



# GREEN & SUSTAINABLE IN VT 2005

**Conference & Trade Fair**  
**Basin Harbor Club, Vergennes, VT**  
**May 12-13**

## **SCHEDULE**

5 - 8 PM, Thursday, May 12 **TRADE FAIR OPENING MIXER**  
7 - 8 AM, Friday May 13 **REGISTRATION, TRADE FAIR & BREAKFAST**

## **KEYNOTE**

8:30-10 **'TRENDS IN GREEN BUILDING'**

**Speaker: Nadav Malin** *VP & Editor – Environmental Building News*

Trends in Green Building: From Innovation to the Mainstream. Nadav Malin will present key design and strategy trends in the green building field, and discuss how these have moved from the fringe into the center of good design. He will also outline some influences in the market today that may determine the future of green building.

10-10:30 **BREAK, SNACKS & TRADE FAIR**

## **SEMINAR 'A1'**

10-10:30 **'HOW GREEN IS IT?'**....Evaluating Products as if the Earth Were Your Client

**Speaker: Nadav Malin** *VP & Editor – Environmental Building News*

Sorting through manufacturers' claims and clients' demands for green products can be daunting. This presentation will outline some of the tools and methods available, and then show how they can help determine which products are most appropriate for a green building project. Audience participation is expected.

## **SEMINAR 'A2'**

10-10:30 **'OBTAINING FSC-CERTIFIED WOOD AND WOOD PRODUCTS'....THE SUPPLY SIDE.**

**Speaker: Doug Patterson, LEED-CP** *Cornerstone Forest Products Specialist, VSJF*

**Panelists: Jeff Smith, John Lomas, Ken Gagnon, Louis DuPont**

What is FSC-certification and how does it fit with the USGBC LEED program. What makes a forest FSC-certified? What certified species and products are available in Vermont and what companies are FSC-certified? These and other questions will be answered and explored by Doug Patterson and a panel of FSC-certified company representatives. This workshop will be useful to architects, specifiers, owners and contractors seeking FSC-certified products and wood and wood products sourced from Vermont.

12-1:30 **LUNCH & TRADE FAIR**

## SEMINAR 'B1'

1-2:30 **'LEED CONSTRUCTION PROCESS'**

**Speaker: Andy Shapiro, LEED-CP** *Energy Balance, Inc.*

LEED Engineering Consultant and Project LEED Coordinator, Andy Shapiro, will take us through the applied process of constructing Vermont's latest Gold Certified LEED project, Wind NRG Systems in Hinesburg, VT. Learn application methods, including going beyond LEED in the spirit of Green Building. Find out the difference a supportive Owner-A/E-Constructor green-team can accomplish!

## SEMINAR 'B2'

1-2:30 **'APPLYING GREEN BUILDING RATING SYSTEMS'...From Affordable Housing To The Freedom Tower.**

**Speaker: Gunnar Hubbard, AIA** *Principal, Fore Solutions & LEED-CI Faculty*

Discover how to approach greening a wide range of building projects using green rating systems like LEED-NC, LEED-CI, LEED-EB, EnergyStar, GreenGuard, and others. Gunnar was involved in Greening the Whitehouse under Bill Clinton and recently consulted on greening the Freedom Tower in Manhattan.

2:30-3 **BREAK, SNACKS & TRADE FAIR FINALE**

## SEMINAR 'C1'

3-4:30 **"BUILDING WITH LOCAL AND CERTIFIED WOOD: AN OWNERS PERSPECTIVE"**

**Speaker: Ed Delhagen** *Managing Director - VT Sustainable Jobs Fund*

**Panelists: Mark H. Gleason & Jennifer Oster Bleich** *Middlebury College*

More institutions seeking LEED accreditation are sourcing certified and local wood for their facilities. What was once a novel concept is now well developed in Vermont. The rising demand from leaders in Vermont's green building sector has transformed traditional wood procurement practices. When an owner or firm decides to source with local and/or certified wood, designers and architects embark on a quest to find products that meet the intended needs at affordable prices. This session will include practical tips for others that want to make commitments to long-term forest health, supporting local economies, and delivering high quality products to their clients.

## SEMINAR 'C2'

3-4:30 **'INTEGRATED GREEN DESIGN'**

**Speaker: Gunnar Hubbard, AIA** *Principal, Fore Solutions & LEED-CI Faculty*

This interactive seminar addresses aspects of Integrated Design from process dynamics to framing the initial design problem to building practical strategies. Topics include:

- What makes a project 'green'?
- What issues and challenges does green design raise?
- Who sets goals for the project?
- How are design decisions made?
- What are the models for Integrated Design?

Participants will walk away armed with a new methodology, which will help transform the way they approach projects and create buildings.

## TOUR 'C3'

3:30-5:00 **'WIND NRG SYSTEM FACILITY TOUR'** **Docent: Andy Shapiro, LEED-CP** *Energy Balance, Inc.*

Andy will take us through the operational Wind NRG Systems facility in Hinesburg. Vermont's latest LEED Gold building. Leave BHC around 2:45 to get there in time. Carpool and return to BHC or go home from Hinesburg.

**Nadav Malin** is vice president of BuildingGreen, Inc. and serves as editor of Environmental Building News, a monthly newsletter on environmentally responsible design and construction and coeditor of the GreenSpec product directory. He is chair of the Materials and Resources Technical Advisory Group for the U.S. Green Building Council's LEED™ Rating System, a LEED Faculty Member, and a LEED Accredited Professional. He was a principal author of the Applications Reports for the Environmental Resource Guide that compares the environmental value of different building materials in various applications, and he coauthored the chapter on building materials for Time Saver Standards. He has written numerous articles for publications including Architectural Record and The Construction Specifier. Nadav consults and lectures widely on sustainable design, with a particular focus on green materials. In addition to running LEED training workshops, he has taught seminars for various USGBC chapters, CSI chapters, state AIA chapters, and private architecture firms. He also served on the U.S. team for Green Building Challenge, manages the U.S. Department of Energy's High Performance Buildings Database project, and leads the content development team for Web and software resources at BuildingGreen.com.

**Gunnar Hubbard, AIA** is Principal of Fore Solutions, an international high performance, green building consulting firm located in Portland, ME. As an Architect and an accredited LEED Professional, he is currently consulting on projects across the US and in England, which range from schools to large commercial buildings to retail and civic buildings. As an architect, he has designed commercial and residential projects throughout the Northeast,

the San Francisco Bay Area, the Northwest, and several projects abroad. He is currently vice-chair of Maine's newly formed Chapter of the US Green Building Council, and is a USGBC LEED-CI (Commercial Interiors) faculty member. He is also an Ex-Executive Director of Yestermorrow. Gunnar holds a B.S. in Environmental Studies from the University of Vermont and a Master of Architecture from the University of Oregon.

**Andy Shapiro's** goal is to create high performance buildings that meet the needs of the occupants, the builders and the earth and inspire visitors. He has provided energy and other green building design consulting services for 25 years to a wide variety of clients, including owners, architects, engineers and builders, as well as towns, housing developers, universities, businesses and electric utilities. Services range from sustainable building design to research and monitoring projects. He is also the Scientist-in-the-Classroom for the Vermont Energy Education Program, training teachers and students from elementary to high school. He holds an Engineering degree from Brown University and is the author of a number of energy-related publications.

Recent projects include the NRG Systems manufacturing and office facility, a LEED Gold manufacturing and office facility in Hinesburg, Vermont; Waterfront Housing, a LEED certified affordable housing project on the Burlington, Vermont Waterfront; ECHO at the Leahy Center for the Lake, a science museum on the Burlington, Vermont, waterfront, the first LEED certified building in Vermont; and the Bennington State Office Building, a high performance retrofit and addition for Community College classrooms and Health Department offices.

**Doug Patterson** is the Cornerstone Forest Products Specialist for the Vermont Sustainable Jobs Fund. Doug has been involved in forest and forest products certification for over 10 years and has given presentations to architects and green building experts at workshops, conferences, and in-office. He has been an auditor for SmartWood - a FSC certification body, worked with Certified Wood and Paper Association as the East Coast Market Coordinator, and Certification Manager for ForestWorld.

Doug previously worked as Products Editor for Environmental Building News and ran a business selling green building products. In addition to his work with the Cornerstone Project, Doug is a partner in a biodiesel/biofuels sales and distribution company - BioQuantum - based in Vermont.

#### **FSC PANEL OF EXPERTS**

**Jeff Smith** is the forester for Meadowsend Timberlands Limited/The Ecosystem Management Company. Jeff manages FSC certified forestland in VT and NH.

**John Lomas** from Cotswold Furniture Makers. John has done work for Middlebury College and has a show room in Stowe and production facilities in Whiting.

**Ken Gagnon** of Gagnon Lumber is a Sawmill operator and owner in Pittsford, VT.

**Louis DuPont** is from Stark Mountain Woodworking, an architectural millwork/casework manufacturer in New Haven, VT.

#### **Edward Delhagen** *Managing Director - VSJF*

Edward Delhagen manages finances, grants and projects for the Vermont Sustainable Jobs Fund. VSJF is a state-supported economic development non-profit that facilitates the creation of quality jobs in businesses that protect the environment and pay living wages. Ed's work focuses on building new markets for local goods and forming networks of innovative businesses to take advantage of opportunities. He manages the Cornerstone Project, a public/private partnership established in 2001 to help large Vermont institutions source local and sustainably produced materials. He holds a B.S. in geology and biology from Brown University, and a M.S. from the University of Michigan in natural resources management.

#### **Jennifer Oster Bleich**

Jennifer has worked in the Office of Facilities Planning at Middlebury College since 2001. She has been responsible for a variety of projects at the College, including the selection and procurement of Vermont-crafted wood furnishings for Ross Commons, the new Library and Atwater Commons. Ms. Bleich holds a BA from the University of Richmond, VA (1995), an MA from the University of Bristol, England (1998) and an MS from Columbia University's Graduate School of Architecture Planning and Preservation (2000).

#### **Mark H. Gleason**

Mark Gleason is a Project Manager in the Office of Facilities Planning at Middlebury College, located in Middlebury, Vermont. Since joining the College in March 2002, he has been responsible for planning, permitting, and construction of several capital projects, the largest and most recent being a three-building, \$32 million project at Atwater Commons. This project includes two residence halls totaling 94,000 sf, a 21,500 sf dining hall with green roof, and associated courtyard landscape. Prior to joining Middlebury College, he was a civil and environmental engineering consultant for 14 years. He holds a Bachelor of Science degree in Geological Engineering from Princeton University (1988) and a Master of Science degree in Civil Engineering from the University of Texas at Austin (1993). He is a Registered Professional Engineer in several states

#### **ABOUT BASIN HARBOR CLUB**

Basin Harbor Club is a 'Vermont Green Facility' Resort on the shores of Lake Champlain, 5 miles west of Vergennes. To get there, unless you fly into their small airplane landing strip, go south on Route 7 from Burlington (45 min.), north from Rutland (1 hr.) or take the scenic Route 125 from the east and go north about 12 miles from the Chaplain Bridge.

Check out [www.basinharbor.com](http://www.basinharbor.com) and call 800-622-4000 for reservations.

Special room rates for Thursday nights apply (Friday is a bit more.)

Lodge & Homestead Rooms: \$109.00\*

Studio Cottages: \$149.00\*

1 Bdrm Cottages: \$199.00\*

2 Bdrm Cottages: \$218.00\* (2 can share for \$109\* each)

3 Bdrm Cottages: \$327.00\* (3 can share for \$109\* each)

\* plus 9% state tax

ps: *Stay over another day and play some golf !*

**TECHNICAL PROGRAM REGISTRATION**

Name:.....

Company.....

Phone:.....AIA #.....

E-mail:.....

❖ 5:00-8:00pm Trade Fair Thursday Opening Mixer

◆ 7:00-8:20am Friday Registration + Breakfast

**Check box to indicate attendance of following sessions**

**Key\*** 8:30-10:00 'TRENDS IN GREEN BUILDING'

**A1\*** 10:30-12:00 'HOW GREEN IS IT?'

**A2\*** 10:30-12:00 'OBTAINING FSC-CERTIFIED WOOD AND WOOD PRODUCTS....The Supply Side'

**L1\*** 12:00-1:30 LUNCH + PRODUCT FAIR

**B1\*** 1:30-3:00 'LEED CONSTRUCTION PROCESS'...Wind NRG Systems Gold Certified Project

**B2\*** 1:30-3:00 'APPLYING GREEN BUILDING RATING SYSTEMS....Affordable Housing to the Freedom Tower.

**C1\*** 3:00-4:30 "Building with Local and Certified Wood: An OWNERS Perspective"

**C2\*** 3:00-4:30 'INTEGRATED GREEN DESIGN'

**C3\*** 3:30-5:00 'TOUR OF WIND NRG SYSTEMS'

*\*AIA Members will receive up to 6 AIA/CES Learning Units*

**COST:**

**By 5/4/05** \$40.00 CSI Member \$60.00 Non Member

**After 5/4** \$60.00 CSI Member \$80.00 Non Member

Make Check payable to "Vermont Chapter CSI."

Complete this section, detach or copy and mail with Conference Registration Form to:

Vermont Chapter CSI, P.O. Box 64902, Burlington VT 05406

Or fax to 802-865-4579

**REGISTRATION DEADLINE: May 4, 2005**

**'Green & Sustainable in VT - 2005'**

Questions?

E-mail [campcsi@earthlink.net](mailto:campcsi@earthlink.net) or [johnk@donvac.com](mailto:johnk@donvac.com)