

Project Overview

# **SMART GROWTH AND ADAPTATION TO CLIMATE CHANGE IN THE WASHINGTON REGION**

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# CLIMATE RISKS

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- ✘ Coastal risks related to sea level rise and storm surge
- ✘ Increased temperature, more frequent heat waves
- ✘ Increased extreme weather events and precipitation

# ADDRESSING CLIMATE RISKS

- ✘ **Mitigation** = implement cost effective strategies to reduce emissions
  - + Ex. Implementing building efficiency strategies/programs
- ✘ **Adaptation** = prepare for unavoidable impacts of climate change
  - + Ex. Reduce vulnerability to extreme heat events by opening cooling centers during heat waves
- ✘ **“Win-Win” Strategies** = adaptation steps that also reduce greenhouse gas emissions and save energy.
  - + Ex. Vegetated roofs cool the city as temperatures rise and retain water during storms (adaptation), while they also help increase the energy efficiency of buildings (mitigation).

# SECTOR AND COMMITTEE INVOLVEMENT

- ✘ *Building sector - Intergovernmental Green Building Group, Housing Directors Committee*
- ✘ *Transportation - one of TPB technical committees*
- ✘ *Health - Health Officials Committee*
- ✘ *Emergency management - Emergency Managers Committee*
- ✘ *Water – Water Resources Technical Committee*
- ✘ *Land use – Planning Directors Committee*

# MEETINGS AND TIMEFRAME

Meeting	Timeframe
<u>Technical Expert Panel</u> : provide input and resources on regional climate data and studies	December 2010
<u>COG committees</u> : introduce adaptation project	January – March 2011
<u>Workshop</u> : review NOAA tools for risk and vulnerability assessment and projects underway in the region	March 3, 2011
<u>COG sector meetings</u> : identify and prioritize key issues and impacts associated with current and future climate risks and vulnerabilities	Late Spring/Early Summer 2011
<u>Consultants</u> : work with EPA and COG to develop strategies for each sector and regional adaptation plan	Summer/Fall 2011
<u>Workshop</u> : regional adaptation plan and local government guidelines	Winter 2011

# QUESTIONS?

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