



Climate Change

Climate Change and Energy: Planning at the Edge

Summary of the PEAC Meeting Highlights, List of Attendees, Links to Presentations, Tools and Videos
November 8th, 2007

1. Welcome and Introductions

Barry Seymour, Executive Director of the Delaware Valley Regional Planning Commission, opened the meeting and spoke briefly about DVRPC's climate change initiatives and goals for this and the following years. He emphasized the importance of local actions in solving global issues such as climate change and global warming. He spoke of the recent innovations by the public and private sectors in searching for alternatives and sustainable solutions. In closing he introduced the two speakers, Daniel Lerch and Leslie Cook

2. Presentations

Daniel Lerch from the Post Carbon Institute is the author of *Post Carbon Cities: Planning for Energy and Climate Uncertainty*, the first major municipal guidebook on peak oil and global warming. Mr. Lerch talked about what the parallel and evolving threats of energy and climate uncertainty mean for planners, and provided recommendations for what local governments should do to prepare to address the combined threat.

Leslie Cook from the Cadmus Group Inc. in Washington, DC a support contractor for US EPA Energy Star Program, provided an overview of the Energy Star program. The focus of the presentation was on energy use in commercial buildings and industrial facilities, we learnt that buildings are responsible for more than 50 percent of U.S. carbon dioxide emissions. Ms. Cook spoke of ways local governments can reduce greenhouse gas emissions from its own buildings and in its community. Through Energy Star, the EPA provides your city or county a proven energy management strategy and no-cost tools to save energy and money, as well as demonstrate your environmental leadership.

3. Closing Remarks for the morning session of the forum

Barry Seymour, Executive Director of the Delaware Valley Regional Planning Commission, thanked everyone for attending and spoke briefly about the 2nd part of the forum which took place after lunch.

4. Lunch

5. Update on Regional Approaches to Climate Change—Here and Across the Nation

Rob Graff, Manager, Economic Analysis and Coordination, gave an overview of climate change initiatives in the DVPRC region, at the county and municipal level, as well as nationally. North Jersey Transportation Planning Authority (NJTPA), South Jersey Transportation Planning Organization (SJTPO), Lehigh Valley Planning Commission (LVPC), and Baltimore Metropolitan Council each gave a brief overview of climate change initiatives in their regions. Overall most regional planning commissions are just beginning to take steps towards incorporating climate change initiatives into their programs.

6. Concurrent Workshops

Following lunch, there were two workshops focusing in-depth on the morning topics.

- Daniel Lerch led an interactive workshop on regional and municipal planning for energy and climate uncertainty, providing specific scenarios and possible responses. The participants were divided into four groups and were asked to make a list of short and long term implications of energy and climate uncertainty as well as a list of short and long term recommendations for DVRPC and the neighboring MPOs.
- Leslie Cook provided training, using real data from a public sector building, on the Energy Star Portfolio Manager, an interactive energy management tool that allows you to track and assess energy and water consumption across your entire portfolio of buildings in a secure online environment.

7. Closing remarks by the speakers

*The power point presentations by the speakers can be found on the DVRPC website under *Planning at the Edge Presentations* at the following address: <http://www.dvrpc.org/planning/regional/Edge.htm>

Links to the Energy Star Program

Join as an ENERGY STAR Partner:

www.energystar.gov<<http://www.energystar.gov/>>

Take the ENERGY STAR Challenge and access the Toolkit:

www.energystar.gov/challenge<<http://www.energystar.gov/challenge>>

Informational and peer exchange network:

<http://epa.gov/cleanenergy/stateandlocal/network.htm>

Clean Energy Listserv:

<http://www.epa.gov/cleanenergy/stateandlocal/listserv.htm>

Download the partnership letter at:

http://www.energystar.gov/index.cfm?c=business.bus_commit

Portfolio Manager:

www.energystar.gov/benchmark<<http://www.energystar.gov/benchmark>>

Link to the Post Carbon Institute

<http://postcarboncities.net/>

Video Links to the Presentations on November 8th

Morning Presentations

<http://video.google.com/videoplay?docid=3741012368928399498> (30 min)

<http://video.google.com/videoplay?docid=1381764075685945065> (30 min)

<http://video.google.com/videoplay?docid=-6534560289610445215> (30 min)

<http://video.google.com/videoplay?docid=-9152185083939080902> (23 min)

Afternoon Energy Star Workshop

<http://video.google.com/videoplay?docid=-2838109767239780382> (31 min)

<http://video.google.com/videoplay?docid=-4102160151443800904> (31 min)

<http://video.google.com/videoplay?docid=-4854129981240917819> (3 min)

Daniel Lerch's workshop highlights - Short and Long Term Recommendations for MPOs

<p>Group 1</p> <p>Short Term</p> <ul style="list-style-type: none"> • Increase connector routes to SEPTA/PATCO/NJ Transit (sidewalks, bike paths, jitneys, bus/taxi combinations) • Spend more TIP on transit (70%-80% should be allocated to transit projects) • Motivate builders to build more efficiently by creating incentives for LEED projects • Have a "lights out Philadelphia" event or campaign • Convert lawns to habitat <p>Long Term</p> <ul style="list-style-type: none"> • Assist counties in developing LEED and Energy Star building codes • Provide incentives for LEED, Energy Star, or Green Globes for builders or developers • Change Municipal Planning Codes to include climate change, energy costs, or health issues. • Include standards for implementing LEED standards • Invest in new rail line to ports (e.g. Elizabeth NJ)
<p>Group 2</p> <p>Short Term</p> <ul style="list-style-type: none"> • Adopt 12 point Mayor's Conference Initiatives guidelines • Educate elected officials regarding Climate Change impacts and solutions • Encourage Conservation Campaigns • Plan for 100 year lifecycle costs for future investments • Create greenhouse gas education materials on current sources. • Develop Guidelines and Step programs for public education (e.g. Mayor's Conference-12 points) • Involve the public utilities in the process <p>Long Term</p> <ul style="list-style-type: none"> • Include LEED, Energy Star, or Green Globes in zoning codes • Work to create a local economy for local goods (e.g. build with local products) • Look to a bottom up model where ideas come from the local levels • Develop energy efficiency building standards (new buildings should have an energy star rating) • Follow a bottom-up model, encourage local level action and participation • Support development of greenhouse gas Inventory (e.g. Regional Greenhouse Gas Initiative) • Promote incentives for LEED and Energy Star standards to be included in all new construction
<p>Group 3</p> <p>Short Term</p> <ul style="list-style-type: none"> • Promote a metric measuring device for baseline efficiency. This gives officials a chance to show improvements in efficiency as initiatives are implemented. • Use current tools like brownfields redevelopment, zoning, & transit oriented development (TOD) • Develop a new approach for TOD to avoid NIMBY obstacles • Promote regional planning • Educate and promote outreach to the building industry • Examine policies which promote sprawl • Examine policies which promote more energy use (e.g. ordinance which require dryers) • Look at ways to discourage growing truck usage <p>Long Term</p> <ul style="list-style-type: none"> • Fund beyond federal programs • Look at other fuels like Nuclear, geothermal, fuel cell, wind, solar • Develop a CO₂ budget system for road projects/capital investments • Create policies which stand the test of time and go beyond simple goals • Carbon trading market for municipalities and businesses should be encouraged • Decentralize technology- encourage small power wind/solar generators
<p>Group 4</p> <p>Short Term</p> <ul style="list-style-type: none"> • Educate public and elected officials of the issues and impacts of climate change in our regions • Clear uncertainty in the political process through wider public education and involvement • Identify where the region uses energy and find the short term & low costs places to conserve so that quick action can be taken. • Promote scenario-based planning on energy and climate change impacts (e.g., "what if" scenarios) • Develop energy model for the region, determining where cuts in energy need to be made • Review what is being done in other regions and share best practices <p>Long Term</p> <ul style="list-style-type: none"> • Build on existing transit, less funding on private transportation • Find regional funding sources through coordination • Continue smart growth analysis looking at retrofitting current built areas

DVRPC Climate Change Forum Attendees - November 8th, 2007

	Prefix	First Name	Middle Name	Last Name	Organization	State
1	Ms.	Jen		Adkins	Partnership for the Delaware Estuary	NJ & PA & DE
2	Ms.	Mary	D.	Ameen	North Jersey Transportation Planning Authority	NJ
3	Ms.	Jeanne		Barrett Ortiz	Pennsylvania Environmental Council	PA
4	Mr.	Rich		Bickel	DVRPC	PA & NJ
5	Mr.	Mike		Boyer	DVRPC	PA & NJ
6	Ms.	Terry		Brixen	State of Delaware Air Quality Management	DE
7	Mr.	John		Butler	Marple Twp	PA
8	Mr.	Joseph		Caravella	TransOptions	NJ
9	Doctor	John		Carbone	Rohm and Haas Company and Montgomery Twp	PA
10	Ms.	Patrice		Caroll	TreeVitalize, DCNR	PA
11	Mr.	John	F.	Ciaffone	TransOptions	NJ
12	Ms.	Heather	A.	Cowley	PA Department of Environmental Protection	PA
13	Mr.	Brian		Cuccia	New Jersey Department of Transportation	NJ
14	Mr.	Justin		Dula	Delaware County Planning Department	PA
15	Mr.	Phil	T	Eastman	PECO	PA
16	Mrs.	Patty		Elkis	DVRPC	PA & NJ
17	Mr.	David		Fogel	SEPTA	PA
18	Mr.	Jordan		Friedberg	Plansmart NJ	NJ
19	Ms.	Nicole		Galdieri	Montgomery County Planning Commission	PA
20	Ms.	Kathryn		Garza	Nether Providence Township	PA
21	Mr.	Paul		Gordon	Bucks County Planning Commission	PA
22	Mr.	Rob		Graff	DVRPC	PA & NJ
23	Ms.	Valerie		Gray	State of Delaware Air Quality Management	DE
24	Mr.	John		Griffies	DVRPC	PA & NJ
25	Mr.	John		Haak	Philadelphia Planning Commission	PA
26	Ms.	Michael	N.	Kaiser	Lehigh Valley Planning Commission	PA
27	Mr.	Jonathan		Knauer	Haverford / ICLEI	
28	Mr.	Matt		Lawson	Mercer County Planning Division	NJ
29	Mr.	Andrew		Levecchia	Camden County Improvement Authority	NJ
30	Mr.	David	G.	Mandelbaum	Ballard Spahr Andrews & Ingersoll, LLP	PA
31	Mr.	Robert		McKinsky	Ballard Spahr Andrews & Ingersoll, LLP	PA
32	Mr.	Jake		Michael	Chester County	PA
33	Ms.	Rea		Monaghan	Bucks County Planning Commission	PA
34	Mr.	Christopher	T.	Morris	Camden County Improvement Authority	NJ
35	Mrs.	Karin		Morris	DVRPC	PA & NJ
36	Mr.	Kevin		Murphy	DVRPC	PA & NJ
37	Mrs.	Natalia		Olson	DVRPC	PA & NJ
38	Mr.	Andy		Pitz	Natural Lands Trust	PA
39	Ms.	Alison		Riley	City of Philadelphia	PA
40	Mr.	Josh		Rocks	South Jersey Transportation Authority Planning Org.	NJ
41	Ms.	Rebecca		Ross	Delaware County Planning Division	PA
42	Mr.	Lee		Senior	Delaware County Planning Division	PA
43	Mr.	Barry		Seymour	DVRPC	PA & NJ
44	Mr.	Joe		Sundeen	Lower Makefield Township	
45	Mr.	Mike		Thompson	Greater Valley Forge Transportation	PA
46	Ms.	Sara		Tomlinson	Baltimore Metropolitan Council	MD

47	Mr.	Reagan		Wagner	Chester County Planning Commission	PA
48	Mr.	David		Ward	Chester County Planning Commission	PA
49	Mr.	Richard		Westergaard	Gloucester County Planning Department	NJ
50	Mr.	Philip		Wheeler	Department of Natural Resources and Environmental Control	DE
51	Mr.	Dennis		Winters	Sierra Club / RCC	PA
52	Ms.	Tigist		Zegeye	WILMAPCO	DE & MD