



Sustainable Skylines

Working for People, Planet, and Prosperity

National Initiative Launch Strategy

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US EPA - OAQPS



What is Sustainable Skylines?

- **Program designed to help cities reduce their emissions and promote sustainability with the goal of cleaner and healthier air.**
- **Participants work cooperatively with EPA and other partners to increase community participation and leverage resources.**



Program Goals

- **Integrate transportation, energy, land use and air quality planning**
- **Implement projects that yield measurable air quality benefits within 3 years**
- **Create an innovative program that is replicable**
- **Provide flexibility to meet the needs and priorities of individual areas**



Program Objectives

- **Place-based and locally-driven**
- **Collaboration between multiple stakeholders**
- **Leverage from cities and partners**
- **Utilize consensus-based project selection approach**



National Project Categories

- At least one project in 5 of the 7 categories:
 - Central city livability - heat island effect
 - Stationary and area sources
 - Energy/climate
 - Land use transportation strategies
 - Diesel engines
 - Green buildings and developments
 - Off-road sources



Target Areas

- Areas with a focus on local air quality concerns but have opportunity for multi-media co-benefit
- Areas in non-attainment or near non-attainment
- Areas with air toxic concerns
- Areas with a focus on climate change
- Medium to large sized communities with a significant corporate presence



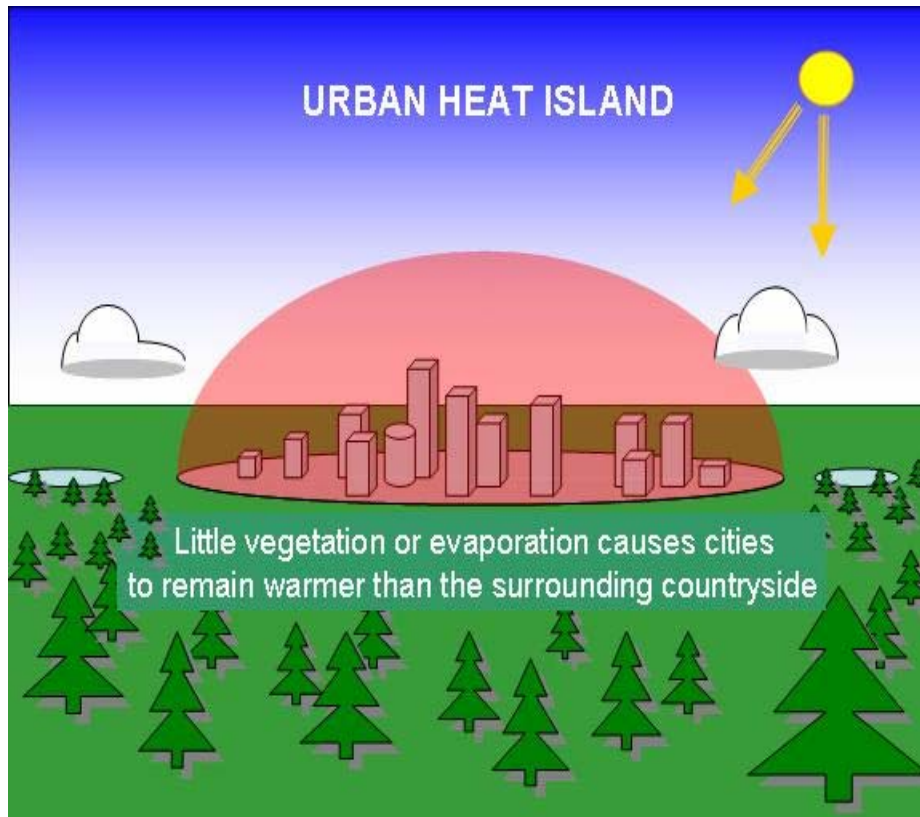
Lessons Learned



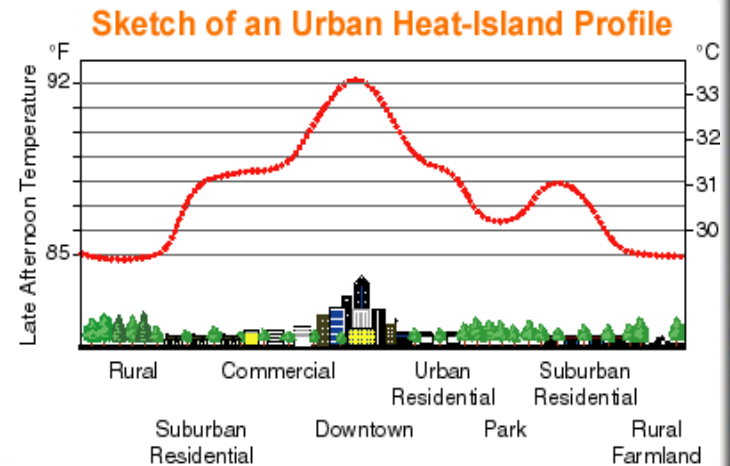
- **Pilot Projects**
 - **Dallas, Texas**
 - **Launched March 2007**
 - **Kansas City, Kansas and Missouri**
 - **Launched January 2008**
- **National Expansion**
 - **Just initiated Philadelphia**
 - **Currently seeking applications**



Urban Heat Island/ Stormwater Mitigation



- Cool surfaces
- Decrease electricity use
- Reduce air emissions
- Reduce stormwater runoff



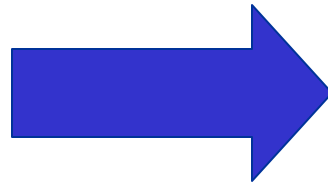
Parking Lots to Parks

Heat Island Mitigation



Reducing the urban heat island effect
through green parking lot design

From this . . .



To this!



Benefits include:

- Reducing temperature
- Reducing air and water pollution
- Managing storm water
- Making parking lots pedestrian friendly



Future Direction

- Request for Applications (RFA) posted
 - www.grants.gov
 - Closes 12/17/2008
 - Awards made in February 2009
- Sustainable Skylines Workshop
 - Dallas, Texas in March 2009
 - Lessons learned, highlight tools, and provide demonstrations



For More Information

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