

# Green Building Tools for Energy Savings and Climate Protection

A COG Regional Best Practices Workshop

May 5, 2011

8:30 am to 2:30 pm



## PROGRAM AGENDA

### CONTINENTAL BREAKFAST

8:30 am – 9:00 am

*COG Board Room Lounge*

### OPENING PLENARY

9:00 am – 10:00 am

*COG Board Room*

#### > Introductions (TBD)

- Green building as part of regional environmental and energy-climate plan
- Current local and regional policies for green building

#### > Emerging Advances in Green Building for Energy and Climate

Chris Pyke, USGBC

- Buildings role in GHG emissions and local energy budgets
- Buildings as opportunity nexus for improving energy savings and reducing impact

### MORNING BREAKOUT SESSIONS

10:15 am – 11:30 am

#### > The Green Building Toolbox for Energy Savings and Emissions Reduction

*Room Assignment: COG Board Room*

New construction tools: LEED-NC, ENERGY STAR modeling, building codes.

Existing buildings tools: ENERGY STAR benchmarking, LEED-EBOM, energy audits and monitoring.

Moderator: Caroline Keicher, IMT

#### Presenters

Stella Tarnay, District Dept. of the Environment

Jonathon Gritz, Vornado/Charles E. Smith

#### Commenters

Leslie Cook, US EPA

Laura Conant, Arlington County

## >Financing Tools for Best Practices in Buildings

### ***Room Assignment: Training Center (First Floor)***

Strategic approaches to financing energy efficiency and innovation in buildings (tapping into PACE, ESCOs, Power Purchase Agreements, tax incentives and other tools).

**Moderator:** Nicole Steele, Loudoun County

**Presenters**

**Baker Davenport**, SEFP

**Christopher Lohman**, US DOE

**Commenters**

**Nina Albert**, District Dept. of the Environment

**John Mitchell**, Prince William County

## **LUNCH → ON YOUR OWN**

11:30 am – 12:30 pm

## **AFTERNOON BREAKOUT SESSIONS**

12:30 pm to 1:45 pm

## >Policy, Regulatory, and Legislative Tools for Best Practices in Buildings

### ***Room Assignment: COG Board Room***

The local legislative and regulatory toolbox for raising buildings energy performance, including zoning and codes ordinances. Best regional and national models.

**Moderator:** Bill Updike, City Council, Mt. Rainier, MD

**Presenters**

**Cliff Majersik**, IMT

**Lane Burt**, USGBC

**Commenters**

**Joan Kelsch**, Arlington County

**Jenna Goodward**, WRI

## >Research and Innovation for Emissions Reduction

### ***Room Assignment: Training Center (First Floor)***

Emerging research and technology tools for best energy performance in buildings – and beyond, including renewables, living wall/roof systems, and district energy.

**Moderator:** Shannon Sentman, Chair, USGBC NCR Board

**Panelists**

**Dr. Soolyeon Cho, Ph.D.**, Catholic University

**Dr. David Tilley**, University of Maryland

**Mark James**, CPDC

**Najib Salehi**, Loudoun County

## **CONCLUDING PLENARY SESSION**

1:45 pm to 2:30 pm

### ***COG Board Room***

**>BRINGING IT TOGETHER:** Making the most of the green building toolbox for energy performance and climate protection in the region. Advancing local policies and approaches to support best practice. Making the most of regional resources and collaborations.