

Energy Management: How Can Municipalities Lead the Way?

Liz Compitello, DVRPC

Sustain the Environment

Expand the Economy

- Reduce greenhouse gas emissions
- Develop a more energy-efficient economy

Why do Municipalities Plan for Energy?

- Manage Operational Costs
- Lead by Example
- Enhance Public Safety
- Economic Development
 - (Regulations guide private development)

Barriers to Energy Planning

- Where do I start?
- Who do I trust?
- What solutions are right for me?
- How do I pay for it?
- How do I convince my elected officials this is a good idea?
- Are there any low- or no-cost measures that we can implement now?
- How do I track the progress of implementing these measures?

The value of regional cooperation

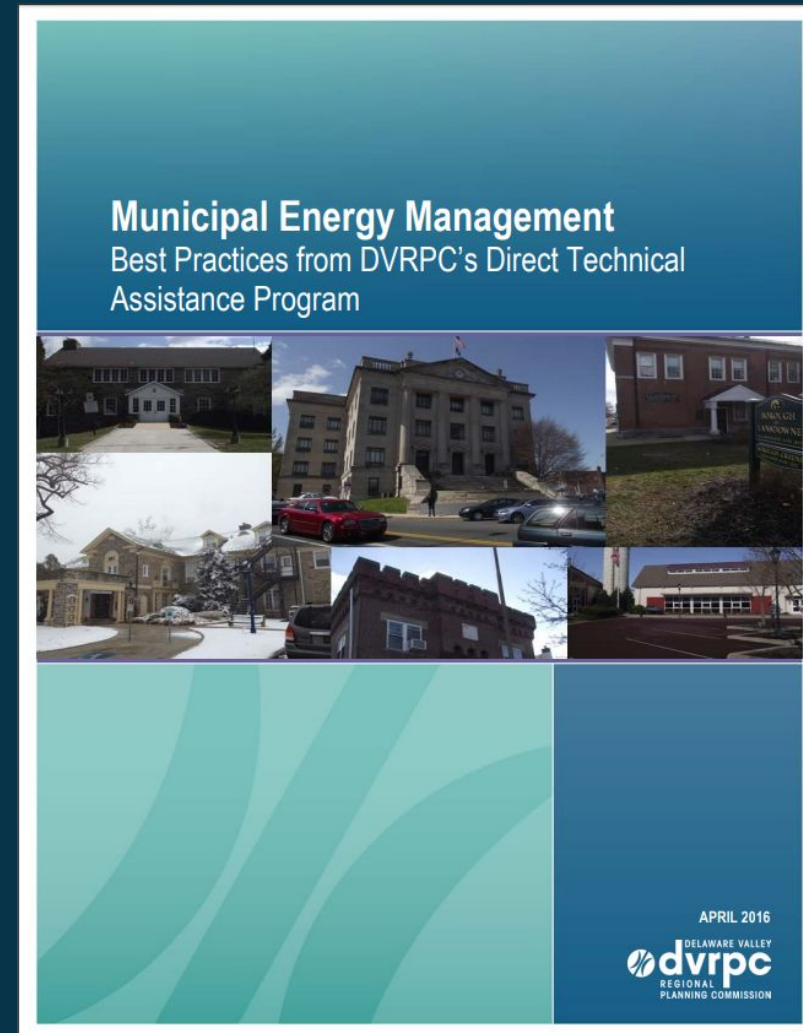
- Helps decision making process
 - Peer learning
 - Confidence building
 - Standardization of projects
- Helps lower cost
 - Pooled procurement
 - Pooled finance
 - Share technical resources
 - Leverage power
- Helps improve the outcome
 - Pooled technical expertise



Source: DVRPC

DVRPC Circuit Rider Program

- Seminar Series
 - Outdoor Lighting
 - Indoor Lighting
 - Water/Wastewater
 - Buildings
- Direct Technical Assistance
 - Hands on Energy Assessments
 - Peer Learning
 - Implementation Guidance



Solar Work

- Regional Guidance on
 - Zoning for Solar
 - Permitting for Solar
 - Engaging the Utility
- SolSmart Designation Program
 - Designation means you are “open for business”
 - 8 communities in SEPA
 - Free TA available through DOE



Source: NREL


Solarize
Greater Media
Save • Local • Together

 **dvrpc**

Regional Streetlight Procurement Program

35 municipalities in southeastern PA pooled their decision making and purchasing power to access energy performance contracting, finance, and technical assistance to convert their entire street lighting systems to LED.



>26,000
streetlights,
etc, converted
to LED



\$16 million
net savings
over 20
years



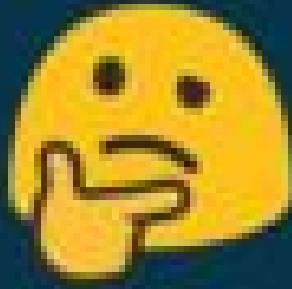
10.6 million
kWh saved
annually



5,500 metric
tons of CO2e
reduced
annually

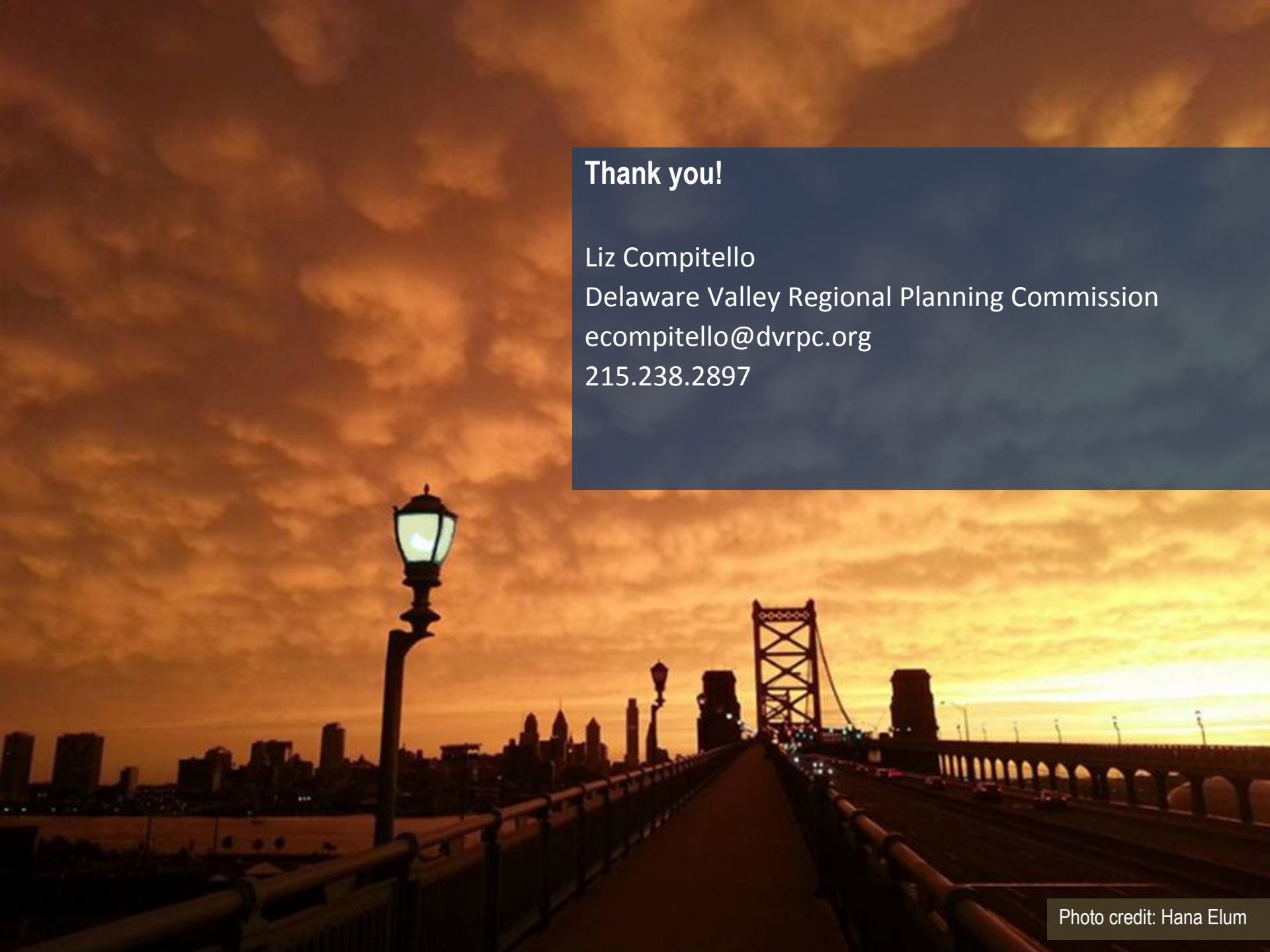
Future Project Ideas

- More Pooled Procurement
- More regional ordinance guidance
 - Municipal lighting ordinances (TCDI?)
 - Large scale solar



Today's Energy Panelists

- Phoenixville Borough (Chester County, PA)
 - Jean Krack, Borough Manager
 - RSLPP
 - Circuit Rider participant
 - On their own - solar ordinance
- Media Borough (Delaware County, PA)
 - Karen Taussig Lux, Grants Administrator
 - RSLPP
 - Delaware County Energy Smart Program
 - Designated as a SolSmart community

A photograph of a bridge at sunset. The sky is filled with orange and yellow clouds. In the foreground, a bridge railing and a lit street lamp are visible. In the background, a city skyline is silhouetted against the bright sky. The bridge has a suspension tower visible in the distance.

Thank you!

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Photo credit: Hana Elum