

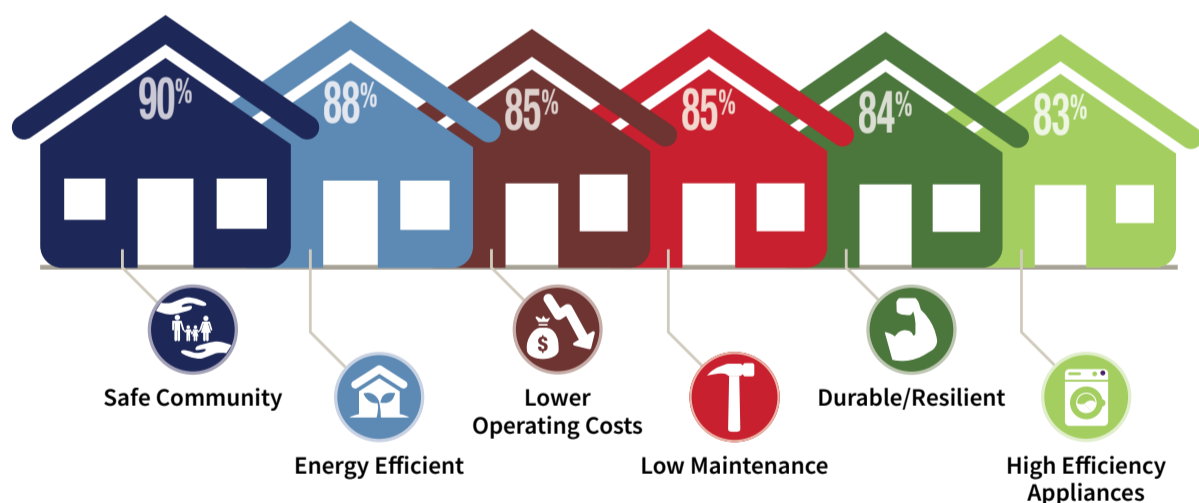


WHERE HOME BUILDING AND SUSTAINABILITY INTERSECT



Green Park Homes: 2017 Best in Green Community Award Winner

Top Influencers in Home Purchase Decisions



Source NAHB: *What Green Means to Home Buyers: Perceptions and Preferences*

Data available by age, income, household type, race/ethnicity, gender, and Census division. For more information, visit BuilderBooks.com.

Connect to NAHB's Green Resources

RESEARCH

When it comes to purchasing a new home, studies show most of the top influencers involve sustainability and high performance. From consumer preferences to design trends, NAHB offers unparalleled economic research and data on sustainability and green building.

According to a recent survey, consumers place a higher value on certain terms than others when describing green features:

82% Water Saving Features
versus
18% Low Flow Features

For more information, visit

nahb.org/sustainability

BOOKS FOR BUILDING GREEN HOMES

As the publishing arm of the National Association of Home Builders, BuilderBooks offers a range of green building publications specifically for home builders. From understanding what “green” means to home buyers to developing strategies for building sustainable homes, BuilderBooks titles cover a wide variety of topics within green building practice.

To find out more, visit

builderbooks.com/green



Sustainability & Green Building

EDUCATION

Online or in-person, NAHB offers a variety of green building courses and modules that provide a solid background in building science and explore high-performance home design and construction practices and techniques. Topics include:

- **Energy Efficiency**
- **Water Efficiency**
- **Green Remodeling**
- **Site and Lot Development**
- **Green Project Management**

For more information on green building courses, visit

nahb.org/greenmodules

Green Home Rating Systems: Where do I Start

It is important to understand all the options for green home rating systems. NAHB provides tools that allow builders, remodelers, design professionals and developers to compare and contrast the different national green building programs to determine which program(s) best meets the needs of the home buyer and project.

To make the right decision, visit

nahb.org/compareprograms



WHY IT MATTERS

Sustainability and high-performance building can lower total ownership costs through utility savings and increased durability as well as improve indoor living environment. Voluntary, non-prescriptive green programs give builders and consumers the flexibility that they need to construct homes that are sustainable, cost-effective and appropriate for the home's geographic location.



The Rhodo Reno: 2017 Best in Green Remodeling Award Winner

BEST IN
GREEN
AWARDS

RESOURCES AND TOOLS

Take advantage of NAHB's green building tools and sustainability resources:

- **Case studies** highlighting different ways builders have successfully certified homes for their clients
- **Green SmartMarket Reports** providing builder and consumer insight into high-performance trends, green products and features
- **Sustainability checklists** allowing builders, remodelers, design professionals and land developers to quickly assess their projects and track their progress toward green certification
- **High-performance educational videos** for builders and potential home buyers
- **Green publications** offering insight into builder and consumer preferences on business management, design and construction, and sales and marketing
- **Award Program** recognizing the best of the best green residential projects within the industry

To access these tools, visit

nahb.org/greenresources

	Enterprise Green Communities	Green Globes New Construction	LEED BD+C: New Construction	LEED BD+C: Homes & Multi-family Lowrise	Living Building Challenge	National Green Building Standard™
ANSI Approved Standard by Consensus Development Process	No	No	No	No	No	Yes
Applicable Building Type(s)	Single-family Low to High-Rise Multifamily Moderate to Substantial Renovation	Multifamily Commercial	Commercial High-Rise Multifamily (9 stories+) Major Renovation Only	Single-family Low & Mid-Rise Multifamily (8 stories Max)	All Building Types	Single-family Low to High-Rise Multifamily Minor to Major Renovation
Total Certified* (All Tiers)	Over 38,000 Residential Units	≈475 Projects	Over 37,000	Over 120,000	11 Fully Certified Living Buildings 26 Petal and/or Net-Zero Energy Certified Buildings	Over 100,000 Residential Units
Current Version	2015 Enterprise Green Communities	2004	2013	2013	2014	2015
Green Practices/Credits/Imperatives	82	129	54	59	20 - All Imperatives are mandatory for full Living Building Certification	444
Mandatory Practices/Credits/Imperatives	44	0	12	18	20	46
Maximum Points Available	259	1,000	110	110	N/A - All Imperatives are mandatory for full Living Building Certification	1,100
Minimum Total Points Required for Certification Levels	New Construction - 35 Renovation - 30	1 Globe - 350 2 Globes - 550 3 Globes - 700 4 Globes - 850	Certified - 40 Silver - 50 Gold - 60 Platinum - 80	Certified - 40 Silver - 50 Gold - 60 Platinum - 80	N/A All criteria must be achieved to obtain full LBC Certification	Bronze - 231 Silver - 334 Gold - 489 Emerald - 611
Minimum Points Required for Each Green Practice Category? (Water Efficiency, Energy Efficiency, etc.)	No	No	No	No	Yes - All Imperatives are mandatory for full Living Building Certification	Yes - All categories must achieve minimum points for each tier (Silver, Gold, etc.)
Site Development/Location Category	Yes	Yes	Yes	Yes	Yes	Yes
Construction Waste and Building Materials/Resources Category	Yes	Yes	Yes	Yes	Yes	Yes
Energy Efficiency Category	Yes	Yes	Yes	Yes	Yes	Yes
Water Efficiency Category	Yes	Yes	Yes	Yes	Yes	Yes
Indoor Environmental Quality Category	Yes	Yes	Yes	Yes	Yes	Yes
Owner Education and Training Category	Yes	No	No	No	No	Yes
Energy Codes / Energy Performance Baselines	ENERGY STAR New Homes (New) ENERGY STAR Multifamily High Rise (New) HERS Index (Rehabs) ASHRAE 90.1-2010 (Rehabs)	ENERGY STAR Target Finder ASHRAE-90.1-2010 ANSI/GB 01-2010 ASHRAE Building Energy Quotient	ASHRAE 90.1-2010	HERS Index ENERGY STAR for Homes V3	Building must be Net-Zero Energy	IECC 2015 HERS Index ENERGY STAR for Homes V3
Onsite Inspections	Projects are randomly selected for onsite verification on a quarterly basis	1 - Post-construction	No onsite inspections required	2 - Pre-drywall and Post-construction	1 - Post-construction	2 - Pre-drywall and Post-construction
Certification Fees (Only includes Certification Fees administered by Certifying Body)	No registration or certification fees associated with this program	Registration and certification fees quoted per each individual project	All Buildings: Registration: \$900 Certification: \$2,750 to \$30,000 (based on sq ft)	Single-family: Registration: \$125 to \$225/home Multifamily: Registration: \$900 to \$1,050 Certification: \$0.040 to \$0.045/sq ft	Single-family: Combined Registration & Certification: \$1,750 to \$3,500/home (based on sq ft) Institution/Commercial/Multifamily: Combined Registration & Certification: \$2,500 to \$20,000+ (based on sq ft)	Single-family: Registration: \$0 Certification: \$200/home Multifamily: Registration: \$0 Certification: \$200 to \$600 + \$30/unit
Possible Additional Fees	None	Additional fees quoted per each individual project	Inquiries: \$220/credit Appeals: \$500 to \$800/credit	Inquiries: \$220/credit Appeals: \$500 to \$800/credit Green Rater Fee: Market Price	Inquiries: \$0 Appeals: \$0	Inquiries: \$0 Appeals: \$0 Green Verifer Fee: Market Price
Approved Product List	No	No	No	No	Yes (www.living-future.org/declare)	Yes (www.homeinnovation.com/services/certification/green_certified_products)
For additional information about getting your project certified	www.enterprisecommunity.org/solutions-and-innovation/green-communities/certification/eligibility	www.thegbi.org/guiding-principles-compliance-certification/new-construction/	www.gbci.org/certification	www.gbci.org/certification	www.living-future.org/lbc/certification	www.homeinnovation.com/services/certification/green_homes
Copies of Rating System	www.enterprisecommunity.org/solutions-and-innovation/green-communities/criteria	www.thegbi.org/training/user-resources/downloads/?topic=Green+Globes+NC	www.usgbc.org/credits/new-construction/v4	www.usgbc.org/credits/homes/v4 www.usgbc.org/credits/mid-rise/v4	www.living-future.org/lbc/support	www.builderbooks.com/book/green-building/icc-ashrae-700-2015-national-green-building-standard.html