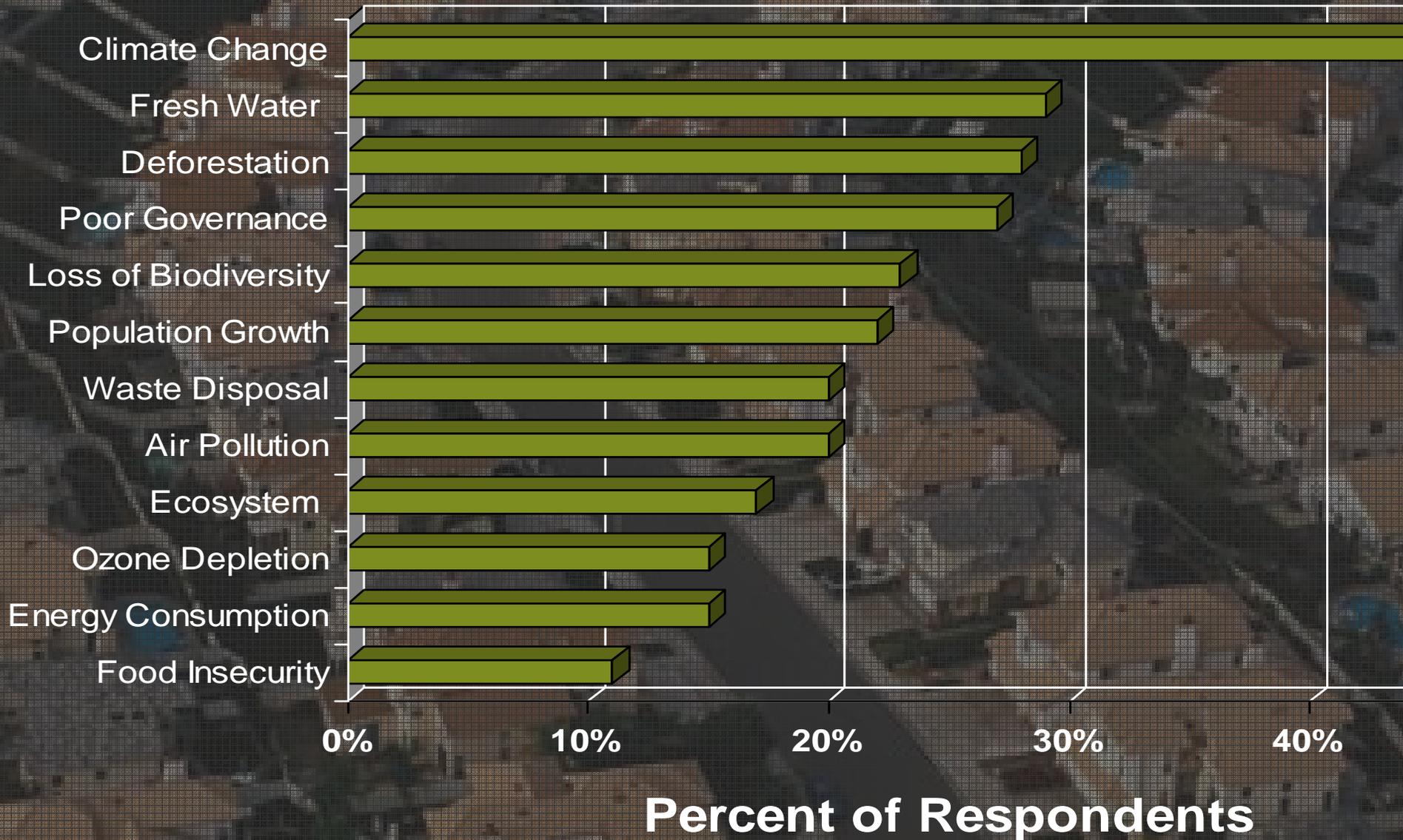
The CO₂ Record

CO₂
Levels
(PPM)



Major Environmental Imperatives

Source: UNEP Survey of 200 Scientists in 50 Countries



■ A Challenge:

- Is climate change a threat?
- Are humans a contributing factor?
- Are homes a contributing factor?
- Are there other environmental imperatives?
- Do home designs need to be improved?
- When do these changes need to happen?

If not now, when?

If not you, who?

The Home Building Industry's View



2006: 50% of builders “are focusing their attention on green building issues”

2007: 50% of new homes will be green homes by 2010

“It’s the right thing to do”

What are Green Homes?



Builder A



Builder B



Builder C



Perception

Reality



Reality



Reality

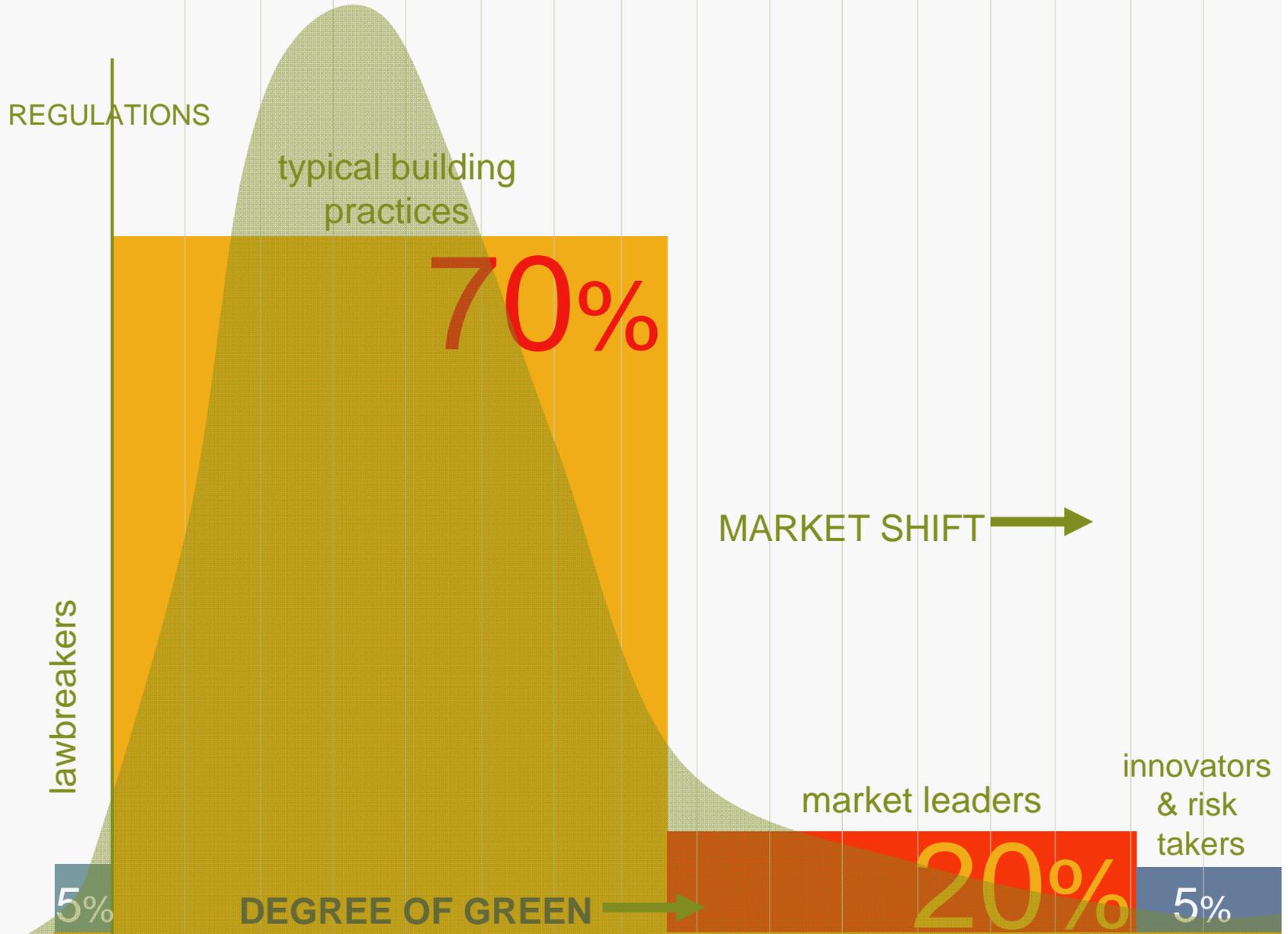


Why Build Green Homes?

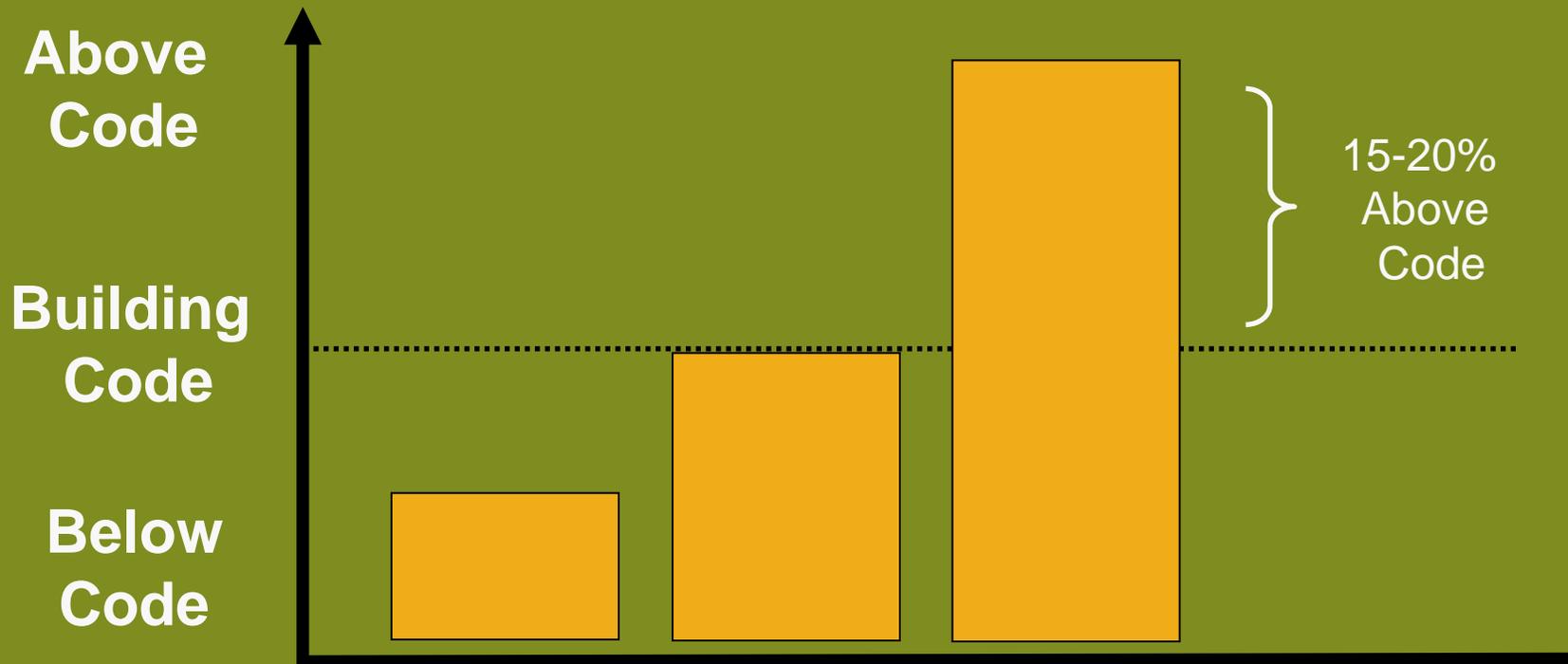
Builders Want To Differentiate Their Homes in the Market, in Terms of:

- 1. High Performance**
- 2. High Quality (?)**

Varying Performance Levels



What is a Above Code Performance?

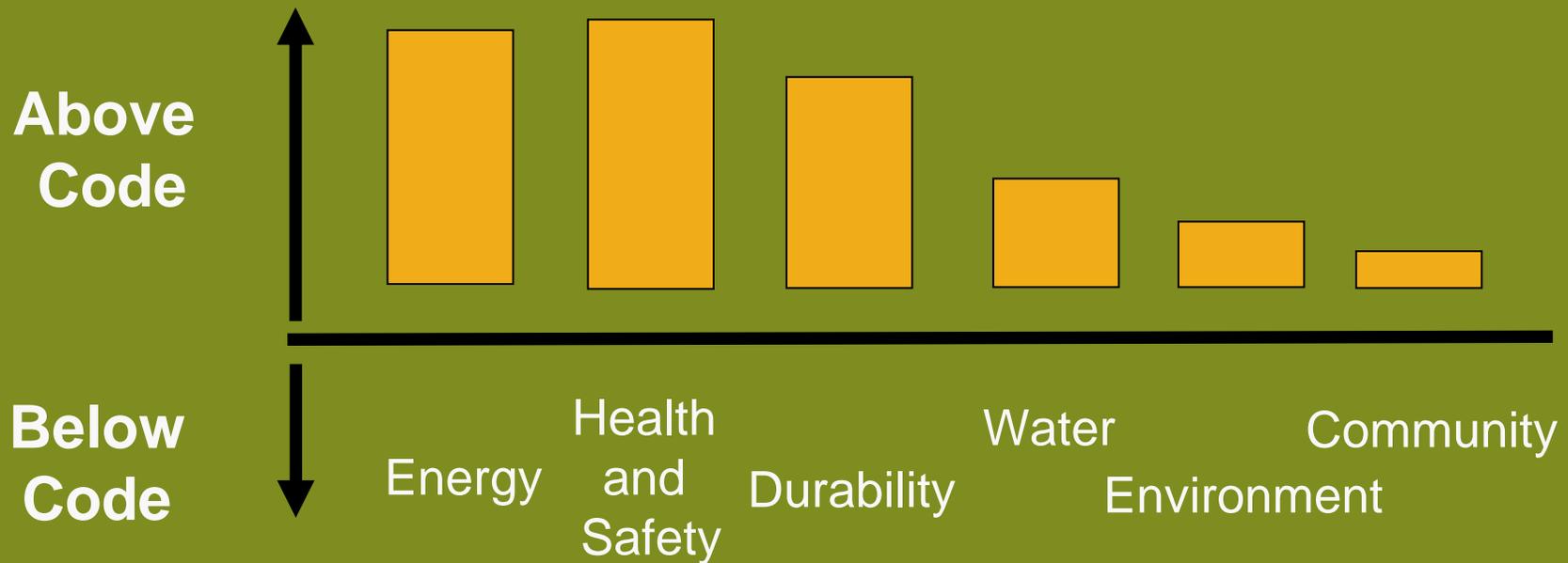


Typical
Older
Home

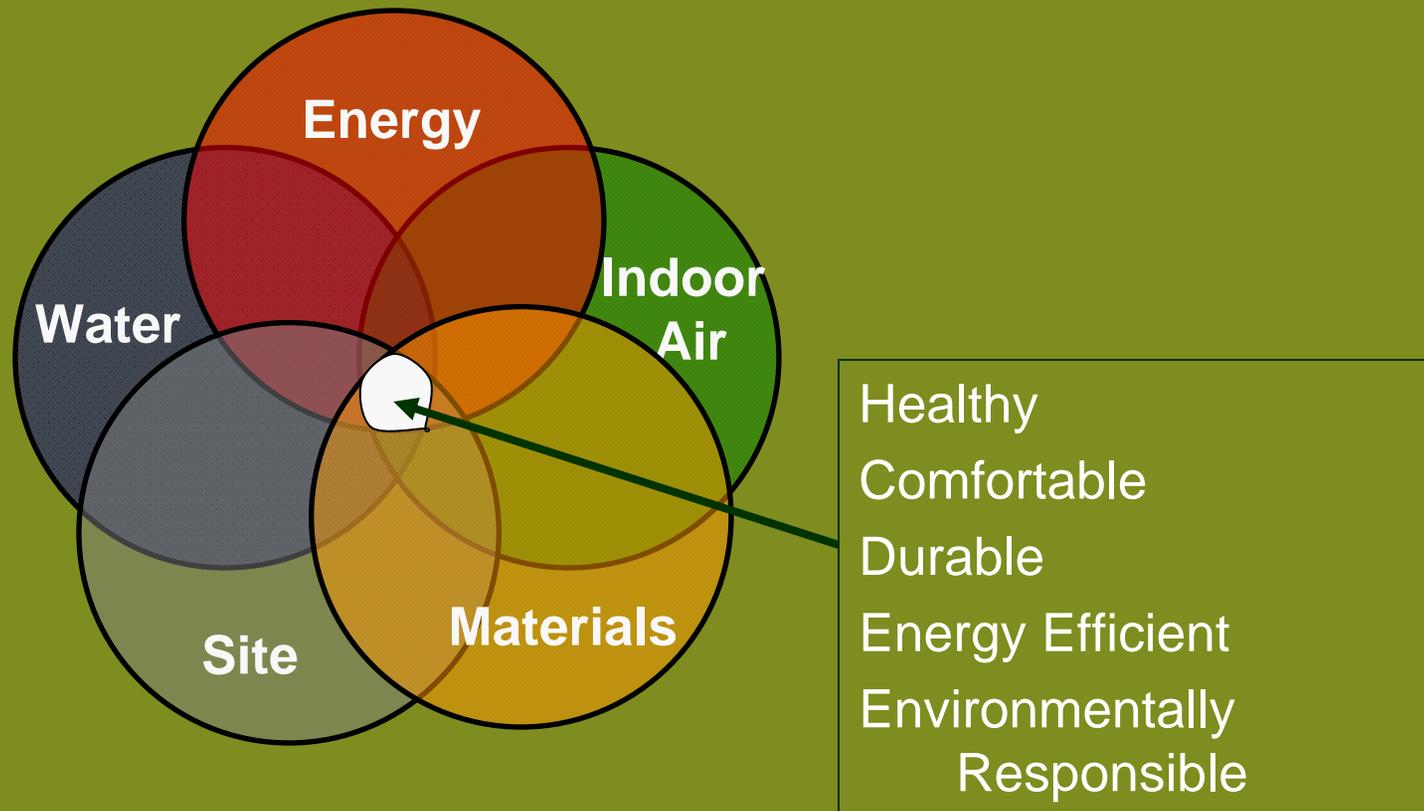
Typical
New
Home



What is High Performance?



How Does LEED Define a Green Home?



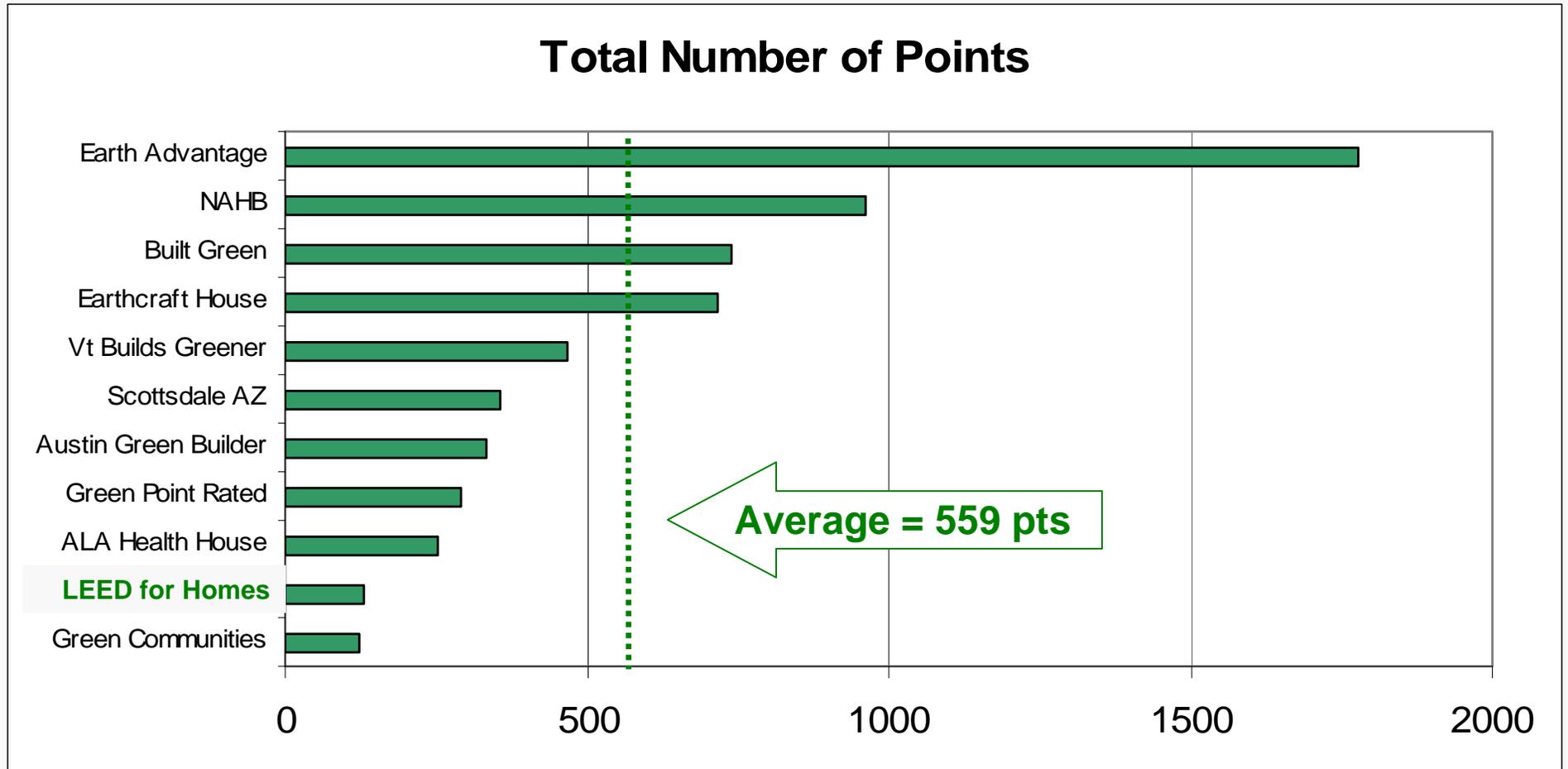
How to Choose a Program?

1. What level of performance is desired?
2. Is it cost effective?
3. Is it delivered consistently?
(The Brand Promise)

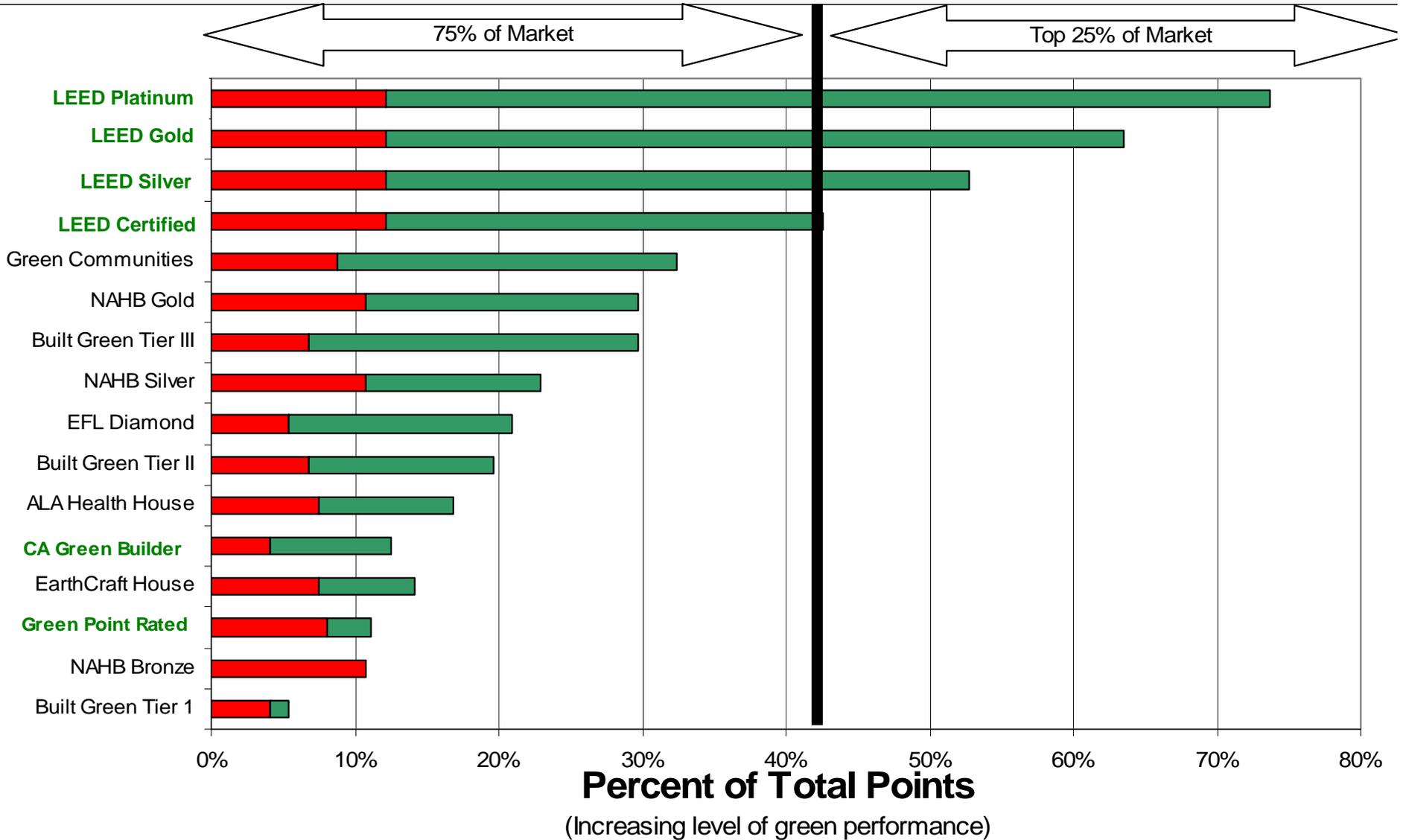
Green Home Building Programs

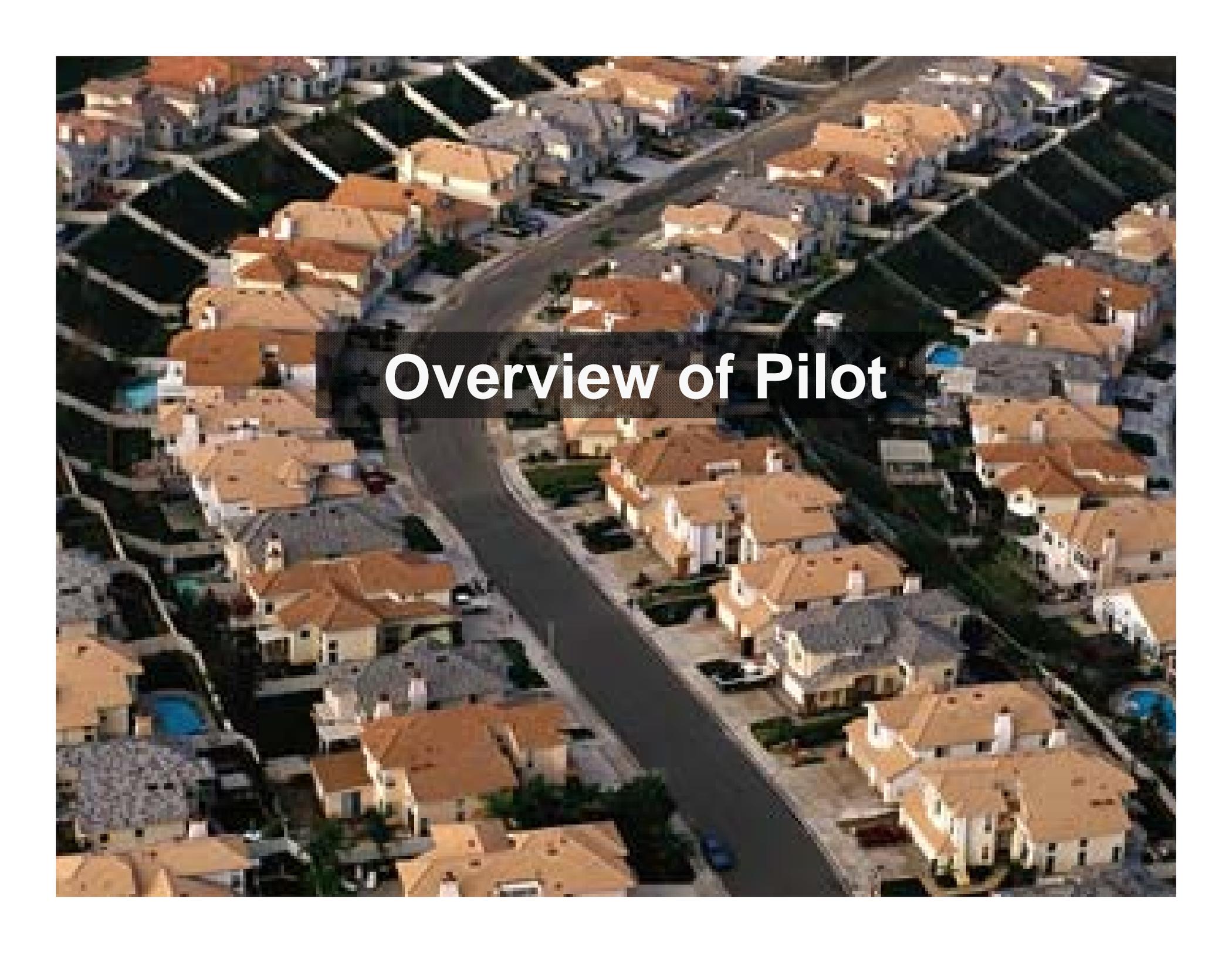
Alaska Craftsman Home Program, Inc. (ACHP)
APS Performance Built Homes™
Aspen Efficient Building Program
Build It Green/ Green Building Program
Build Green Washington
Build It Green/GreenPoint Rated (2002)(2006)
Build San Antonio Green
Building America Program
Building Science Corporation
Built Green Colorado
Built Green NW
Built Green Santa Barbara
California ENERGY STAR® New Homes Program
California Green Building Program (CBG) (2001)
Chicago Center for Green Technology
Chula Vista GreenStar Building Efficiency Program (2000)
Consumer Products Program(VOC's)
Earth Advantage™ (1999-2005)
Earth Craft House™ (2003)
EcoBuild Program (2003)
Emerging Renewables Program Rebates
Engineered For Life™ (1998)
Environmentally Sustainable Affordable Design (ESAD) program
Environments for Living® (2001)/Diamond Class (2005)
E-Star Colorado
Florida Green Building Coalition, Inc.
Fore-Solutions
Forest City Development
Frisco Green Building Program (2001)
G/Rated (2001)
GHBA Green Building Program
Greater Cleveland Green Building Coalition (1999)/7-Chapters
Green Builder Program (1997) /Building America Partner Program (2001)
Green Building Alliance
Green Building Corps
Green Building Council
Green Building in Alameda County (2000)
Green Building Initiative of St. Louis
Green Built Program (2001)
Green Communities Initiative
Green Energy Ohio
Green Guidelines (2000)
Green Home Choice (2003)
Green Home Destination (2001)
Green Home Remodel (2004)
Green Homes NorthEast (GHNE)
Green Permit Program-Residential
Green Points Program (1997)
Green Points Remodeling Program (2001)
Green Roofs Program
GreenHOME(1999)
Greening Affordable Housing Initiative
Hawaii BuiltGreen (2001)
Health House® (1993) - St. Paul MN
Healthy Built Homes (2005)
Home Remodeling Green Building Guidelines(2001)
Innovative Building Review Program (1995)
Keystone Green Building Initiative
Laclede Gas/Inspections & Testing
Maryland Environmental Design Program (1998)
NAHB Model Green Home Building Program
NC HealthyBuilt Homes Program (2004)
New Jersey Affordable Green Program (1998)
Northeast Ohio Green Building Initiative
NWEBG-Northwest EcoBuilding Guild (1993)
Park City Green Building Initiative
Remodelers Advantage (2005)
Sonoran LEED for Homes/City of Scottsdale Green Building Program
Southern Nevada Green Building Partnership
Sustainable Building Program (2000)
Sustainable Development Initiative
Tacoma-Pierce County Built Green™ (2003)
TEP Guarantee Home Program (1997)
The Built Green™ Program (2000)
Unity Homes/Gulfport, Miss
Vermont Builds Greener Program (2003)
Wisconsin Green Building Alliance (WGBA)

Comparison of Green Building Rating Systems



Comparison of Green Building Rating Systems



An aerial photograph of a residential neighborhood. The houses are arranged in a grid-like pattern with a central road. The roofs are mostly brown and grey. There are some swimming pools visible in the backyards. A semi-transparent black box with white text is overlaid in the center of the image.

Overview of Pilot

USGBC Membership

TOTAL MEMBERS

91,000 Individuals
38,000 LEED APs

10,032

7450

5617

5016

3532

2370

1137

570

268

158

102

61

10

huge growth in last 7 years

steady growth in the first 5 years

1995

1996

1997

1998

1999

2000

2001

2002

2003

2004

2005

2006

2007

What is the LEED System?

Leadership in Energy and Environmental Design

A leading-edge
system for
certifying
the greenest
performing
buildings in the
world



LEED RATING SYSTEMS

LEED for New Construction

LEED for Commercial Interiors

LEED for Core and Shell

LEED for Existing Buildings

LEED for Homes

LEED for Neighborhood Developments

Commercial Buildings

Low-Rise Housing

Mixed-Use Developments

- Retail
- Multi-building Campuses
- Multi-family Residential

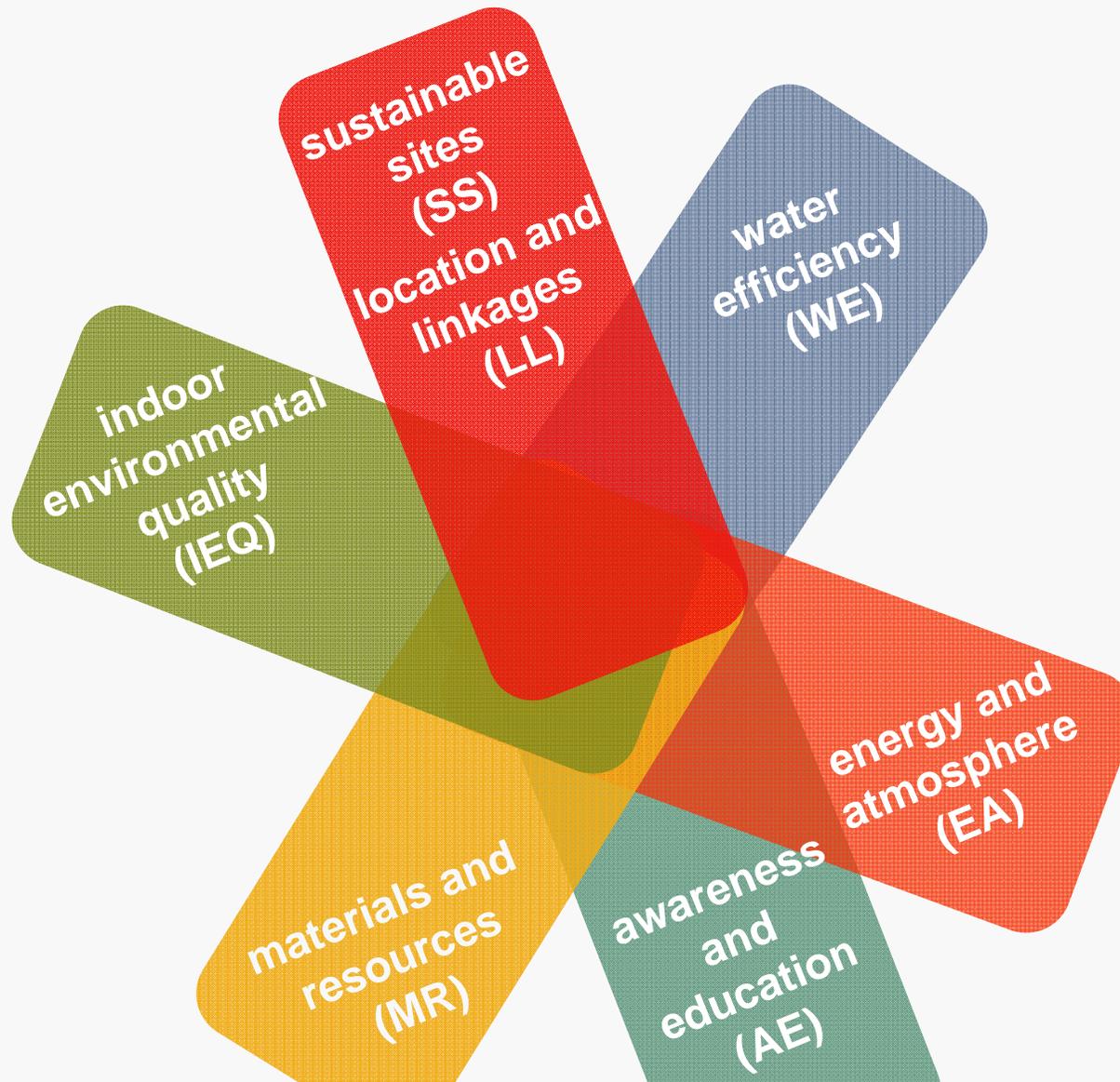
application guides

Consensus-Based Standards

USGBC has four levels of LEED:



■ Resource Categories



Design and construction practices that meet specified standards reducing the negative impact of buildings on their occupants and on the environment.

Applicable Building Types

Single Family



Market Rate
& Affordable

Multi-Family



Up to 3 Stories

Gut Rehab



Strip to Studs
on One Side

Pilot Status

Type of Participant	Registered
# of Providers	12
# of Registered Builders	393
# of Registered Homes	6,306
# of Certified Homes	223

Registered projects take about 10 months to complete (become certified)

LEED for Homes Alliances

National Programs

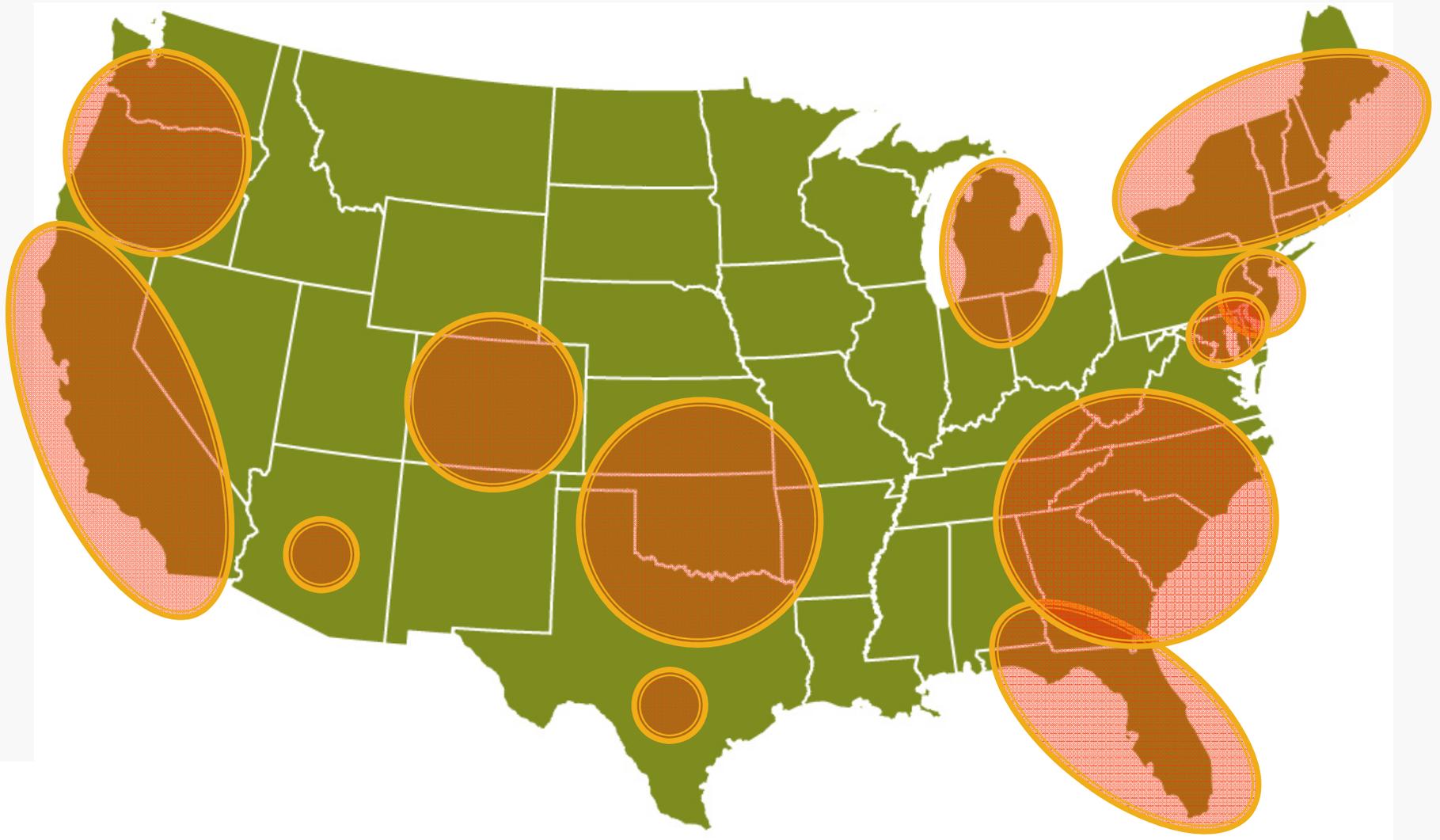


ENVIRONMENTS FOR **Living**

Local and Regional Programs



Pilot Markets



An aerial photograph of a residential neighborhood, showing rows of houses with brown and grey roofs, streets, and some swimming pools. A semi-transparent dark grey rectangular box is centered over the image, containing the text "Overview of LEED Credits" in white, bold, sans-serif font.

Overview of LEED Credits

Rating System

www.usgbc.org/leed/homes

LEED for HOMES		Project Checklist		(Version 1.71 - August 2, 2005)	
Builder Name:		Address (Street/City/State):		Maximum Points	
				Dry Normal Wet	
Yes ? No	1	Location and Linkages	OR	10	
HOLD		LEED-ND Neighborhood	LL2-5	10	24
	2	Site Selection	LL1	2	10
	3.1	Infrastructure	LL1	1	Required
	3.2	Site within 1/2 Mile of Existing Water, Sewer, and Roads	LL1	1	2
	4.1	Community Resources	LL1	1	3
	4.2	Within 1/4 mile of Basic Community Resources / Public Transportation	LL1	2	Required
	4.3	Within 1/4 Mile of Extensive Community Resources / Public Transportation	LL1	1	5
	5.1	Compact Development	LL1	1	4
	5.2	Average Housing Density \geq 7 Units / Acre	LL1	2	Required
	5.3	Average Housing Density \geq 10 Units / Acre	LL1	3	Required
		OR Average Housing Density \geq 20 Units / Acre			2
		Sub-Total			
Yes ? No		Sustainable Sites		14	
	1.1	Site Stewardship	Required		
	1.2	Minimize Disturbed Area of Site (If Site > 1/3 Acre)			
	2.1	Landscaping			
	2.2				
	2.3				
	2.4				
	3	Shading			
	4.2	Surface Water			
	4.3				
	5	Non-Toxic			
		Sub-Total			
Yes ? No		Water Efficient			
	1.1	Water Reduction			
	1.2				
	2.1	Irrigation			
	2.2				
	2.3				
	3.1	Indoor Water			
	3.2				
		Sub-Total			
Yes ? No		Indoor Environmental Quality			
	1	ENERGY			
	2.1	Combustion Venting	IE1	Required	1
	2.2	Space Heating and DHW Equip w/ Closed Power-Exhaust, & CO Monitor	IE1	Required	6
		Fireplaces w/ Outside Air Supply and Closed Combustion			1
	3	Humidity Control	IE1	1	1
	4.1	Outdoor Air Ventilation	IE1	Required	1
	4.2	Meets ASHRAE Std 62.2	IE1	2	Required
	4.3	Dedicated Outdoor Air System (w/ Heat Recovery)	IE1	1	1
		Third-Party Testing of Outdoor Air Flow Rate into Home			1
	5.1	Local Exhaust	IE1	Required	4
	5.2	Meets ASHRAE Std 62.2	IE1	1	1
	5.3	Timer / Automatic Controls for Bathroom Exhaust Fans	IE1	1	1
		Third-Party Testing of Exhaust Air Flow Rate Out of Home			1
	6.1	Supply Air Distribution	IE1	Required	1
	6.2	Meets ACCA Manual D	IE1	2	1
		Third-Party Testing of Supply Air Flow into Each Room in Home			1
	7.1	Supply Air Filtering	IE1	Required	1
	7.2	\geq 8 MERV Filters, w/ Adequate System Air Flow	IE1	1	1
	7.3	\geq 10 MERV Filters, w/ Adequate System Air Flow			1
		OR \geq 12 MERV Filters, w/ Adequate System Air Flow			2
	8.1	Contaminant Control	IE1	Required	108
	8.2	Seal-Off Ducts During Construction	IE1	1	1
	8.3	Permanent Walk-Off Mats OR Central Vacuum	IE1	1	1
		Third-Party Testing of Particulates and VOCs before Occupancy			1
	9.1	Radon Protection	IE1	Required	1
	9.2	Install Radon Mitigation System if Home is Located in EPA Region 1	IE1	1	1
		Install Ground Contaminant Mitigation System (Outside of EPA Region 1)			1
	10.1	Vehicle Emissions Protection	IE1	Required	1
	10.2	No Air Handling Equipment OR Return Ducts in Garage	IE1	Required	1
	10.3	Tightly Seal Shaded Surfaces between Garage and Home	IE1	1	1
		Exhaust Fan in Garage OR No Garage in Contact with Home			1
		Sub-Total			

Simple

- ❖ 2 pages
- ❖ 130 points
- ❖ Entry level = 45 pts.

I hereby attest that I have reviewed the verification information, and certify that this home meets the requirements of LEED for Homes

Provider's Name: _____ Company: _____
 Signature: _____ Date: _____

Mandatory Measures

ENERGY STAR Labeled Home

Health and Safety Measures

Combustion Venting

Controlled Ventilation

Durability Plan

Waste Management Plan

Site Protections

Owner's Manual



What's New?

Regional Applicability

Climate Zones

Radon Risk Zones

Termite Risk Areas

Durability

Plan

Inspection

Home Size

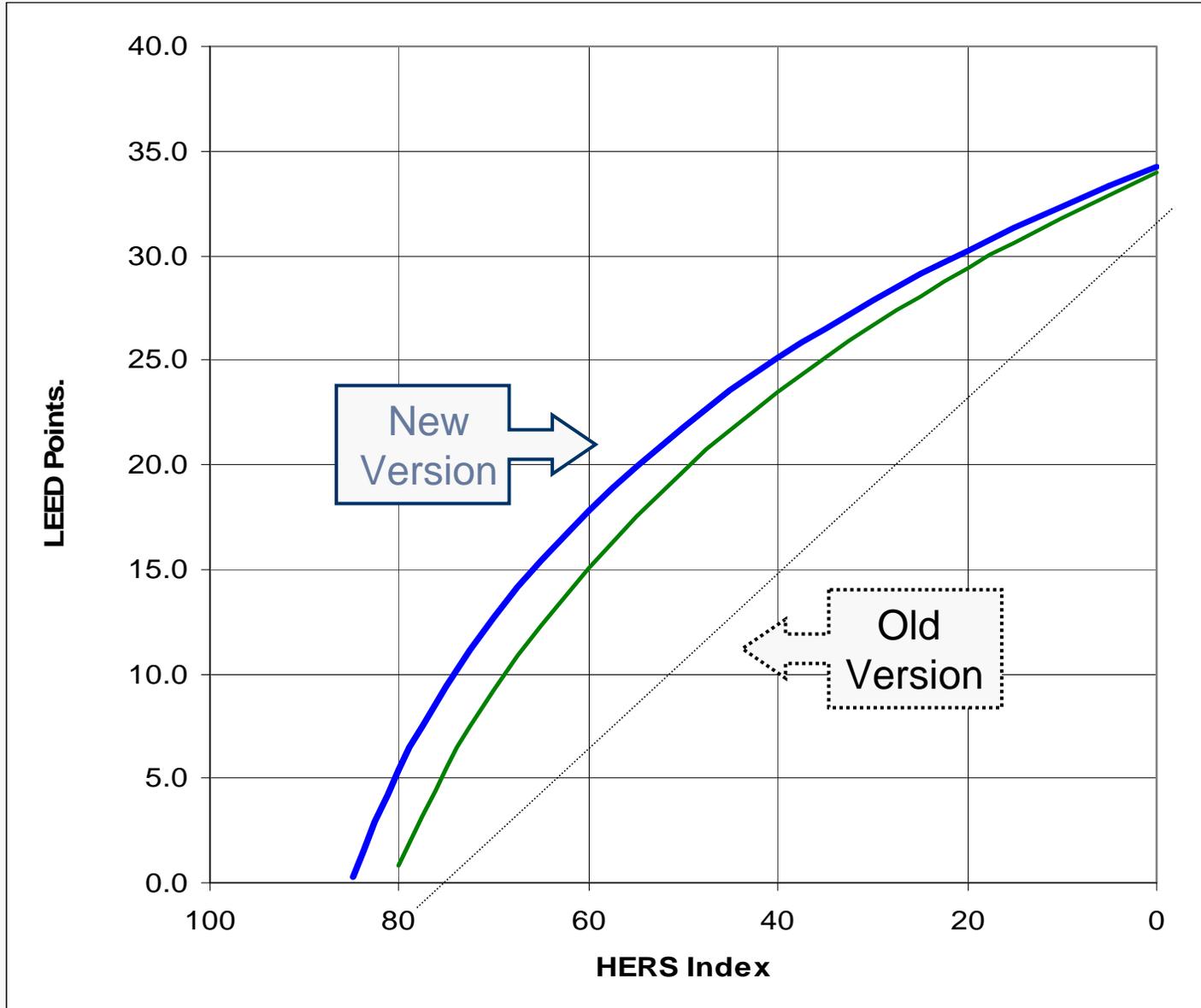
Location and Linkages

**LEED for Neighborhood
Developments**

Landscaping and Irrigation

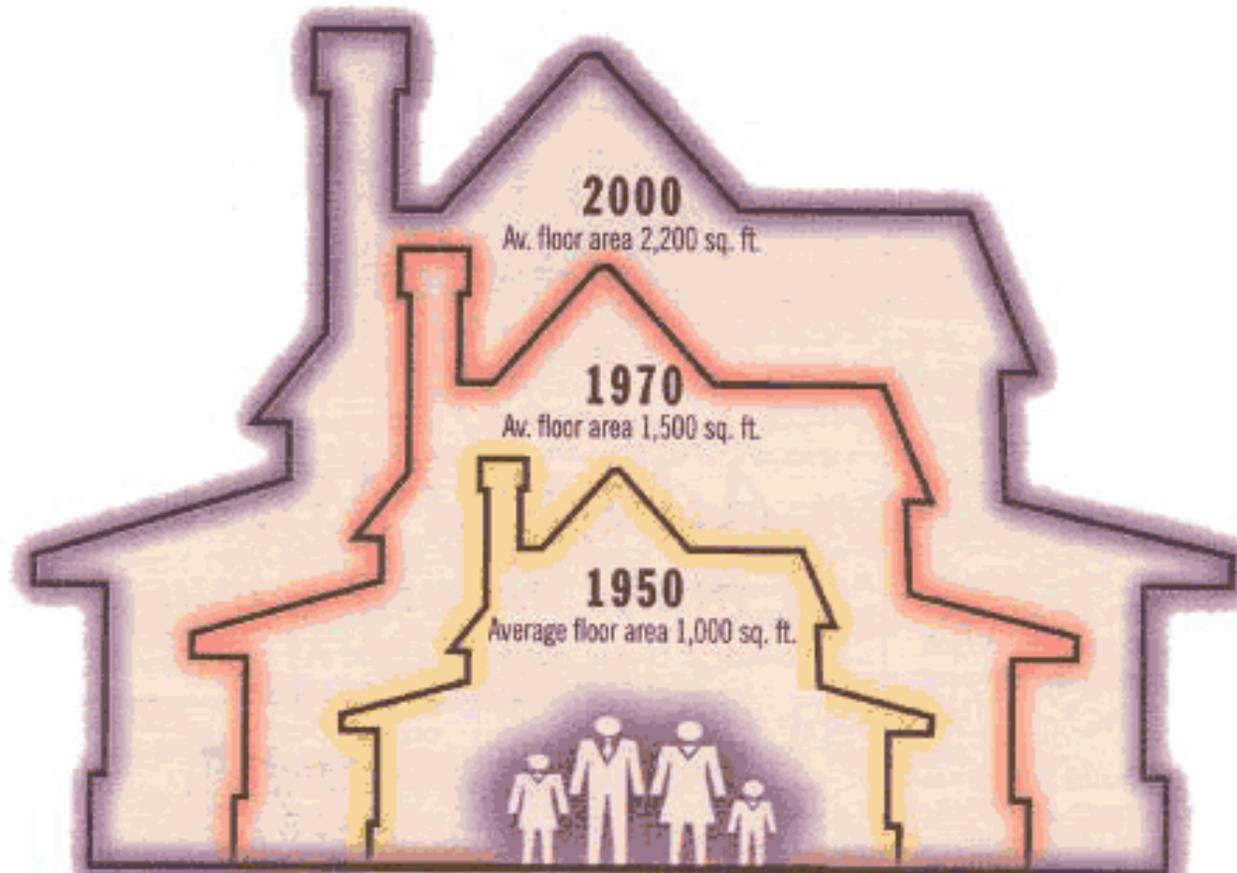


LEED for Homes Energy Credit



Small Home

1950 3.37 people per household - 297 s.f. per person
1970 3.14 people per household - 478 s.f. per person
2000 2.62 people per household - 840 s.f. per person



Sources: US Census Bureau, National Association of Home Builders

J HERR

Home Size Adjuster



for Homes

Project Checklist LEED for Homes

Builder Name:

Home Address (Street/City/State):

Input Values:

No of Bedrooms:

Floor Area (SF):

Minimum No. of Points Required:

Certified:

Silver:

Gold:

Platinum:

Detailed information on the measures below are provided in the companion document "LEED for Homes Rating System"

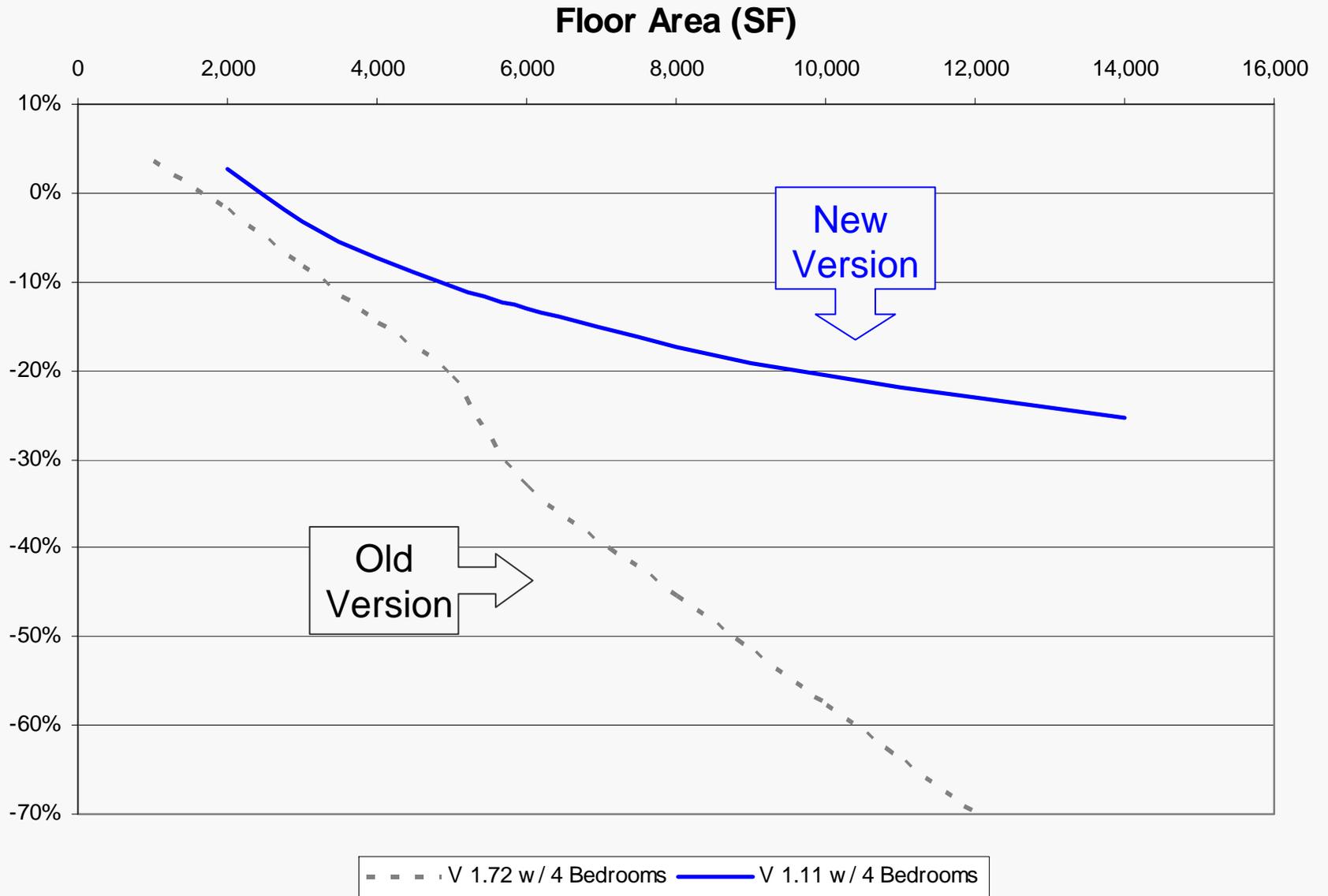
Max Points Available

Y / Pts	No	N/A	Innovation and Design Process (ID)		(Minimum of 0 ID Points Required)	9
			1.1	Integrated Project Planning	Preliminary Rating	Prerequisite
			1.2		Integrated Project Team	1
			1.3		Design Charrette	1
			2.1	Quality Management for Durability	Durability Planning; (Pre-Construction)	Prerequisite
			2.2		Wet Room Measures	Prerequisite
			2.3		Quality Management	Prerequisite
			2.4		Third-Party Durability Inspection	3
			3.1	Innovative / Regional Design	Provide Description and Justification for Specific Measure	1
			3.2		Provide Description and Justification for Specific Measure	1
			3.3		Provide Description and Justification for Specific Measure	1
			3.4		Provide Description and Justification for Specific Measure	1
0			Sub-Total			
Y / Pts	No	N/A	Location and Linkages (LL)		(Minimum of 0 LL Points Required)	OR 10
			1	LEED-ND Neighborhood		LL2-5 10
			2	Site Selection	Avoid Environmentally Sensitive Sites and Farmland	LL1 2
			3.1	Preferred Locations	Select an Edge Development Site	LL1 1
			3.2	OR	Select an Infill Site	LL1 2

LEED for Homes "Adjustment for Home Size"

Comparison of Version 1.72 (Original Pilot) and Version 1.11 (Proposed Update)

Home Size Adjustment
(% Total LH Points).



An aerial photograph of a residential neighborhood, showing rows of houses with brown roofs and grey roofs, separated by a central road. A semi-transparent dark grey box is overlaid in the center, containing the text "Participation Process" in white, bold, sans-serif font.

Participation Process

Verification Process

- Step 1: Builder Joins LEED for Homes Program*
- Step 2: Rater Performs Plan Review*
- Step 3: Home Design is Refined, as Needed*
- Step 4: Home is Built*
- Step 5: Green Rater Performs Inspections / Rating*
- Step 6: Provider Completes Certification*

Accountability Form



	LEED for HOMES	Accountability Form (Version 1.7, August 12, 2005)		
<p>All declarations and affirmations made in this accountability form are made to USGBC solely for the purpose of assisting USGBC in determining whether LEED Certification is merited. No such declaration or affirmation can be construed as a warranty or guarantee of the performance of the building.</p>				
<p>Instructions</p> <p>This form is to be completed by the person / organization responsible for the design and/or implementation of one or more of the LEED for Homes credits below. A separate form shall be completed by each design professional responsible for one or more credits.</p> <p>Step 1. Review the requirements for the credits in the LEED for Home Rating system for which you are responsible.</p> <p>Step 2. Complete the General Information section of this form.</p> <p>Step 3. Skip the Overall Performance Data section of the form (to be completed by Provider/Rater).</p> <p>Step 4. In the Areas of Accountability section, check boxes to indicate the LEED for Homes credits for which you have the primary design/implementation responsibility.</p> <p>Step 5. Complete the Official Certification section at the bottom of the form.</p> <p>Step 6. Maintain a project documentation file to assist in the event of an audit of your credit(s) or of this project by the USGBC.</p>				
<p>General Information</p> <p>Builder Name: _____</p> <p>Subdivision Name: _____</p> <p>House Address: _____</p> <p>Provider's Name: _____</p> <p>Rater's Name: _____</p> <p>Sampling Protocol Used: _____ (Y / N)</p>				
<p>Overall Performance Data</p> <p>LEED Score: <input type="checkbox"/> / 100 Points</p> <p>LEED Rating Achieved: <input type="checkbox"/> (Certified, Silver, Gold, Platinum)</p> <p>HERS Score Achieved: <input type="checkbox"/> / 100 Points</p>				
<p>Areas of Accountability</p> <table border="1" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>Location & Linkages</p> <p><input type="checkbox"/> 2 Site Selection</p> <p><input type="checkbox"/> 5.1 Average Housing Density \geq 7 Units / Acre</p> <p><input type="checkbox"/> 5.2 Average Housing Density \geq 10 Units / Acre</p> <p><input type="checkbox"/> 5.3 Average Housing Density \geq 20 Units / Acre</p> <p>Sustainable Sites</p> <p><input type="checkbox"/> 2.1 Basic Landscaping Design</p> <p><input type="checkbox"/> 2.4 Minimize Landscape Water Demand</p> <p>Indoor Environmental Quality</p> <p><input type="checkbox"/> 3 Humidity Control System</p> <p><input type="checkbox"/> 4.1 Outside Air Ventilation; Meets ASHRAE/Std 62.2</p> <p><input type="checkbox"/> 5.1 Local Exhaust; Meets ASHRAE Std 62.2</p> <p><input type="checkbox"/> 6.1 Supply Air Distribution; ACCA Manual D</p> <p><input type="checkbox"/> 9.1 Radon Protection; Install System, EPA Zone 1</p> <p><input type="checkbox"/> 9.2 Radon Protection; Install System, Not EPA Zone 1</p> <p>Homeowner Awareness</p> <p><input type="checkbox"/> 1.1 Basic Owner's Manual & Walkthrough</p> <p><input type="checkbox"/> 1.2 Comprehensive Manual & Multiple Walkthroughs</p> </td> <td style="width: 50%; vertical-align: top;"> <p>Water Efficiency</p> <p><input type="checkbox"/> 1.1 Water Reuse; Rainwater Harvesting</p> <p><input type="checkbox"/> 1.2 Water Reuse; Grey Water Reuse</p> <p><input type="checkbox"/> 2.2 Irrigation System; High Efficiency Measures</p> <p>Materials and Resources</p> <p><input type="checkbox"/> 1 Smaller Home</p> <p><input type="checkbox"/> 4.1 Durability Plan; (Pre-Construction)</p> <p>Energy and Atmosphere</p> <p><input type="checkbox"/> 2.3 Insulation; Above Code</p> <p><input type="checkbox"/> 6.1 HVAC Meets ENERGY STAR for HVAC</p> <p><input type="checkbox"/> 10 Renewable Electric Generation System</p> <p><input type="checkbox"/> 11 Residential Refrigerant Management</p> <p>Innovation and Design Process</p> <p><input type="checkbox"/> 1.1 Provide Description and Justification</p> <p><input type="checkbox"/> 1.2 Provide Description and Justification</p> <p><input type="checkbox"/> 1.3 Provide Description and Justification</p> <p><input type="checkbox"/> 1.4 Provide Description and Justification</p> </td> </tr> </table>			<p>Location & Linkages</p> <p><input type="checkbox"/> 2 Site Selection</p> <p><input type="checkbox"/> 5.1 Average Housing Density \geq 7 Units / Acre</p> <p><input type="checkbox"/> 5.2 Average Housing Density \geq 10 Units / Acre</p> <p><input type="checkbox"/> 5.3 Average Housing Density \geq 20 Units / Acre</p> <p>Sustainable Sites</p> <p><input type="checkbox"/> 2.1 Basic Landscaping Design</p> <p><input type="checkbox"/> 2.4 Minimize Landscape Water Demand</p> <p>Indoor Environmental Quality</p> <p><input type="checkbox"/> 3 Humidity Control System</p> <p><input type="checkbox"/> 4.1 Outside Air Ventilation; Meets ASHRAE/Std 62.2</p> <p><input type="checkbox"/> 5.1 Local Exhaust; Meets ASHRAE Std 62.2</p> <p><input type="checkbox"/> 6.1 Supply Air Distribution; ACCA Manual D</p> <p><input type="checkbox"/> 9.1 Radon Protection; Install System, EPA Zone 1</p> <p><input type="checkbox"/> 9.2 Radon Protection; Install System, Not EPA Zone 1</p> <p>Homeowner Awareness</p> <p><input type="checkbox"/> 1.1 Basic Owner's Manual & Walkthrough</p> <p><input type="checkbox"/> 1.2 Comprehensive Manual & Multiple Walkthroughs</p>	<p>Water Efficiency</p> <p><input type="checkbox"/> 1.1 Water Reuse; Rainwater Harvesting</p> <p><input type="checkbox"/> 1.2 Water Reuse; Grey Water Reuse</p> <p><input type="checkbox"/> 2.2 Irrigation System; High Efficiency Measures</p> <p>Materials and Resources</p> <p><input type="checkbox"/> 1 Smaller Home</p> <p><input type="checkbox"/> 4.1 Durability Plan; (Pre-Construction)</p> <p>Energy and Atmosphere</p> <p><input type="checkbox"/> 2.3 Insulation; Above Code</p> <p><input type="checkbox"/> 6.1 HVAC Meets ENERGY STAR for HVAC</p> <p><input type="checkbox"/> 10 Renewable Electric Generation System</p> <p><input type="checkbox"/> 11 Residential Refrigerant Management</p> <p>Innovation and Design Process</p> <p><input type="checkbox"/> 1.1 Provide Description and Justification</p> <p><input type="checkbox"/> 1.2 Provide Description and Justification</p> <p><input type="checkbox"/> 1.3 Provide Description and Justification</p> <p><input type="checkbox"/> 1.4 Provide Description and Justification</p>
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<p>Official Certification (to be Completed After Final LEED for Homes Rating)</p> <p>By affixing my signature below, the undersigned does hereby declare and affirm to the USGBC that the LEED for Homes requirements, as specified in the LEED for Homes Rating System, have been met for the indicated credits and will, if audited, provide the necessary supporting documents (drawings, calculations, etc.).</p> <p>Responsible Party _____ Date _____</p> <p>Printed Name _____</p> <p>Project Role / Title _____</p> <p>Organization / Company _____</p> <p>Signature _____</p>				

Performance Tests

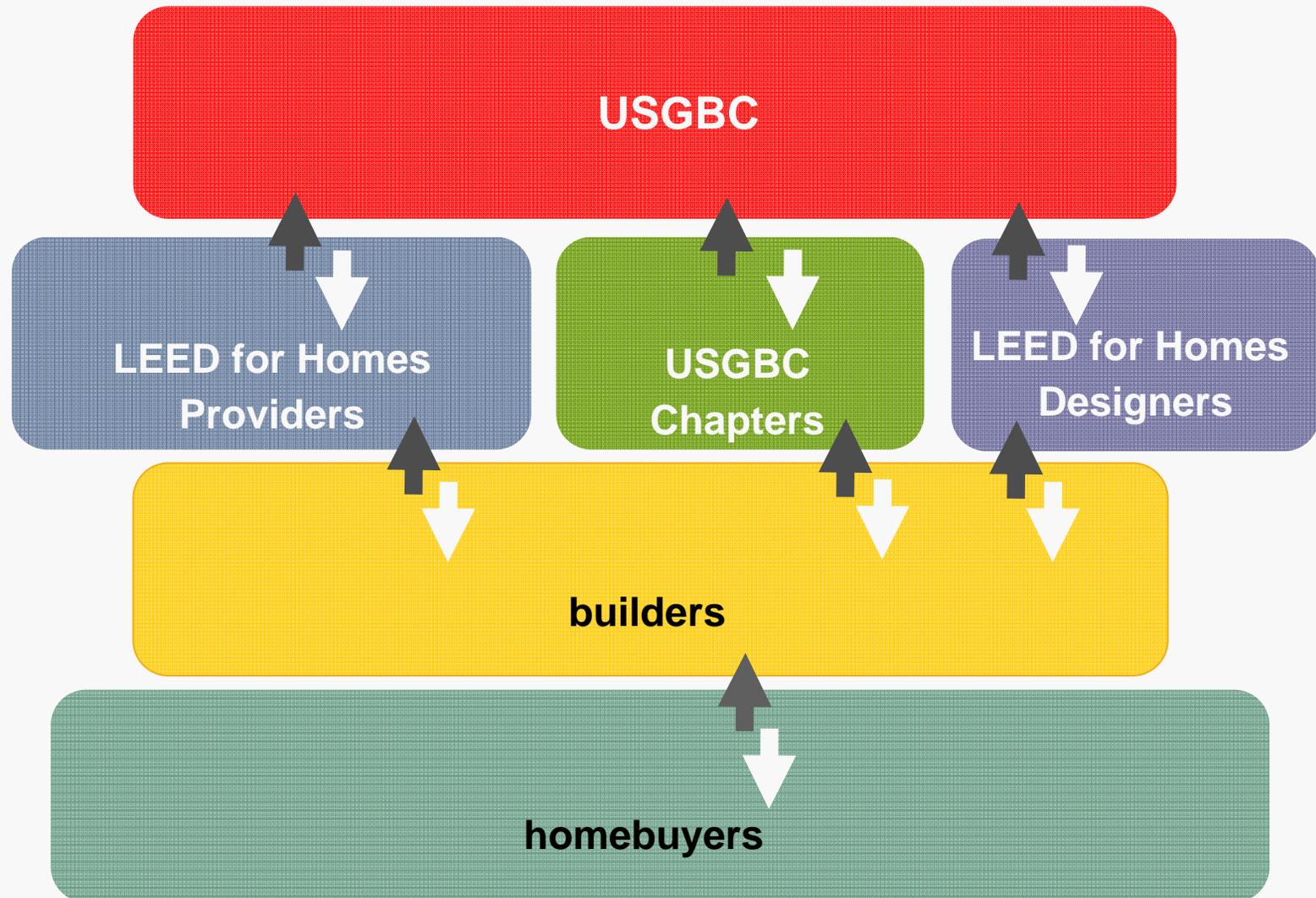
List of Special Measures		Resp.	Performance Level	
Category	Credit		Mandatory	Optional
Energy	1. ENERGY STAR Home	Rater	<input checked="" type="checkbox"/>	
	3. Envelope Air Leakage	Rater	<input checked="" type="checkbox"/>	
	5. Duct Leakage	Rater	<input checked="" type="checkbox"/>	
	6. Refrigerant Charge	HVAC	<input checked="" type="checkbox"/>	

Anticipated Effort for Verification

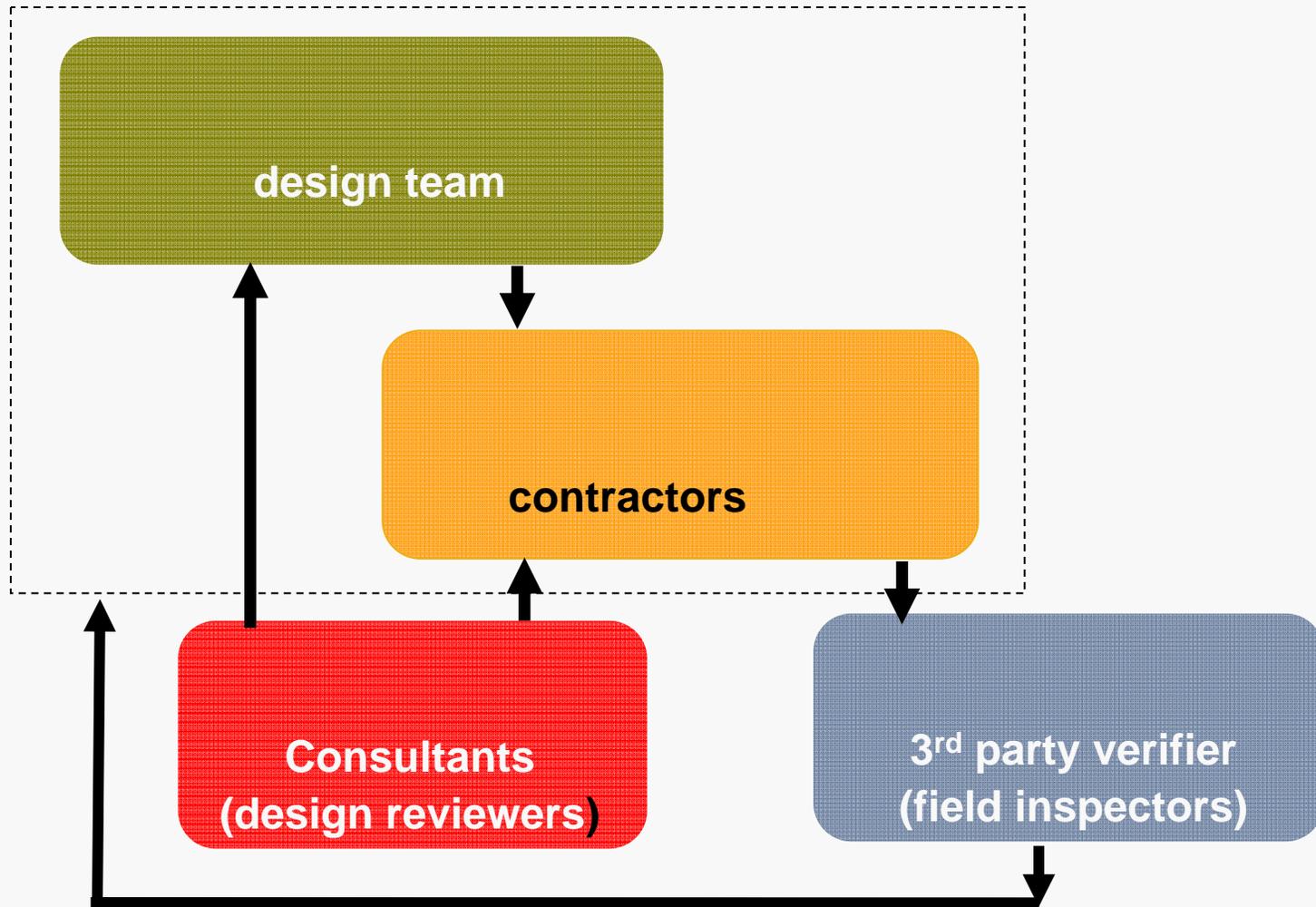
Type of Verification Activity	No. of Hours Required	
	ENERGY STAR	
Preliminary Rating	4	
Intermediate Inspections		
Final Review	6	
Travel Time	0.5	
Total Hours		
w/ Preliminary Rating	10.5	
w/o Preliminary Rating	6.5	

Roles of Key Stakeholders

(Decentralized and Localized)



Integrated Team



Quality Assurance Processes

1. Third Party Verification Process

2. Auditing of Raters by Provider

- 3rd party 10% paper review of all LEED Home ratings *for each rater*, conducted by a third party on an annual basis.
- 1% in-field 3rd party re-rating of all LEED Home ratings *for each rater*

3. Auditing of Provider by USGBC

An aerial photograph of a suburban residential neighborhood. The houses are arranged in neat rows on either side of a central road. Many houses have reddish-brown roofs, while others have grey roofs. There are some swimming pools visible in the backyards. The overall scene is a typical suburban development.

Cost of LEED Homes

LEED for Homes Fees

USGBC

- Builder Registration \$150 for Pilot
- Certification Fee \$50 Per LEED Home

Provider

- LEED for Homes Ratings (Ask Your Local Provider)
 - Preliminary Design Review \$ 300 - 600
 - Inspections and Certification \$ 600 - 1,200
- With Sampling (high volume) \$250 - 500

Other Support

- Design Assistance \$ Variable
- Training \$ Variable

Benefits of a LEED Home

List of Features / Benefits	LEED Home	Other Home
Higher quality	☒	
30-50% more energy efficient	☒	
More comfortable living environment	☒	
30-50% more water efficient	☒	
More durable home design and materials	☒	
100 cfm of fresh air every hour	☒	
50% better air filtration	☒	
30-50% of building materials are environmentally preferable	☒	
Non-toxic pest management	☒	
Ozone safe refrigerant	☒	
50% less waste to landfill (during construction)	☒	
30% less stormwater run-off (less pollution into watersheds)	☒	
Higher resale	☒	

An aerial photograph of a suburban residential neighborhood. The houses are arranged in a grid-like pattern with a central road. Many houses have swimming pools in their backyards. The roofs are mostly brown and grey. The overall scene is a typical suburban development.

National Roll-Out Plans

Future Plans

- Revise Rating System, as needed
- Expand Program to Include New Providers
- Improve support for Affordable / Multifamily Homes
- LEED for Homes Trainings
- Marketing Tools
- Reference Guide
- LEED-Online
- National Release of LEED for Homes

LEED for Homes

Initiative for Affordable Housing

Purpose: to recognize and reward the intrinsic resource efficiencies of affordable housing

- Awareness and Education
- Tools
- Technical Support



Education Activities

USGBC is developing 3 courses for the LEED for Homes Rating System:

1. Introductory course - for public (on-line)
2. Intermediate course – for builders
3. Advanced course - for raters
4. Advanced Course - for designers and consultants

■ NEW! Consumer Website

How to “green” your life

- Greening of your new home
- Greening of your existing home
- Greening of your vacation
- Greening of your investments



■ Existing Homes

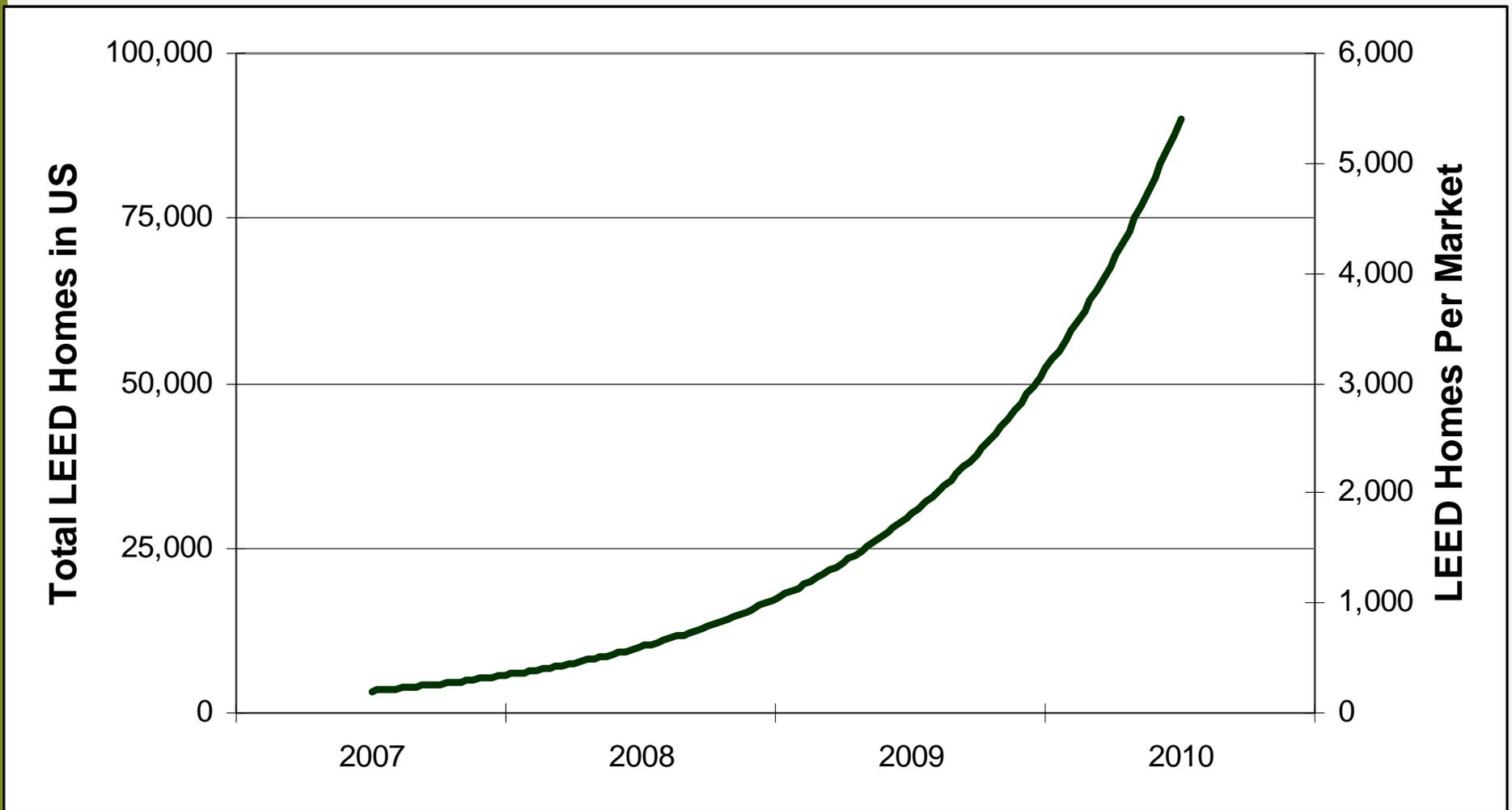
- New Guideline under Development
- Available Spring 2008



LEED for Homes Timeline

Key Tasks	Schedule			
	Q4 2006	Q1 2007	Q2 2007	Q3 2007
RFQ New Providers				
Tag Review				
1st Public Review				
2nd Public Review				
USGBC Ballot				
National Roll-Out				

Projected Growth: LEED for Homes



Summary

- LEED Homes are in demand
- LEED Homes are affordable
- LEED Homes is an opportunity to grow your business
- LEED Homes challenges you to be a leader!



USGBC Key Contacts

US Green Building Council Staff

Administrative and Technical / Verification Questions

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LEED for Homes Committee Chairs

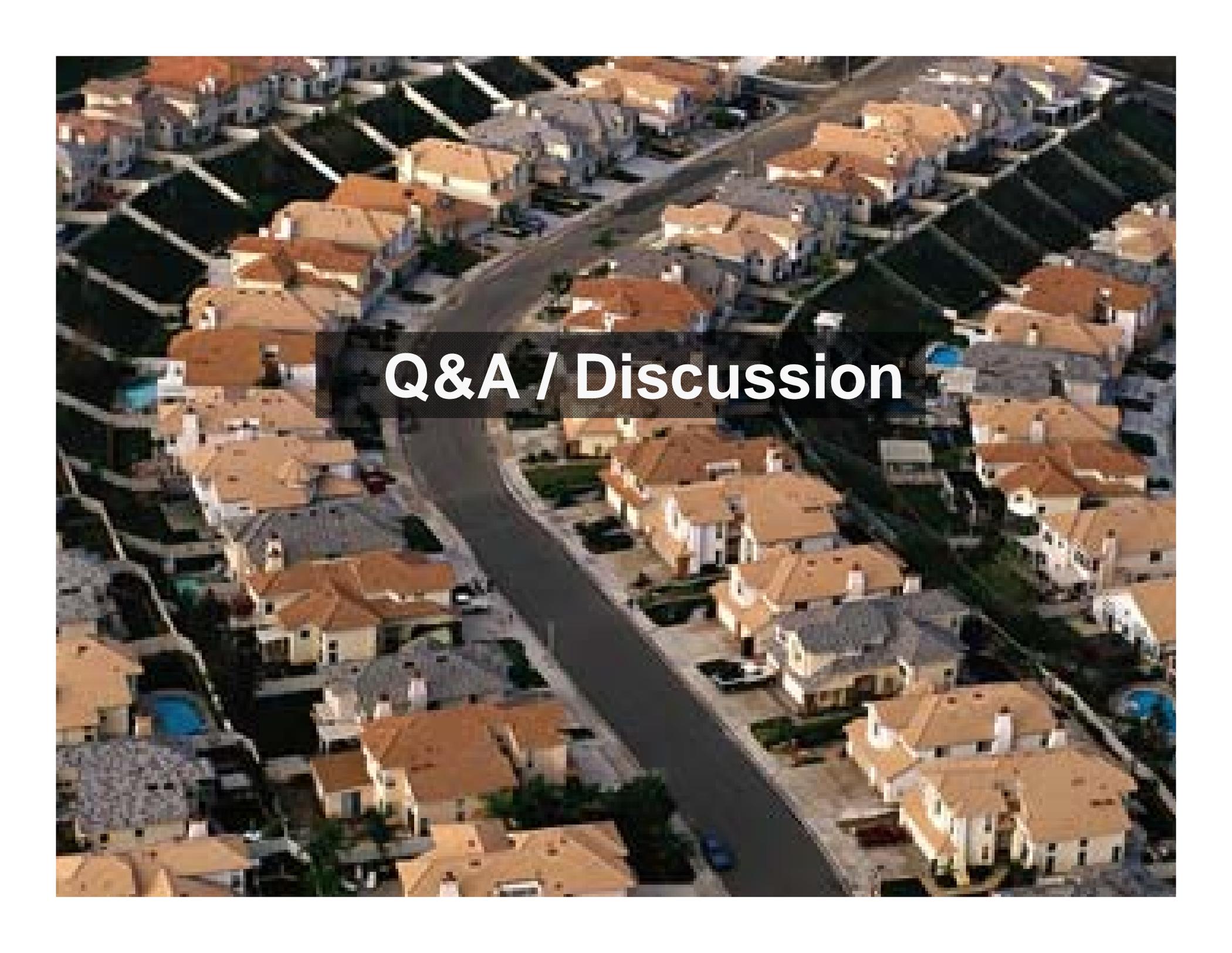
Programmatic Questions and Suggestions

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Kristin Shewfelt, Architectural Energy Co.

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An aerial photograph of a residential neighborhood. The houses are arranged in a grid-like pattern with a central road. The roofs are mostly brown and grey. There are some swimming pools visible in the backyards. The text "Q&A / Discussion" is overlaid in the center of the image.

Q&A / Discussion