

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

David Robertson, Executive Director, Metropolitan Washington Council of Governments

- 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.