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## **Integrating GreenFormat Data into Project Specification**

*Monday, October 19, 2009, 5pm (Atlanta) 4pm (Bogotá)*

*ASTM International is pleased to invite you for the conference*  
**Integrating GreenFormat Data into Project Specification**

Presented by

### **Paul R Bertram, Jr. FCSI, CDT, LEED AP**

Director, Environment and Sustainability  
PRB Connect

CSI GreenFormat Program Management Task Team Chairman

Conference will be conducted during the ASTM C16 Committee Week and broadcasted through the internet in cooperation with the ASTM Online Centers in Latin America. Participants from other areas also can join the conference per request.

**Learning Objectives:**

**Upon completing this program, the participant will have a better understanding of the following topics:**

- 1. Potential Building Product Evaluation Climate Change Influences**
- 2. Confirmation about the confusion determining what is a green building product**
- 3. Understanding single and multiple product attributes**
- 4. Type I, II, III labeling program differences and related ISO and related ASTM standards**
- 5. Green Product Certifications**
- 6. GreenFormat as an online tool for organizing Green Building Product Data**
- 7. LCA (Life Cycle Assessment) and green product evaluation**
- 8. Incorporating GreenFormat data into specifications**

The presentation begins with an overview of the climate change performance challenges influences from local, state, regional and federal global warming abatement strategies and their impacts on project specifications. The interactive discussion reviews the complexities in evaluation and specification of sustainable project requirements requiring targeted energy efficiency/GHG/carbon reductions of Architecture 2030. An update is also presented on current sustainability and ASTM International and ISO green product standards.



Argentina – AAHE / Colombia – ASOCRETO /Costa Rica - ICCYC  
Ecuador – APRHOPEC/ INECYC / Guatemala - ICCG  
México –AMIC /Panamá - APACRETO





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Additional topics include climate Type I, II, III eco-labels. Early environmental impacts will be explored by a summary review of the EcoCalculator with over 400 LCA's of various assemblies that is also being incorporated into LEED 2009.

As a result of all these influences considerable confusion exists in how green and/or sustainable building product attributes are being reported. The confusion has been exacerbated by a growing number of green building rating systems/programs that call for reporting of single sustainable product attributes as a basis for receiving points and credits. In addition, various third party certification programs have been developed to verify a product's sustainable attributes such as (but not limited to) VOC's (Volatile Organic Compounds), recycled content, and recyclability.

In response to the confusion of what constitutes a sustainable/green building product and to assist in the evaluation, specification and purchase of sustainable/green building products, CSI has developed *GreenFormat* that incorporates the relevant sustainability standards of ASTM, ISO, and others.

The session will conclude with an overview of GreenFomrat and how to utilize the data reported into project specifications.

**Paul R Bertram, Jr. FCSI, CDT - LEED AP**

Paul specializes in developing sustainable design strategies for the building team and is currently Director, - Environment and Sustainability for PRB Connect representing energy efficient, carbon neutral programs, net zero energy programs.

Paul is a Fellow of The Construction Specifications Institute and is a past Institute Vice President. He serves on the USGBC – LEED Materials and Resources Technical Advisory Group, ASHRAE Technical Committee on Sustainability, GreenGlobes ANSI committee, NAHB - National Green Building Standard ANSI committee, Sustainable Buildings Industry Council Technical committee, National Institute of Building Science – High Performance Building Committee (in behalf of CSI) and the NBIM committee, and is an allied member of AIA.

His first sustainable project was as part of Design and Development at Walt Disney World, working on the EPCOT project.

**About ASTM International:**

*ASTM International is one of the largest voluntary standards development organizations in the world-a trusted source for technical standards for materials, products, systems, and services. Known for their high technical quality and market relevancy, ASTM International standards have an important role in the information infrastructure that guides design, manufacturing and trade in the global economy. Standards developed at ASTM are the work of over 32,000 ASTM members. These technical experts represent producers, users, consumers, government and academia from over 135countries. Participation in ASTM International is open to all with a material interest, anywhere in the world. For more information please visit [www.astm.org](http://www.astm.org).*



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