

## **GSEP Cool Roofs Working Group First Working Session Summary – Goals, Scope and Next Steps**

On September 12<sup>th</sup> and 13<sup>th</sup>, 2011, the Cool Roofs and Pavements Working Group (Working Group) met for the first time. A list of participants is included on the second page.

### **Working Group Goals**

The GSEP Cool Roofs and Pavements Working Group will collaborate at the local, regional, national and multinational level to accelerate development and deployment of cool roofs and pavements. Where feasible, the Working Group will seek to incorporate cool roofs and pavements into existing programs, protocols and organizations.

For purposes of this working group, cool roofs refer to highly reflective<sup>1</sup> and emissive<sup>2</sup> materials, coatings and technologies installed on or applied to roofs. Cool pavements include light-colored and/or permeable materials and technologies applied to any paved surface.

The Working Group has identified four initial objectives:

- Collect existing information and tools of Working Group partners in an accessible repository. Draft case studies and identify best practices of cool roof and pavement development efforts including partnership models, code development, incentives and financing.
- Promote cool roofs and pavements and identify or develop champions to drive development and implementation – with a focus on city leaders and market makers.
- Develop projects with partners to demonstrate the efficacy of cool roofs and pavements to the public, policymakers and the private sector. Tie demonstrations and workshops to high-profile events.
- Provide technical assistance to develop infrastructure for testing, rating and ongoing research at the local/regional level by nationally-recognized labs using international standards.

### **Next Steps**

To prepare for the April 2012 Clean Energy Ministerial meeting, the Working Group agreed to recommend a series of next steps to their governments:

- Assign focal point in each country to support the development of the online repository.
- Identify at least one demonstration site per country.
- Agree to continue to work together and develop action plans.
- Send representation to two Working Group meetings per year and participate actively in remote meetings (telephone or web-based).

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<sup>1</sup> *Reflectance* – the percentage of light contacting a surface that is reradiated into the sky.

<sup>2</sup> *Emittance* – the measure of a materials ability to radiate absorbed heat. Highly emissive materials hold less heat than materials with low emittance.

- Encourage the support Working Group efforts through financial or in-kind contributions.

## Meeting Participants

Participant	Organization
Hashem Akbari	Concordia University
Thalita Albuquerque	Brazilian Association for Standardization
Matt Antes	Energetics
Barry Bredenkamp	National Energy Efficiency Agency - South Africa
Andre Desjarlais	Oak Ridge National Lab
Amy Dickie	Global Cool Cities Alliance
Gabriela Alvarez Garcia	National Center for Research and Technological Development (CENIDET)
Vishal Garg	International Institute for Information Technology - Hyderabad
Catherine Hunt	The Dow Chemical Company
Koichi Inoue	Ministry of Economy, Trade and Industry (METI), Japan
Roderick Jackson	Oak Ridge National Lab
Neetu Jain	Panache
David Kunz	Arkema
Marc LaFrance	Department of Energy
Roberto Lamberts	University of Santa Catarina
Takeshi Maeno	New Energy and Industrial Technology Development Organization
Hajime Maroo	Asahi Glass
Susan Mazur-Stommen	American Council for an Energy Efficient Economy
Kenneth Mentzer	Council of North American Insulation Manufacturers Association
Masaaki Okabe	Asahi Glass
Robert Parker	AGC Chemicals America
Joe Rokowski	The Dow Chemical Company
Art Rosenfeld	Global Cool Cities Alliance
Sanjay Seth	Bureau of Energy Efficiency, India
Bipin Shah	WinBuild
Kurt Shickman	Global Cool Cities Alliance
Thomas Sperl	Department of Energy
Toshiya Takahashi	Japan Paint Manufacturers Association

Additional materials, including presentations from the working session can be downloaded [here](http://www.globalcoolcities.org/?page_id=638) (http://www.globalcoolcities.org/?page\_id=638). For more information, please contact Kurt Shickman of the Global Cool Cities Alliance ([kurt@globalcoolcities.org](mailto:kurt@globalcoolcities.org)) or Jacqueline Wong of the Department of Energy ([Jacqueline.Wong@hq.doe.gov](mailto:Jacqueline.Wong@hq.doe.gov)).