



Building Science (BS)

BS-1. Energy Star & Building America. Energy Star is a key component for compliance with the “Evergreen Standard.” Compliance with NW Energy Star will provide long-term cost saving to the homeowner. The Building America program provides cost effective methods to build a better house.

BS-2. Advanced Wall Framing. This technology allows us to use less material and build a better, more energy efficient house.

BS-3. Heating and Cooling. Learn how to meet NW Energy Star (BOP-1) requirements, options for your BOP-2 homes, and how to properly seal ductwork.

BS-4. Build it Right: Ventilate It. Construction of an energy efficient house requires critical attention to detail and excellent sealing techniques. Today’s homes are much tighter and therefore proper ventilation is critical.

BS-5. Engineered Wood, Reduce, Recycle. The Evergreen Standard gives credit for using engineered wood products to build a better house (ES6-3). Another option is to use products containing recycled content materials (ES6-2). Construction waste contributes negatively to our landfills – we’ll also look at ways to reuse and reduce items going to the landfill.

Pre-Development & Planning (PD)

PD-1. What’s a Charrette & How Do I Get One? A key component in Section One of the “Evergreen Standard” is having a well-documented ECO Charrette. This is a form of “Brain Storming” session where goals are presented at the initial project development stage and ownership is taken by all parties.

PD-2. Location, Location, Location & Sustainable Sites. Site and house orientation can maximize the effects of solar gain and summer cooling. Learn how to work within the constraints of your site.

PD-3. Water and Walkways. Learn about simple, affordable, and effective ways to address water drainage and water conservation.

PD-4. Healthier Homes: Wood, Paint, Flooring. Section 7 of the “Evergreen Standard” addresses mandatory use of low / no VOC products, formaldehyde free products and “Green Labeled” flooring. This presentation will provide guidance to achieve these mandatory goals.

PD-5. How Green is Green? Net Zero for Affordable Homes? Net Zero is one way to dramatically reduce escalating energy costs. Some Habitat affiliates are building Net Zero Homes; others make their homes solar ready. What can we do in the Pacific Northwest?



Policy and Practice (PO)

PO-1. Why Build It Green? We need to build affordable homes that reduce the long-term operating cost for the occupants. These homes must promote reduced health care costs, be energy efficient, provide operational savings and use sustainable building practices.

PO-2. Energy Policy & Climate Change: What Should We Know? What Can We Do? We are building affordable homes in a rapidly changing world. Board policy must support integrated design for each project. We need to keep our planning process simple and achievable and to have a written product.

PO-3. Green Media & Marketing Strategies. “Green” is all around us. What does “Green” mean for affordable housing and how do we talk about it with the public, with our supporters, with our homeowners?

PO-4. The Evergreen Standard: Bringing It All Together – Introduction. This session is designed for Washington State Housing Trust Fund Homeownership Program recipients.

PO-5. The Evergreen Standard: Bringing It All Together – Advanced. This session is designed for Washington State Housing Trust Fund Homeownership Program recipients.

Sustainable Green Homes (SG)

SG-1. Rebates, Rates & Services. Habitat affiliates and other homebuilders and homeowners can benefit from the wide range of Green and Energy Star rebates, rates and services through local utility companies and targeted programs. Be sure you are on top of what is available in your community.

SG-2. Living in a Green House: Participants will develop a simple Homeowner Manual that meets the Evergreen Standard and can be easily adapted to local conditions – including language requirements.

SG-3. Growing Green: Landscaping East & West. Grass is one of the most water dependent ground covers. By using native vegetation and / or more water tolerant ground cover we can reduce the costs to the homeowner and be more environmentally responsible.

SG-4. Welcome Sunshine: East & West. The sun is a great free resource. Learn to maximize the energy efficiency of your home in both the summer and winter with both “old school” and new technologies. Don’t forget moisture control.

SG-5. Homeowner Education & Homeowner Manuals. You have developed a good homeowner manual. Now you need to train the homeowner how to use the manual and operate the house. How do you do this in ways that recognize the learning style and culture of the homeowner?



Mainstream
Green
Conference
October 3 – 4, 2008

Programs and Partners (PR)

PR-1. Green Funding Sources. An opportunity to talk with representatives of private foundations, government, and business about resources for Building Green.

PR-2. Green Building Partners. Every Washington State Housing Trust Fund recipient must build to the Evergreen Standard. Working together we'll benefit from each other's experience and resources.

PR-3. Habitat for Humanity International Programs and the Evergreen Standard. How do HFHI programs fit with the Evergreen Standard? What can our experience contribute to HFHI's Sustainable Building program? Come and talk with HFHI national staff.

PR-4. Green Strategies for Existing Homes - Weatherization. Homeowners can make their existing home "greener" and more energy efficient. Learn from the experts.

PR-5. Green Strategies for Existing Homes – Remodeling. What if you are remodeling an existing home? Can you bring it into compliance with the Evergreen Standard? Talk with the experts.