

Green Building Standards

- City of West Palm Beach
- Sustainability Committee
- Review of Existing Green Building Standards
 - July 2, 2009

- Presented by Doug Wise

Types of Standards

- Proprietary Standards

- Those standards for which the respective copyright holder retains all rights including the ability for a consumer to utilize the standard at a specific site.

- Published Standards

- Those for which the copyright holder retains all rights for the published standard itself

- Public Standards

- Those standards developed by federal, state, or local governments..

Proprietary Standards

- Examples of Proprietary Standards
 - LEED – Leadership in Energy Efficient Design – A proprietary trademark of the U.S Green Building Council
 - Green Globes – A proprietary standard developed by the Canadian Energy Efficiency Alliance / ECD Energy and Environment Canada
 - BREEAM – (BRE Environmental Assessment Method)-Great Britain
 - Green Star - Australia

Published Standards

- Examples of Published Standards
 - The International Energy Efficiency Code 2006 Edition – Published by the International Code Council
 - The ANSI Green Building Standard 2008 Edition – Published by the American National Standards Institute in conjunction with the National Homebuilders Association and the International Code Council.

Public Standards

- Public Standards
 - The Florida Energy Code (Chapter 13 of the Florida Building Code) - [Florida Building Codes](#) (Based upon the ICC IEECBC)
 - The California Green Building Standards (California Code Title 24, Part 11) - [California Green Building Code](#) (Based upon the ICC IEECBC)
 - City and County Standards
 - [GBS Fact sheet WEB.pdf](#)

LEED List of Adoptions

- LEED Initiatives: By Locale

Legal Considerations

- There are significant legal implications to consider when adopting a standard
 - Federal Regulations – American Clean Energy and Security Act of 2009 (ACES).
 - <http://bcap-energy.org/node/428>
 - [waxman_markey.pdf](#)
 - Dillons Rule – *“The powers of the municipalities are limited to those powers expressly granted by the State or those powers implied and fundamental to those powers expressed”*.
 - FS 553.79 – Technical Amendments - [FS553.73](#)
[Florida Building Code](#)

Recommendations

- Utilize a published or public standard
 - Maximize use of available funds
 - Avoid individual project licensing fees if possible
 - Consider a Voluntary Standard
 - Avoid potential legal conflicts with existing State or Federal regulations
 - Use incentives to elicit cooperation
 - City funding sources,
 - Reduced fee schedules
 - Expedited / streamlined processing

Conclusions

- It is now painfully apparent that focusing on sustainability is a fundamental key to the future success of our society.
- While we can't predict exactly how future legislation and technology will shape our lives, we can choose to take a proactive (leadership) role rather than just reacting to challenges as they arise.

For Those Interested:

- *Hot, Flat, and Crowded – Why We Need a Green Revolution – And How it Can Renew America -Thomas L. Friedman
Three Time Pulitzer Prize Winning Author.*

Links

- Building Codes Assistance Project - <http://bcap-energy.org/>
- BusinessGreen.com - <http://www.businessgreen.com/>
- National Green Building Standard - <http://www.nahbgreen.org/Guidelines/ansistandard.aspx>
- U.S. Green Building Council LEED - <http://www.usgbc.org/DisplayPage.aspx?CategoryID=19>
- BREEAM - <http://www.breeam.org/>
- Green Star - <http://www.gbca.org.au/green-star/>
- Green Building Law Update - <http://www.greenbuildinglawupdate.com/>
- Florida Green Local government Standard - <http://www.floridagreenbuilding.org/db/standards/govs/default.htm>

The End

- Thank You for Your Attention!