



## COG Staff Updates for CEEPC

July 27, 2016

### **LAB-TO-MARKET TECHNOLOGY FORUM: ENERGY & WATER INFRASTRUCTURE**

This forum, hosted by COG and the Federal Laboratory Consortium for Technology Transfer, Mid-Atlantic Region (MA-FLC), was held on June 2 at COG. It addressed commercializing innovative technology from seven Federal laboratories to improve our regional energy and water infrastructure and address cyber threats.

Laboratories included the EPA Office of Research, the National Institute of Standards and Technology, the Department of Defense, Sandia National Laboratories, the Department of Homeland Security, the Food and Drug Administration, and the US Geological Survey. The forum also included a demonstration of the disruption to water plants from cyber-attacks and energy disruptions.

<https://www.mwcog.org/about-us/newsroom/2016/06/20/forum-seeks-to-link-federal-labs-research-with-the-marketplace/>

Presentations are available on the Forum web site.

<https://www.mwcog.org/events/2016/6/2/federal-lab-to-market-forum-water-and-energy-infrastructures/>

### **BUILT ENVIRONMENT ENERGY ADVISORY COMMITTEE**

On June 16, the Built Environment and Energy Advisory Committee (BEEAC) met to begin the development process of the 2017-2010 CEEPC Action. A framework for the development of goals, metrics and implementation on a national and local level were provided. Committee members heard from the US Department of Energy Better Buildings Challenge, a national voluntary initiative that brings together state, local, and private partners to achieve a more efficient and resilient built environment. On the local level, the District of Columbia and Arlington County presented their public facing Better Buildings Challenge programs. The meeting discussion outlined the importance of developing performance-based metrics for goal setting, tracking, and achievement.

The July 21<sup>st</sup> BEEAC meeting focused on electric vehicle deployment and infrastructure planning in the region. The 2016 BEEAC survey identified alternative fuel vehicles and electric vehicle planning as priority. State and local activities will be discussed including from the Maryland Electric Vehicle Infrastructure Council, the Virginia Clean Cities Coalition, Montgomery County, Takoma Park, and Frederick County. The next BEEAC meeting is September 15<sup>th</sup>.

### **BUILDING ENERGY CODE TRAINING**

On July 21 COG partnered with the National Association of Regional Councils, ICLEI, the Institute for Market Transformation, the Energy Efficient Codes Coalition, the American Council for an Energy-Efficient Economy (ACEEE) and the Building Codes Assistance Project to conduct a training - *How Municipalities Can Impact America's Building Code*. The training demonstrated why energy building codes are essential to reducing wasted energy from buildings and the importance of implementing the steady efficiency improvements required under the 2018 and future International Energy Conservation Codes (IECC). This year the International Code Council (ICC) is in the middle of its year-long process that will update the 2015 IECC to produce the 2018 IECC.

Local or state governmental jurisdictions involved in building energy or safety codes can help shape America's Model Building Energy Code - the International Energy Conservation Code (IECC) - by ensuring their membership in the ICC is current, registering their ICC Governmental Member Voting

Representatives by September 19, 2016, and voting during ICC's 2-week electronic voting window (currently anticipated to open on November 2016).

### **EPA'S ENERGY STAR® NATIONAL BUILDING COMPETITION: BOOTCAMP**

EPA invites you to transform your buildings into lean, green, energy-saving machines in just 90 days this year, with the ENERGY STAR® National Building Competition: BOOTCAMP! ACTION: Join the Competition with up to 5 buildings from each Portfolio Manager account (if you keep more than one account). Involving more people is better to increase awareness compared to one person submitting hundreds of buildings, so this has become a rule of the game. EPA will provide competitors with themed BOOTCAMP training kits, chock full of printable posters, social media posts, energy-saving reminders, door signs, and more. Each training kit focuses on a new energy or water-saving action in the workplace. Use the kits to engage your employees, students, and other occupants in tackling energy waste together. Track your energy and water performance each month in EPA's ENERGY STAR Portfolio Manager® tool, and report your savings at the end of the competition period. Within each building type category, the building with the greatest verified weather-normalized energy savings (on a percentage basis) will take home top honors!

Sign up! Visit [www.energystar.gov/BattleOfTheBuildings](http://www.energystar.gov/BattleOfTheBuildings) through July 31 and use Portfolio Manager to submit your building data. Enroll up to five of your buildings with the most room for improvement! For more information, contact [Kudret Utebay](mailto:kudret@cadmus.com), (703) 247-6138 at The Cadmus Group, Inc.

### **COG RECYCLING & SOLID WASTE PROGRAM**

On June 24, the COG Solid Waste Managers Group reviewed an after action report from FEMA on its NCR emergency debris tabletop exercise held in April. The group also received the final emergency debris plan gap analysis report from consultant Dewberry.

The COG Recycling Committee ran a Go Recycle regional promotional campaign in June. The effort used paid advertising on Facebook and Instagram sponsored by Fairfax County, Loudoun County and Montgomery County. It included targeted content for each jurisdiction. The committee is planning a larger campaign for the fall/winter.

### **DC GREENING THE FLEET PROJECT**

The District of Columbia's Department of Energy and Environment's (DOEE) Greening the Fleet project involves developing an inventory of current vehicles and creating a comprehensive suite of strategies to help guide large fleets in the District toward greater fuel efficiency and lower air emissions through the adoption of cleaner vehicles. COG was part of the winning team to calculate the GHG emissions and air quality impacts for a baseline (existing) inventory and proposed green alternative of vehicles for District-based public and private fleets. The Greater Washington Region Clean Cities Coalition (GWRCCC) serves as the project team lead along with other project partners, the National Association of State Energy Offices and Sustainable Energy Strategies, Inc.

### **AIR AND CLIMATE PUBLIC ADVISORY COMMITTEE**

COG's Air and Climate Public Advisory Committee (ACPAC) received 22 applications for the 2016 Climate & Energy Leadership Awards. Award categories include Local Community, Educational Institution, Non-Profit Organization, and Private Business. Judging is underway and awardees will be announced in the coming months. ACPAC is also working on drafting an Environmental Justice Toolkit this summer which will be provided for committee review this fall.