

In This Issue

[Articles of Interest: Legislative Session Roundup and Other News Stories](#)

[Earn the FGBC Certified Green Professional Designation](#)

[National Model Building Energy Code...Funded by National Budget](#)

[Report: The Business Case for Green Building](#)

[Green Key Village Commits to FGBC Certification](#)

[What Can We Learn from These Distinctions of Sustainability?](#)

[DOE Seeking Blower Door Test Results from Multifamily Buildings](#)

[NREL Seeking Peer Reviewers for Building America Program](#)

[Keeping Up With Building Technology](#)

[APA Launches Mobile Builder Tips](#)

[Job Opportunity - Senior Architect - Maitland Area](#)

[Net Zero Energy Training Set for July 18 in Miami](#)

[FDOT Tests 14-Foot LED Streetlights](#)

[Earn Cash Back with FGBC Rewards Program](#)

Earn the FGBC Green Professional Designation



Credentials are what set you above the competition and distinguish you as an expert - the go to person for excellence. Don't miss the opportunity to earn the [FGBC Certified Green Professional](#) designation by attending

the Florida Green Building Coalition's annual GreenTrends Conference & Tradeshow set for August 21-23, 2013 at the Ritz Carlton in Sarasota.

This year we've designed the education program so that by attending both days and passing an exam you're eligible to apply for the FGBC Green Professional designation. (Check the FGBC website for other qualifying requirements.)

This intensive 2-day program covers all the bases: building science principles, site development, building envelopes, resource and energy efficiency, water conservation, indoor air quality, effective operations and maintenance, and marketing the value of green. The program also offers the following continuing education credits:

- 16 CEUs for Contractors-CILB Course #0608298
- 12 CEUs for Architects-Course #9878267

[GreenTrends 2013](#) "bridges the divide" between standard skills and the new skills required to understand and successfully implement green building. [Register Today!](#)



National Model Building Energy Code Funded by National Budget

In April, Washington introduced the "Energy Savings and Industrial Competitiveness Act" aimed at creating a national "model building energy code" that would set minimum

[FGBC Welcomes New Members & Certifying Agents](#)

**GreenTrends 2013
Save the Date!**

Bridging the Divide



**August 20-23, 2013
Ritz-Carlton
Sarasota
Sarasota, FL**
www.GreenTrends.org

REGISTER NOW!

Get Your Credentials

Earn FGBC's Certified
Green Professional
Designation

16 CEUs for Contractors-
CILB Course #0608298

12 CEUs for Architects-
Course #9878267

FGBC Certifying Agent
Annual Verification

RESERVE A BOOTH

**\$100 Early-Bird Discount
Valid through 5/31/13**

performance targets for federal, commercial and residential buildings. It further provides a certification process for compliance by state and local governments to adopt state energy codes that meet or exceed the national code. Validation of compliance will include independent inspections of a random sampling of buildings. Lack of the certification may be a consideration for \$200 million Federal support (up to \$750,000 for each state) authorized in the bill for technical assistance, implementation and training.

The baseline for updating model building energy codes will be the 2009 IECC for residential buildings and ASHRAE Standard 90.1-2010 for commercial buildings.

Through the bill's required feasibility and economics studies, experts will be looking at Code improvements that would require buildings be designed, sited, and constructed in a manner that makes the buildings more adaptable in the future to become zero-net-energy after initial construction, as advances are achieved in energy-saving technologies. Other analyses will look at code procedures to incorporate measured lifetimes, not just first-year energy use, in trade-offs and performance calculations.

Model building code performance targets will be adjusted in recognition of potential savings and costs relating to:

- A) efficiency gains made in appliances, lighting, windows, insulation, and building envelope sealing;
- B) advancement of distributed generation and on-site renewable power generation technologies;
- C) equipment improvements for heating, cooling, and ventilation systems;
- D) building management systems and SmartGrid technologies to reduce energy use; and
- E) other technologies, practices, and building systems that the Secretary considers appropriate regarding building plug load and other energy uses. [[View the Bill](#)]

Report: The Business Case for Green Building
Comprehensive study by the World Green Building Council

Those of us involved in green building are thirsty for information that validates its value and verifies the economical, environmental and social benefits well enough to convince the universe to 'get on board.' A recently released report, "The Business Case for Green Building: A Review of the Costs and Benefits for Developers, Investors and Occupants," examines whether or not it's possible to attach a financial value to the cost and benefits of green buildings.

Articles of Interest

Legislative Session Roundup

[\[More\]](#)

A Plan to Make Washington as Green as Google

[\[More\]](#)

Orlando, Tampa, Lakeland Among Best for Flipping Homes

[\[More\]](#)

Sustainability is Still A "Lead from the Top" Initiative

[\[More\]](#)

Floating, Solar-Activated Stormwater Treatment Device Shows Promise

[\[More\]](#)

Funding Opportunities

National & State Green Building Funding Opportunities

Quick Links

[Join FGBC](#)

[Linkedin Group](#)

[Facebook Blog](#)

Join Our List

[Join Our Mailing List!](#)

Certification Counts

"Florida Green" Certifications To Date Homes

392 Homes in 2013
5,839 total as of 5/14/13

Commercial Buildings

Registered: 22
Certified: 7

Hi-Rise

Registered: 5
Certified: 1

Today, green buildings can be delivered at a price comparable to conventional buildings and investments can be recouped through operational cost savings and, with the right design features, create a more productive workplace. Key findings of the report include:

Design and Construction Costs: There has been an overall trend towards the reduction in design and construction costs associated with green building as building codes around the world become stricter, supply chains for green materials and technologies mature and the industry becomes more skilled at delivering green buildings;

Asset Value: As investors and occupiers become more knowledgeable about and concerned with the environmental and social impacts of the built environment, buildings with better sustainability credentials will have increased marketability. Additionally, there is a demonstrated link between the green characteristics of buildings and the ability of these buildings, in some markets, to more easily attract tenants and to command higher rents and sale prices;

Operating Costs: Green buildings have been shown to save money through reduced energy and water consumption and lower long-term operations and maintenance costs. The energy savings alone typically exceed any cost premiums associated with their design and construction within a reasonable payback period;

Workplace Productivity and Health: There is an emerging body of evidence suggesting that the physical characteristics of buildings and indoor environments can influence worker productivity and occupant health and well-being, resulting in bottom line benefits for businesses;

Risk Mitigation: Sustainability risk factors can significantly affect the rental income and the future value of real estate assets, in turn affecting their return on investment. Regulatory risks have become increasingly apparent in countries and cities around the world, including mandatory disclosure, building codes and laws banning inefficient buildings.

The report concludes that by greening our built environment at the neighborhood and city scales, the green building industry can deliver on large-scale economic priorities such as climate change mitigation, energy security, resource conservation and job creation, long-term resilience and quality of life. [\[More\]](#)

Land Development

Registered: 61
Certified: 12

Local Government

Registered: 57
Certified: 46

Multi-Family

In 2013
3 Buildings
92 Units

Recent Certifications

City of Oldsmar

Date: 4-16-13
Score: 32%
Level: Silver

Recent Registrations

Beachwalk Hotel and Condominiums

Hallandale Beach
697,000 s.f. high-rise building, including 84 residential units, 216 hotel suites, and a restaurant

Chico's NSCC

Fort Myers
130,000 s.f. office building

Walmart

Hollywood
182,322 s.f. plus 13,412 outdoor garden center

Keywest Seaport Hotel

Key West
40,998 s.f. 96-unit hotel with amenities

Mariner Sands Fitness Facility

Stuart
8,062 s.f. recreation center

Florida State College- Jacksonville Bartram Degree Completion Center

50,190 s.f. business and assembly building

Florida Water Star Certifications NFWFMD and SRWMD Areas

5 Homes

Education Opportunities

Green Key Village Commits to FGBC Certification

The Green Key Village venture near Fruitland Park, Fla. comprises 145 eco-friendly homes available in ten customizable floor plans. Each will be fully sustainable as defined and certified by the Florida Green Building Coalition (FGBC) and the Home Energy Rating System (HERS). Green Key Village's biggest challenge was to ensure that each development could be customized, and result in a net-zero energy status at a cost-effective price. [\[More\]](#)

Distinctions of Sustainability What Can We Learn?

It's always interesting and educational to learn what successful sustainability actions are occurring outside of our sphere. The April 2013 issue of Business World Magazine has several in-depth case studies on Cincinnati, Winston-Salem and some national corporations.

Cincinnati, recognized as the "most tax friendly city for business," used less than \$2 million of its capital funds to leverage \$14 million in energy efficiency work through an energy services performance contract that now saves the city over \$1 million annually. (see page 234 of the link below).

Winston-Salem focused on cleaning up and tracking its own operations in a "lead by example" approach before executing one of the largest green education community outreach efforts. [\[More\]](#)

DOE Seeking Blower Door Test Results From Multifamily Buildings

The Building America research team, Consortium for Advanced Residential Buildings ([CARB](#)), is conducting research to develop an algorithm for predicting the fraction of total air leakage that is to the outside. Read the [summary](#) of preliminary work on this project. The current task is to build a sizeable database of test and unit characteristic data. The following information is needed:

- Blower door test results, both guarded and unguarded, for the same dwelling unit
- Dwelling unit characteristics including location within the building, floor area, window area, HVAC type
- Building characteristics including location, age and

1000 Friends of Florida
Free monthly webinars
[\[More\]](#)

June 6, 2013
FGBC Certifying Agent
Annual Verification
Course
Fort Lauderdale, FL
[\[Register\]](#)

August 21-22, 2013
FGBC Certifying Agent
Designation Course
Florida Solar Energy Center
Cocoa, FL
[\[Register\]](#)

August 21, 2013
FGBC Certifying Agent
Annual Verification
Course
Sarasota, FL
(In conjunction with
GreenTrends)
[\[Register\]](#)

August 23, 2013
Environmental
Symposium
Univ. of North Florida
Jacksonville, FL
[\[More\]](#)

November 15, 2013
FGBC Certifying Agent
Annual Verification
Course
Gainesville, FL
[\[Register\]](#)

Calendar of Events

May 15-17, 2013
National Brownfields
Conference
Georgia World Congress
Center
Atlanta, GA
[More](#)

May 18-23, 2013
BOAF Conference
Daytona Hilton
Daytona Beach, FL
[More](#)

May 22-25, 2013
FL City & County Mgmt
Assn (FCCMA)
Hilton Orlando
Orlando, FL

insulation levels.

For more information or to send data, contact [Dianne Griffiths](#).

NREL Seeking Peer Reviewers For Building America Program

NREL is looking for stakeholders of the [DOE Building America Program](#) to provide technical reviews of a wide variety of publications and topics that focus on residential energy innovations. The industry role, technical expertise and relative interest of each peer reviewer will be collected and aligned with the technical topic and intended audience of each publication. Please enroll to be a peer reviewer by going to the [NREL Residential Buildings Peer Review Site](#) and clicking 'Register Now'.

Keeping Up With Building Technology It's Part of Being a Green Building Expert

Looking for **best practices for high performance retrofits and new homes**? The [CARB](#) website offers technical reports, guidelines, and other resource materials. Another good source for finding expert **building science and energy efficiency resources** is the [DOE Building Technologies Program Library](#).

APA Launches Mobile Builder Tips

APA has introduced a new mobile format for its series of Builder Tips. The new format optimizes viewing from mobile devices, including tablets and smartphones. Each Builder Tip addresses a single common topic or challenge in today's building environment - such as panel buckling, squeaky floors, and nail pops - and is designed to help construction professionals save money and improve quality on the job through improved construction practices. Builder Tips can be viewed at www.apawood.org/buildertips or downloaded in PDF format.

The following Builder Tips are available in the new format, with more to follow next month.

- Prevent Buckling with Proper Spacing Includes spacing

[More](#)

June 20-22, 2013

AIA Annual Convention

Denver Convention Center
Denver, CO

[More](#)

July 11-13, 2013

SEBC

Orange County
Conventer Ctr
Orlando, FL

[More](#)

August 21-23, 2013

**GreenTrends Conerence
& Tradeshow**

Ritz Carlton
Sarasota, FL

[More](#)

**FGBC Committee
Meetings**

Affordable Housing

3rd Thursday
Monthly
10 a.m.

Board of Directors

2nd Wednesday
Monthly
3 p.m.

Commercial

1st Tuesday
Monthly
3 p.m.

Education

1st Thursday
Monthly
2 p.m.

GreenTrends

4th Tuesday
Monthly
2 p.m.

Hi-Rise

3rd Tuesday
Monthly
11 a.m.

Homes

2nd Tuesday
Monthly
2 p.m.

Land Development

4th Wednesday
Quarterly
4 p.m.

recommendations for APA Rated Sheathing, APA Rated Sturd-I-Floor, and APA 303 Siding

- Construct a Solid, Squeak-Free Floor System describes how to prevent floor complaints and callbacks with proper floor sheathing installation.
- Minimize Nail Pops describes how to reduce nail pops through recommended fastener selection and installation.
- Storage and Handling of APA Trademarked Panels provides guidelines to help protect panels from damage in storage, during shipment, and on the job site.
- APA Panels for Soffit Applications provides information on recommended panels and spans for open and closed soffits.
- Finishing APA Rated Siding describes recommended finishes and application recommendations for APA Rated Siding.
- Proper Storage and Handling of Glulam Beams provides recommendations for storage and handling of glulam beams.

Job Opportunity - Senior Architect - Maitland Area

Slocum Platts Architects is seeking an Intermediate / Senior Design Architect to join our Design Department. The position being offered is a full-time position in our Maitland office. Candidate should have a minimum of 5 yrs. experience with the capability to take a design from Concept and Design Development through complete coordination of Construction Documents with our Technical Department.

Essential skills:

- Proficient in AutoCad, Revit (preferred), and Microsoft Office programs.
- Must be well-spoken, diplomatic, and passionate.
- Must be able to multi-task and work among several projects at any given time.
- Must have knowledge of local building codes.
- Candidate should demonstrate effective communication, organization, and leadership skills.

Interested Candidates should forward the following to ads@slocumplatts.com for consideration:

- A letter of Interest
- Resume / CV (including references)
- Work Samples

Local Government

1st Tuesday
Monthly
10:30 a.m.

**Membership and
Programs & Promotions**

(Joint Meeting)
1st Wednesday
Monthly
3 p.m.

Net Zero Energy Training Set for July 18 in Miami

The US Department of Energy Challenge Home program will be conducting a Zero Net-Energy-Ready Home training program with its training partner, Innova Eco Building System in Miami on July 18, 2013. This 3.5-hour workshop provides builders, architects, developers, and product manufacturers with a comprehensive review of zero net-energy-ready home construction practices, including the business case, detailed specifications, and opportunities to be recognized as an industry leader in the Challenge Home program. AIA CEU credits are available. The course is free, however space is limited to the first 35 registrants. **To reserve your seat contact Jennifer at 305-455-7707 prior to July 8, 2013.**

FDOT Tests 14-Foot LED Streetlights

The Florida Department of Transportation (FDOT) is testing on parts of I-95 the efficiency and payback of Light-emitting Diodes (LED) street lights only 14-feet high, compared to the traditional, towering 45-foot interstate lights.

The \$508,729 state-funded project is the first of its kind that FDOT has tried in the nine-county district that includes Brevard County. Conventional lighting would have cost about half as much upfront. But FDOT expects the LEDs will use up to 30 percent less electricity and will last longer than traditional bulbs. [[More](#)]

Earn Cash Back with FGBC Rewards Program

The Florida Green Building Coalition Membership Committee recently announced a "Cash Back" rewards program. For every new member recruited, the sponsoring FGBC member earns 10 percent of the new member's annual membership fee. Rewards are applied to the sponsor's annual renewal. Check the FGBC website for details and to download.

Certifying Agents this is a no-brainer for you. Every time you contract for certification services, be sure to include an FGBC membership in your contract price. Fill out the membership form and submit with payment to FGBC to earn your rewards. [[More](#)]

FGBC Welcomes New Members & Certifying Agents

New Members:

- Bill Cook, RX Custom Builders, Inc., Winter Park
FGBC Sponsor: Drew Smith
- Andrew Floyd, Masco Home Services, Inc., Daytona Beach
- Mark Herman, Masco Home Services, Inc., Daytona Beach
- Tom Karras, E3 Building Sciences, Bonita Springs
FGBC Sponsor: John Kiefer
- Curtis Leonard, Titan America, Riverview
- Agis Mikrakis, Titan America, Riverview
- Bob Sutton, Sutton Engineered Systems, Dunedin
FGBC Sponsor: Ritchie Henley
- Mike Zito, Titan America, Riverview

Re-joining Members:

- Elio Gonzalez, Sunshine Power Research, Inc., Doral

New Certifying Agents:

- Mark Herman, Masco Home Services, Inc., Daytona Beach
- Tom Karras, E3 Building Sciences, Bonita Springs

Sincerely,

Suzanne Cook, CAE
FGBC Executive Director