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Electronic Newsletter for Green Residential Building

February 2008

Sponsors



Mission

Our mission is to promote ecologically friendly home building methods and practices, and to enhance our communities through leadership in sustainable development.

Featured Project



View the case study [here](#).

Greenlite LLC

Vital Stats	
Location:	Tukwila
Star Level:	4-Star
Checklist:	Single Family / Townhome
Square Feet:	2100+
Section	Points
Site and Water	100
Energy Efficiency	113
Indoor Air Quality	82
Material Efficiency	64
House Size Multiplier	1.05
Home Total Score	376.95

This month's featured home is a 4-Star single family home in Tukwila built by Greenlite LLC. Featuring modern design, this home is built on an infill site and features extensive daylighting to reduce electrical lighting needs. That energy savings is augmented by a solar hot water system, radiant slab heating, and Energy Star appliances throughout. FSC certified maple cabinets, Paperstone Countertops, wool carpet, and a metal roof are among the green material choices. The site was developed such that no potable water irrigation is required for the landscaping, and dual-flush toilets were used as an in-home water saving strategy. The home is also located within 1/4 mile of a public transit stop.

Some of the many green features of the project include:

Feature

Register Now for the 2008 Built Green® Conference!



Save the date for our annual Built Green Conference

Thursday and Friday, March 13 and 14, 2008 at the Washington State Convention & Trade Center in Seattle, WA. We are pleased to announce Van Jones and Andrew Winston as our keynote speakers.

Andrew Winston, a national leader in green business development and co-author of the highly acclaimed book, "Green to Gold," will headline March 14. Winston is founder of Winston Eco-Strategies and works with leading companies to use environmental thinking to drive growth. He has consulted with start-ups and Fortune 500 companies such as Bank of America, Reuters, Cisco, and IKEA. His book, "Green to Gold," highlights what works - and what doesn't - when companies go "green." Winston is a nationally recognized expert on green business, and has written for or appeared in Time, Newsweek, Wall Street Journal, BusinessWeek, Forbes, The New York Times, The Washington Post, ABC News, National Public Radio and CNBC.



Van Jones will be the featured keynote speaker on March 13 and will address issues of affordability in Green Building and the development of "green collar jobs." Jones is a civil rights and human rights advocate, and founder of the Ella Baker Center for Human Rights in Oakland, CA. Over the past five years, Jones has emerged as a national environmental leader, focusing on social equity and "green collar jobs." In 2005, Jones produced the "Social Equity Track" for the United Nations' World Environment Day celebration.



In addition to the keynote speakers, the conference will also contain: two days of education focusing on high-performance building techniques, green marketing, affordability and green architecture; a green expo featuring over 125 booths; book signings; and much more!

This year's education sessions will be:

- Incorporating Solar into Affordable Housing:

Non-Profit

Built Green is a non-profit 501(c)3 organization accepting donations to promote green building and education programs

Statistics

Total homes certified since 2000
12,300

Total homes certified 2007
40

Total BG member companies
589

Resources

Construction Works

EnergyStar

Checklists

Northwest EnergyStar

Site and Water Protection

- Home was built on an infill lot
- Landscaping will require zero potable water use
- Minimum of 30% of existing trees were retained on the site
- Amended soils depth to 12 inches
- Used pervious material for a minimum of 1?3 of total area for driveways, walkways and patios
- Use of drought tolerant plants as landscaping
- Designed infiltration system to manage rooftop runoff
- Installation of dual flush toilets in the home
- Home is within 1?4 mile of a public transit stop

Energy Efficiency

- Used solar design strategy including extensive daylighting and planting of deciduous trees on south side of house
- Solar hot water system designed to provide at least 40% of homes hot water needs
- Hydronic slab to provide heating for home
- Heating equipment located inside the heated space
- Used on-demand hot water heating inside the heated space
- Energy Star appliances throughout

Material Use

- FSC certified maple used for cabinets
- Used recycled content siding with a 50-year warrantee
- Use of recycled content composite countertops
- Home contained no vinyl in windows, flooring, or siding
- Installed a metal roof
- Installed a built-in recycling center
- Powered at least one jobsite vehicle with biodiesel

Indoor Air Quality

- Garage detached or air-sealed from house
- Use of Low VOC paints and adhesives on all surfaces
- Ventilated with fans after new finish applications
- Selected formaldehyde free cabinetry, plywood and composites

Meeting the Bottom Line, Presented by Betsy Hands of homeWORD

- Permitting Innovation - Challenges and Solutions to Green Building Permitting
- The Inevitable Architect: An Introduction to Implementing Green Building in your Designs, Presented by Eric Corey Freed
- Beyond Standard Existence
- Update of Built Green Multifamily Checklist
- Green remodeling: how to succeed at high level green remodels
- Bringing Mosler Lofts to Market: Effectively Marketing Green Multifamily Projects
- The Built Green Incentive
- Green Building in Rural Areas
- Visionary Green Project: Orchard Garden Case Study
- Building A Zero Energy Project
- And much more!

For complete information on the conference educational sessions, exhibits and registration, please visit our [website](#).

Conference presented by:



Keynote speakers sponsored by:



If you are interested in sponsoring or exhibiting at the Built Green Conference, please visit the conference [website](#) or contact our Sales and Marketing Department at (425) 460-8219.

Built Green Volunteers

February marks the beginning of an incredibly busy time of year for Built Green. As mentioned above we are planning the 2008 Built Green Conference for March 13 and 14, at the Washington State Convention & Trade Center in Seattle. In addition, we will be participating in the Seattle Home Show, which takes place Feb. 16 through 24 at Qwest Field Event Center in Seattle. In planning for the Seattle Home Show, we take this opportunity to extend an offer out to people who may be interesting in learning more about the green building industry or supporting a local non-profit by volunteering at the Built Green booth at the Seattle Home Show. This is a great opportunity to support Built Green by educating people from the general public on green building principles, while giving you an opportunity to discuss green building topics and your association with the industry to hundreds of people. If you would like more information on

- Installed back dams or sloped sills at all windows
- Took measures to reduce dust in construction process
- Had envelope inspected by a qualified professional

To see other previously featured virtual tours, [click here](#).

Case study photo by Vista Estate Imaging.

New Members

Are you a Built Green member and a member of the Master Builders Association? Then your company is designated with a small green tree on the Master Builders Association [website](#) as a Built Green member. Your company is also listed on the Built Green [website](#).

Welcome to our newest member companies!

Autumn Miller - John L Scott Real Estate
Seattle's First EcoBroker
(206) 409-8907 in Seattle

Soleil LLC
(206) 282-9270 in Seattle

Triad Pacific
(206) 708-4007 in Edmonds

New Certifications

Congratulations to [Case Design & Project Management](#) for certifying 3 homes on 34th Avenue S. in Seattle as **3-Star** Built Green; [Cobb Construction Inc.](#) for certifying 13 townhomes in the on 44th Avenue SW and 18th Avenue SW in Seattle as **3-Star** Built Green; [Indigo Enterprises LLC](#) for certifying one home on 199th Avenue SE in Sammamish as **3-Star** Built Green; [Regency West Development Group](#) for certifying one home on Harrison Street in Issaquah as **4-Star** Built Green; [Rick Burnstead Construction Company](#) for certifying four homes on Timber Creek Drive NW in Issaquah and Windsor Drive SE in Sammamish as **3-Star** Built Green; and [WGC Inc.](#) for certifying three homes on NE 91st Street and N 95th Street in Seattle as **2-Star** Built Green and one home on Evanston Avenue N. in Seattle as **3-Star** Built Green!

Member News

Seattle Lighting Received ENERGY STAR Award 
Seattle Lighting has been awarded the 2008 ENERGY STAR Partner of Year for Lighting Showroom - the first category of its kind. Seattle Lighting offers a wide selection of ENERGY STAR qualified lighting fixtures, ceiling fans and ventilation products to the home building industry.

Lynden Door Inc. Achieves Chain of Custody

volunteering with Built Green, please contact Built Green Program Manager, Koben Calhoun, at (425) 460-8238 or by [email](#).

Events

Visit the [Built Green Washington](#) website for green home building courses and events across the state of Washington.

[Saturday to Sunday, Feb. 16 through 24, Qwest Field Event Center](#) **Seattle Home Show**

The Seattle Home Show offers Northwest residents an opportunity to see the latest in home design and technology. Many products and services are on display that take advantage of recycled materials, promote residential energy saving and contribute to sustainable construction practices. At this year's show, visitors can tour Palm Harbor Homes "Sunset" model home, designed to showcase green building and energy efficiency throughout. Carpets and countertops feature recycled content. The home is ENERGYSTAR®/Earth Advantage-certified. Seattle Mayor Greg Nickels will speak on opening day, Feb. 16, at the Puget Sound Energy booth on energy conservation and the city's program, Seattle Climate Action Now.

[Friday, Feb. 8](#)

Green Lunches, powered by Noonhat

On the second Friday of every month, check out Green Lunches - the latest exciting opportunity to meet other Greendrinkers! If you feel Seattle Greendrinkers is sometimes a bit intimidating, or that you'd like a little more time with fewer people, here's your opportunity. Click [here](#) for more information and to sign up now!

[Wednesday, Feb. 13, Seattle Town Hall](#)

The Future of Puget Sound: Applying Ecological Economics to Our Area

David Batker, MS, and Katherine Davies, DPhil discuss what an application of ecological economics means to the Puget Sound region. The region currently serves as a major case study for a whole-system-based analysis by the Gund Institute. The effort is headed locally by Earth Economics where David Batker is the founder and director. He will give an overview of the critical concepts of ecological economics with specific application to the Puget Sound watershed and present ideas and solutions for our region. Dr. Davies will expand our understanding of the ecological economics framework and highlight the connection between our health, environment and economy. Click [here](#) for tickets and more information.

Time: 6:30 p.m. to 8 p.m.

Location: Town Hall Seattle, 1119 Eighth Ave. (at Seneca Street), Seattle

Classes

Classes listed below are approved workshops for fulfilling the annual Built Green education requirement for certifying projects.

[Tuesday, Feb. 12, MBA Housing Center, Bellevue](#) **Introduction to Built Green®**

This seminar provides an introduction to the Built Green program from 8 a.m. to 10 a.m. on Tuesday,

Certification

Lynden Door Inc., a manufacturer of wood flush interior doors, announced that it has been third-party-certified for Forest Stewardship Council (FSC) Chain of Custody (SGS-COC-003855). Upon receiving the FSC Chain of Custody certification, Senior Vice President John Ridder commented, "Lynden Door is committed to ongoing growth of environmentally intelligent product portfolio choices. We already have several exceptional 'green' products and strong working relationships with suppliers have allowed us to be environmental leaders in the door industry. We are now able to leverage those existing positive factors with our new certifications for even greater manufacturing flexibility. Chain of Custody certification is a finite example of our willingness to invest in meaningful environmental initiatives."



Fall 2007 Built Green Incentive Recipients



The Fall 2007 Built Green Incentive awardees have been announced. The Built Green Incentive is a competitive program that provides grants that encourages builders, designers, or homeowners to meet 4- or 5-star Built Green certification and other key environmental performance benchmarks. Built Green, a program of the MBA, offers the Built Green Incentive through a partnership with Seattle Public Utilities, the King County Department of Natural Resources and Parks, and King County's GreenTools Program.

Built Green Incentive awardees for Fall 2007 are:

- DeForest Architects for Ravine House - 5-Star SF (\$5,000)
- Camaron LLP for Awayamason II - 5-Star SF (\$5,000)
- ShoreCliff Development LLC for ShoreCliff Estates -5-Star SF four or more units (\$7,000)
- GreenWorks Development LLC for The Trails at Newcastle -4-Star SF ten or more units (\$10,000)

Additional performance requirements for qualifying projects include recycling at least 75 percent of construction and demolition waste, installing high efficiency fixtures and appliances, and meeting King County's requirements for stormwater and soils management. Projects must apply for the Built Green Incentive prior to having a final building permit to be eligible for the.

For more information about the Built Green Incentive and upcoming application rounds, please contact Koben Calhoun at (425) 460-8235, or by [email](#).



February 12 at MBA Housing Center, 335 116th Ave. SE in Bellevue. Learn how to certify a project and use the checklist, how to join, how the program works and other resources. The seminar presents examples of projects and covers how to fill out the Built Green checklist. ***This orientation has a cost of \$30 and is required in order to certify homes as Built Green.*** To register, contact the MBA University registrar at education@mbaks.com or go [online](#).

Wednesday, Feb. 19, Renton Technical College, Blencoe Auditorium

Free Green Building Workshop

The buildings in which we live, work, and play protect us from nature's extremes, yet they also affect our health and environment in countless ways. Experts will explain the basic concepts of green building, followed by an overview of the greening of the construction industry in Washington State, including current green building standards, policies and market forces driving the movement. Find out how green building will affect you, and how you can get on board with the green building movement.

Time: 5:00 p.m. to 6:30 p.m.

To Register: Call 1-866-295-8764

For more information about the workshop, contact Julia Cordero by [email](#) or at 425-235-2352 ext. 5582.

Wednesday, March 5, Bellevue

Green Roof Design 101 Introductory Course

Learning Objectives:

This introductory training course on green roof infrastructure design presents many of the tools and techniques needed to meet your green roof project objectives on schedule, to specification, and within budget. The focus of the training will be on enhancing your skills in:

- * Identifying the costs and benefits of green roofs to reach your green roof performance goals;
- * Identifying a variety of green roof products and understanding the performance criteria of different green roof elements, and their relevance to your design intent;
- * Understanding the major design principles for a successful green roof project and the causes for error which might lead to an unsuccessful green roof project;
- * Determining the various professions and competencies required to optimally implement your successful green roof project.

For more information on the course and it's contents, please refer to our website www.greenroofs.org.

Location: MBA Housing Center, 335 116th Ave SE, Bellevue, WA 98004

Tuition: Tuition for this one-day course is \$399 for a non-GRHC Member and \$349 for a Professional Member. Tuition includes course materials, continental breakfast, lunch, and breaks. If paying by cheque, please note it must be received in our office no later than three days before the event. Registrations may be canceled by a participant up to THREE DAYS prior to the event, and will incur a \$50 cancellation fee. We regret that we cannot cancel a registration after that point.



Master Builders





BG Program News

Classes listed below are approved workshops for fulfilling the annual Built Green education requirement for certifying projects.

Over the past two years Built Green has continued to grow to meet both market demands and member needs. After a year and a half of consistent high quality work as Built Green Coordinator, Koben Calhoun has recently been promoted to the position of Built Green Program Manager. Koben has been an integral part of Built Green's success and will continue to be a great steward for the program.

Association

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Master Builders Association Calendar of Events

If you have news items for this newsletter, please send us an [email](mailto:builtin@mbaks.com). Click here for [Directions](#) to the Master Builders Association.



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