

# LEED for Homes Overview



# Welcome

## Why LEED for Homes?

- ❑ **Simple** - to understand and implement
- ❑ **Substantial** - to differentiate top 25% of homes
- ❑ **Compelling** - nationally recognized LEED Brand
- ❑ **Credible** - based on consensus of GHB experts
- ❑ **Market Based** - tied to ENERGY STAR and HERS



# Intro to USGBC

Building Owners

res Contractors

Landscape Architects

Utility Managers

nants

nancial Reps



WHO ARE WE?

USGBC

A coalition of the country's foremost leaders from across the building industry

We promote buildings that are:

1. Environmentally Responsible
2. Economically Profitable
3. Healthy Places to Live and Work



# USGBC Membership

TOTAL MEMBERS

5000

4000

3000

2000

1000

and 23,000 LEED APs

5617

5016

huge growth in last 5 years

steady growth in the first 5 years

3532

2370

1137

10

61

102

158

268

570

1995

1996

1997

1998

1999

2000

2001

2002

2003

2004

2005



LEED  
for HOMES

# 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  
HOMES

# LEED RATING SYSTEMS

LEED-NC new construction

LEED-EB existing buildings

LEED-CI commercial interiors

LEED-CS core & shell

LEED for HOMES

LEED-ND neighborhood development



Commercial Buildings

Low-rise Housing

Mixed-Use Developments

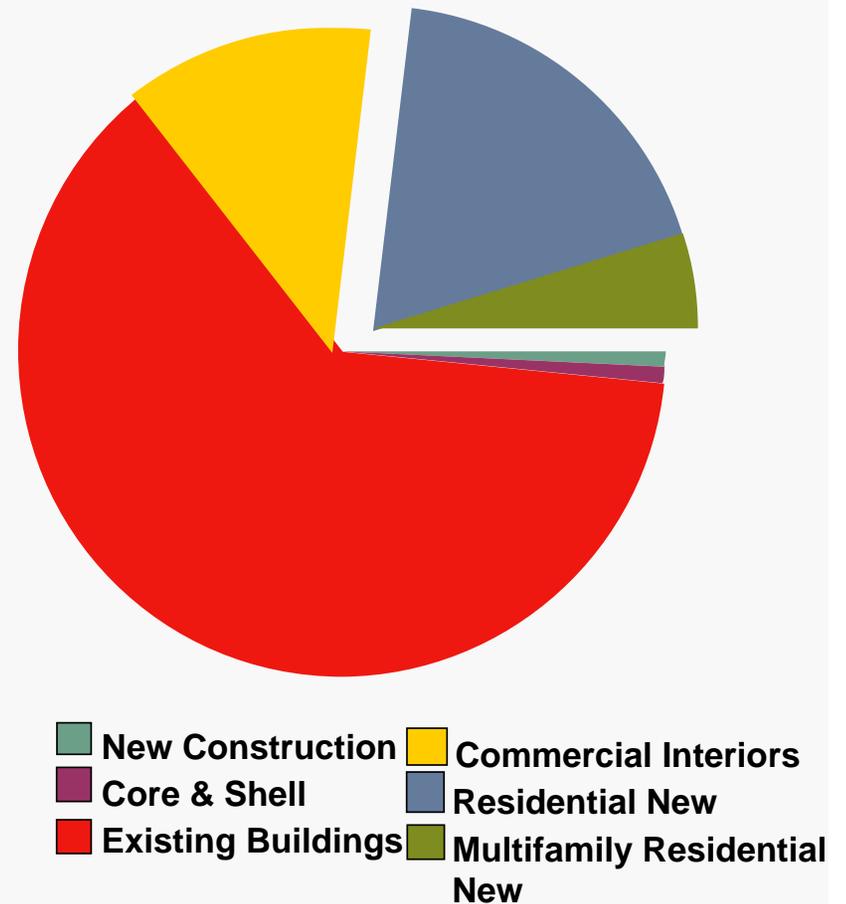


application guides

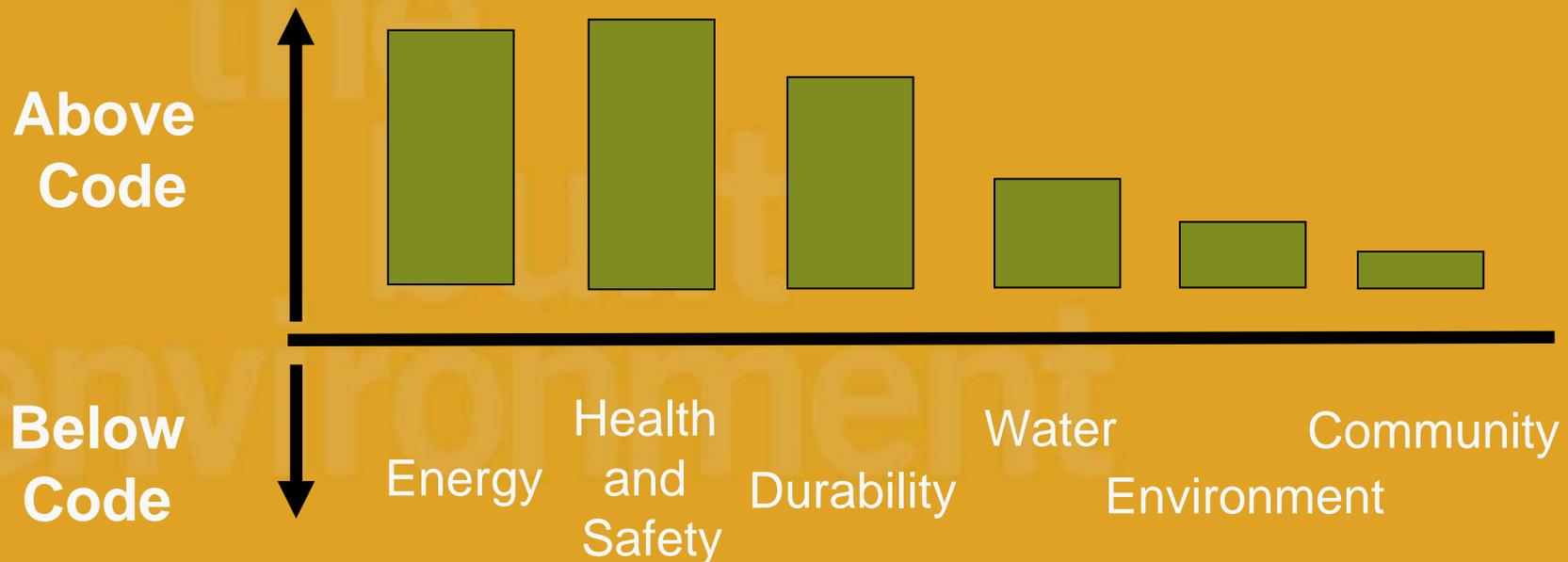
# Why LEED for Homes?

- Residential Construction
  - 22% of U.S. primary energy use
  - 2 million housing starts (2004)

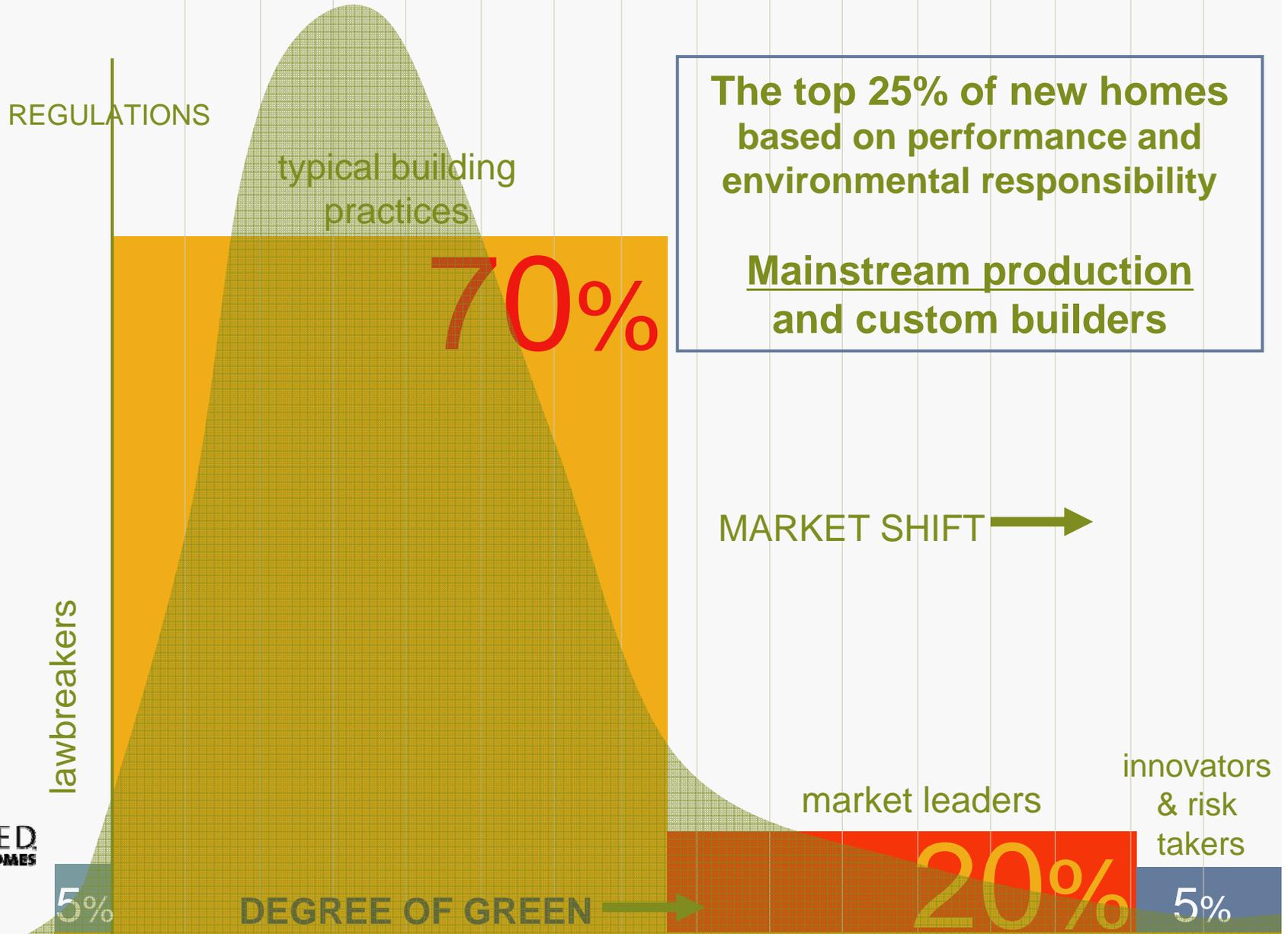
LEED Products



# What is High Performance or “Green” Home?



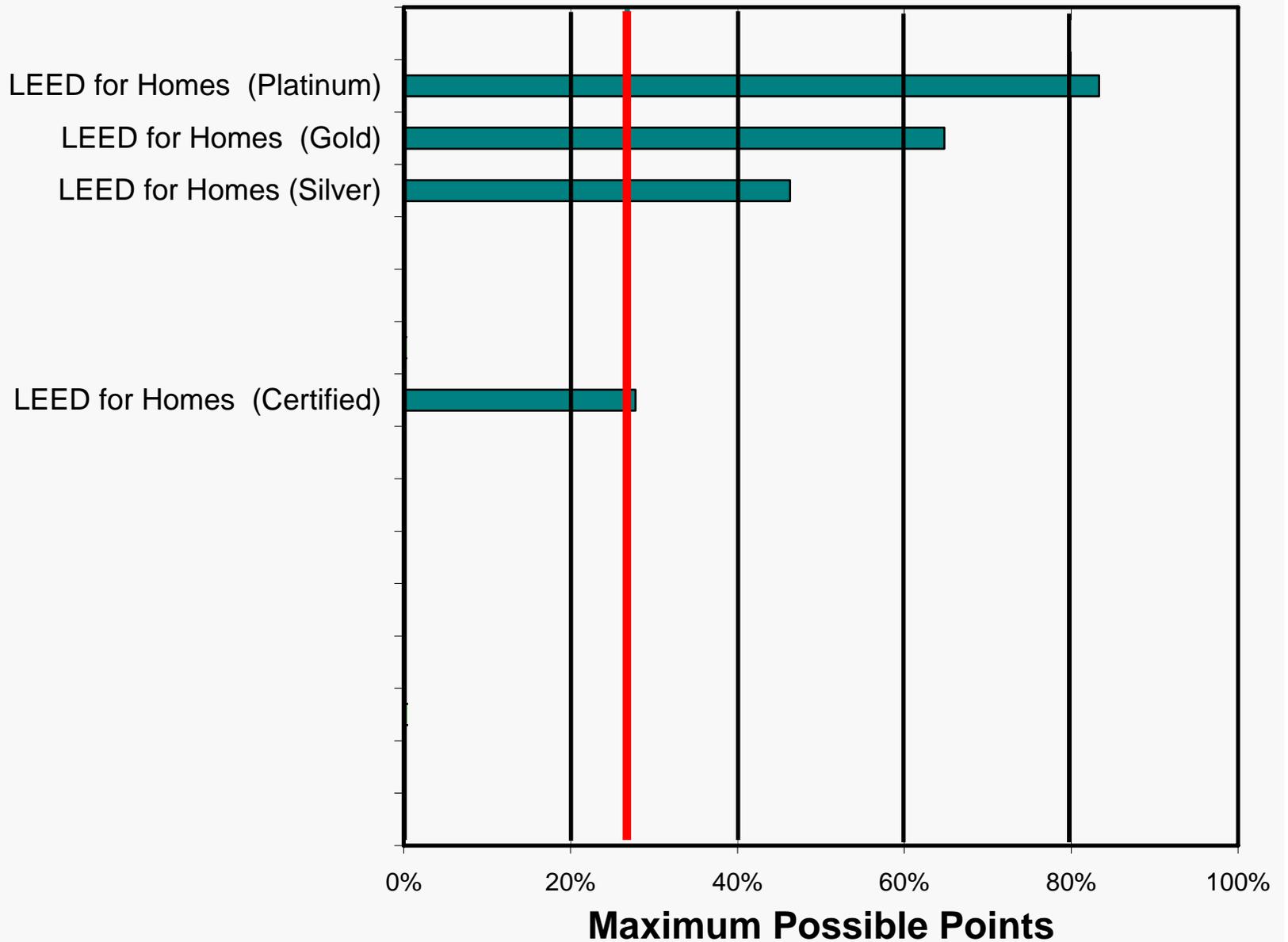
# TARGET MARKET



# How do Green Programs Compare?



# Relative Performance of GHB Programs



# Why Build A Green Home?

To Differentiate Your Homes in the Market, in Terms of:

1. High Performance
2. High Quality (?)
3. Better Investment



# Builder Benefits

market differentiation

improved customer satisfaction

increased value

reduced risks

higher profits



# Homebuyer Benefits

30-70% energy savings

verified performance

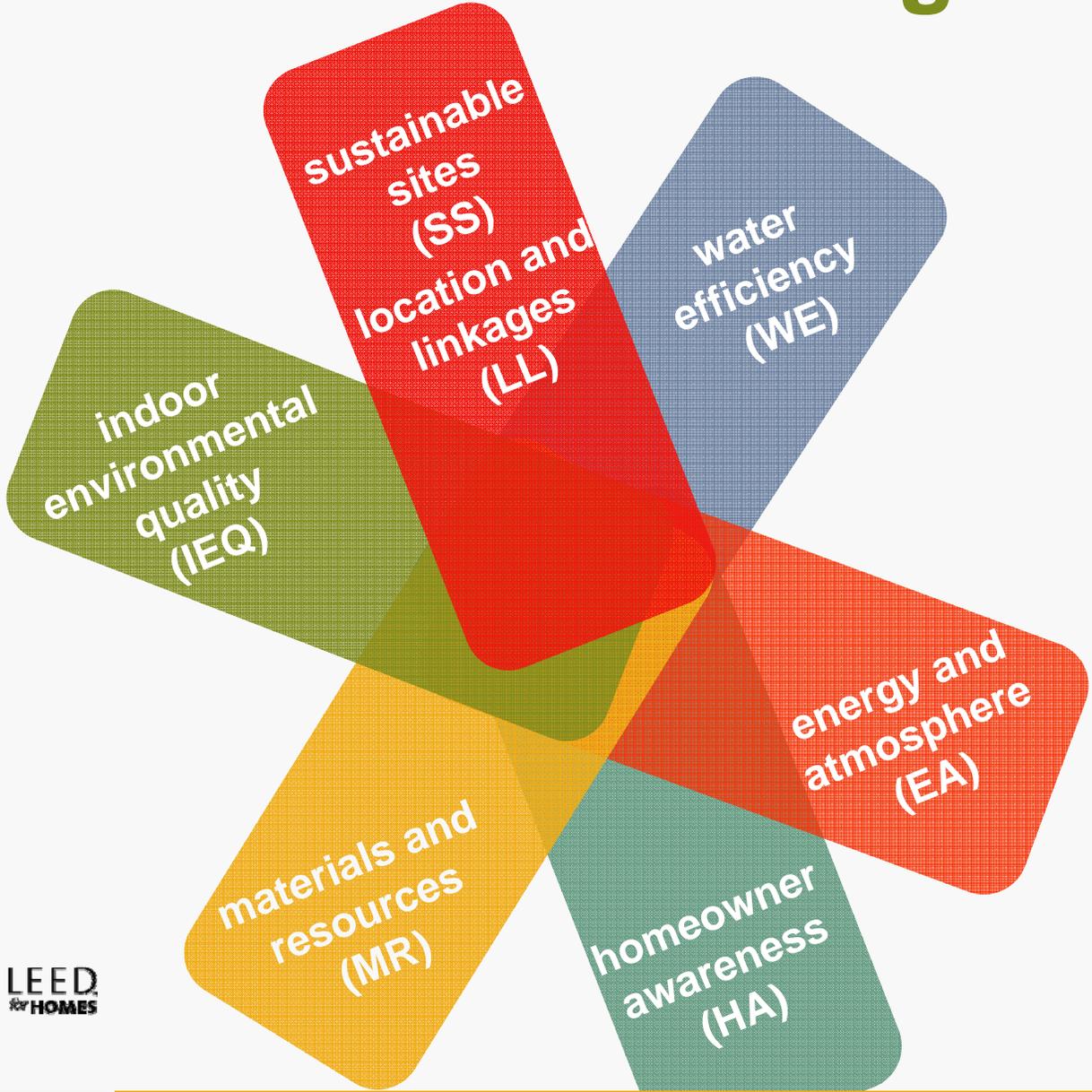
increased value

environmentally responsible

healthier living



# LEED for Homes categories



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



# 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**  
**Precipitation Zones**

**Durability**  
**Plan**  
**Inspection**

**Home Size**

**Location and Linkages**  
**LEED-ND**

**Landscaping and Irrigation**



# A National, Consensus-Based Standard Developed by Experts

LEED has four levels:



*LEED for Homes*



# Other Issues

- Affordable Housing
- Multifamily Housing



# Purpose of Pilot

**USGBC** (To Listen, Learn, and Support)

1. Ease of Use of Rating System
2. Ease of Delivery
3. Stakeholder Acceptance

# Pilot Status

Type of Participant	Registered
# of Providers	11
# of Builders	
Affordable	15
Production	10
Custom	85
# of Homes	
Single Family	180
Multi-Family	400



# USGBC's Next Steps

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- **Will Expand into ~20 more US markets in 2007**

## Key Dates

<b>Summer 2006</b>	<b>Conclusion of data gathering</b>
<b>Oct 2006</b>	<b>First Public Review</b>
<b>Dec 2006</b>	<b>Second Public Review</b>
<b>Early 2007</b>	<b>Membership ballot &amp; Public release</b>

# Where to Get More Information

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**[www.usgbc.org/leed/homes](http://www.usgbc.org/leed/homes)**

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