**Intergovernmental Green Building Group (IGBG) Meeting**

Washington Metropolitan Council of Governments

777 North Capitol Street, NE, Washington, DC

**December 10, 2009 IGBG Meeting**

**“Promoting cooperation on green building issues in the**

**Metropolitan Washington region”**

**Attendees**:

Joan Kelsch, Arlington County, Chair

Stella Tarnay, District of Columbia, Vice Chair

George Nichols, MWCOG

Leah Boggs, MWCOG

Jeff King, MWCOG

MonaCheri McCoy, District of Columbia

Beth Groth, Charles County

Noel Kaplan, Fairfax County

Elizabeth Perry, Falls Church

Cliff Majersik, Institute for Market Transformation (IMT)

Carla Grano, WMATA

Polly Sherard, ABC-TV

Mike Makris, ABC-TV

Meribeth DeLorento, District of Columbia

**Call to Order (Joan Kelsch, Chair)**

* Roundtable introductions

**2009 Green Build Conference Highlights (Stella Tarnay)**

* + Held in Phoenix, AZ
  + 25,000-26,000 people in attendance
  + Al Gore – Keynote speaker
  + Conference focus - connection between climate protection and green building; underlying message - energy,
  + Emphasize on existing buildings (EB) and revising LEED EB
  + Featured Documents:
    - “Green Building Retrofit & Renovation” - McGraw-Hill SmartMarket Report
    - “Lessons Learned Existing Building” published by Earth Day New York; emphasize on NY State buildings
  + Green Rehabilitation of MultiFamily Rental Properties
  + Full day focused on Green Affordable Housing
    - Northeastern region
    - Green preservation guide
  + Pasedena, CA – LEED mandatory for commercial sector like DC
    - How to implement in local government structures
  + Focus on World Green Building Council, existing buildings and LEED-EB
  + Next Green Build Conference in Chicago

**Home Energy Makeover (Polly Sherard, ABC7-TV, WJLA) (See handout)**

* + Barriers to Recovery Act
    - Lack of consumer demand for energy-saving products and services
    - Campaign Goals – educate and promote local contractors, educate homeowners about the benefits of being proactive, collaborate with public-private
    - Public-Private Partnerships – utilities, energy organizations
    - Campaign elements – contest, web component, green workforce development component
      * Next Generation Opportunity for metro area
      * Sponsor of 2009 Solar Decathalon along with USDOE
  + Program has ability to meet 1.9 million homeowners
  + Contest Details
    - Contest objective - Consumer education and to engage homeowners
    - Viewers compete to win $10,000 in home energy related improvements
    - Whole-house approach concept
    - Wide variety of sponsors
    - Judging based on building science, not need
    - Also helps non-winners
    - 15-30 homeowners selected; winners based on funding - possibly 1 in each DMV
    - Commitment from Lenox to supply HVAC for 3 homes
    - Green Workforce Development
      * Building Performance Contractor Exchange – BPI, EGIA and IBTS
      * Months worth of training for workforce development force
    - IGBG Comments/Suggestions (Stella)
      * Web advertisements on neighborhood green/energy workshops
      * Inquiry on home energy interest in local government jurisdictions
      * Feature experienced homeowners – e.g. Takoma Park and DC
      * Scope of work include water fixture improvements; contact water utilities
      * EPA’s Water Sense and Indoor Air Plus
      * Contact EarthAid (J.King) and Cool Capital Challenge (C.Majersik),
    - Interest in local government partnerships
      * Spoke to Loudoun, Fairfax County, Arlington
      * Program fulfills public education projects
      * Interest indicated from DC at meeting
    - Advertisement for contestants/entries via TV
    - Application information requirements – house location, utility bills, etc.
    - Solar could possibly be a part of the project

**Local Government Support of the “30% Solution” to Strengthen Building Energy Codes (Cliff Majersik, IMT)**

* + NY now has most comprehensive energy code legislation for existing buildings (EB); some applications also for new buildings
  + All IECC codes are set nationally every 3 years
    - Set by International Code Council (ICC)
    - 30% Solution - more insulation, better windows, water heaters and insulation on hot water pipes
    - DC, MD and VA use 2006 version
    - DC - adopted 30% code, greenest codes next to NY
    - VA – likely to adopt 2009 I-Codes (I-Code: half of 30% Solution is part of 2009 I-Code)
    - MD – all MD jurisdictions must adopt within 180 days starting in early/ mid 2010
    - Looking ahead – 2012 I-Codes, including 2012 IECC
      * 2012 Code – will be voted on late October 2010 in Raleigh, NC
      * Building, fire code and safety officials should attend; Send up to 12 people, 1 person per vote
      * (Stella) What is COG’s Role – convene building officials?
      * VA/MD Building Officials Associations should promote 2012 I-Codes
      * Travel funding issues – see ICLEI or NASEO to attend hearings; also organizing pre/post events
      * Other ICC events – Dallas and Raleigh; Raleigh most important
      * See [www.imt.org](http://www.imt.org) for schedule of ICC events
    - More new green codes –
      * ASHRAE Standard 189.1 supported by USGBC and IES
        + 22-27% better than existing energy and water efficiency
        + 189.1 will always be better than 90.1; 189.1 a year ahead of 90.1; 189.1 Goal - net zero
        + ASHRAE Standards are NOT codes
      * (Stella) Hold/Conduct a dedicated meeting on codes jointly with EAC in January
      * IGBG Recommendation COG board
        + (Noel) send email expected/requested outcome for IGBG

**ENERGY Star Benchmarking for Buildings (Stella Tarnay, with Cliff Majersik)** (See handout)

* + - 2 Requirements
      * Energy Star modeling
      * Energy Star benchmarking
    - ENERGY Star for Commercial Buildings
      * Portfolio Manager – rating for EB, operation for a full year and info for 12 months; for offices, hospitals, schools, charges; not available for enclosed malls, jails, community buildings and industrial bldgs; there is a multi-family pilot; based on statistical analysis
        + 1-100 rating score
        + Can get median numbers for unclassified bldgs - Kbtu/sf
        + Normalizes for weather and accounts for No. of occupants and computers
        + Widely used by public and private sector
        + If score within top 25% receive Energy Star Building label

ENERGY Star performs limited review of data only if going for Energy Star building label

* + - * ENERGY Star Target Finder for New Construction
        + 1-100% score
        + Modeling tool
        + Same building modeling tool used for building permit
        + If score in top 25% scoring range, receive ENERGY Star Building label
        + Labeling is good for a year, during design and 1st year of operation
        + ComNet – specification for standard operating hours;
      * In conversations with PEPCO to provide electronic upload of all energy information
      * How do we use the Energy Star tools to interface between the work of EAC and IGBG? (Stella)
        + George – EAC has had several presentations by Leslie Cook on ENERGY Star
        + Work on committee interface and implementation of CEEPC in January
      * DC - the first to require public disclosure of building energy information
      * NY – on previous day became second in the country; addressing all energy efficiency elements; requiring retro commissioning in commercial buildings
      * Arlington has energy report cards featured on web site

**Green Building Report-CEEPC Interface (Joan Kelsch)**

* + - George (see Green Building Report documents) – committee to establish committee priorities
    - IGBG and CEEPC staff to come back to committee on staff recommendations
    - (Jeff) Focus of next CEEPC is transportation recommendations
      * Early Jan. 2010 another ad hoc meeting to focus any changes; viewed as living document
      * (Noel) CEEPC work load has been directed to IGBG; how much input does IGBG have?
      * Jan. 2010 meeting – joint EAC/IGBG meeting; focus on 189.1 and interface of Energy Star and LEED
      * Feb. 2010 meeting - strategic planning
      * Ad hoc committee – CEEPC small work group
    - Jan 11 – Mid-Atlantic Sustainability Collaborative
      * Potential topic NY experience
  + (Joan) Arlington joined GreenQuest – tracking of energy audit, weatherization, etc
  + Smart Grid Award to DC/MD – everyone will get a new smart meter

**Peer Network Discussion**

* + Loudoun
    - 1- Next week vote on intent to adopt Chesapeake Bay Preservation Act; big focus of staff time
    - 2- Vote on implementation use of EE funds
      * Public input session next Tuesday
  + Fairfax – 2 year review of green bldg policy; presentation by brick building industry on implementation
  + DC – neighborhood sustainability project in Ward 3; second workshop in Jan. 2010; partnering with EarthAid; joint venture with DDOT with street car
  + Charles County – Governor participated in planned community development; participation in EECBG grant; St. Charles – planned community