


# Efficiency in the Built Environment: Policy Movement in Pennsylvania

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## PA Built Environment Background

- Traditionally low national marks for energy efficiency programs
- Pittsburgh national leader in green buildings
- Slow population growth, high open space development rates




## Policies on the Books in PA

- **Uniform Construction Code of PA (2004)**
  - PA adopts latest national model code every 3 yrs
- **Rendell admin 2008 goal: cut energy use by 10% in state buildings by 2010**
- **SS HB 1, 2008: \$25 million for green bldgs**
- **Stimulus money being spent on fix-it-first, especially within transportation**
- **Growing Greener II: \$625 million (bonds) for preservation programs**




## Proposed Policies in PA

- **Proposed (HB 444): Green building standards for state-owned, state-funded buildings**
- **Gov. Rendell called for statewide green building code as part of his 2/09 budget address (no policy introduced yet)**
- **Sufficient, dedicated transportation funding (I-80 tolling?)**
- **Growing Greener III? (exploring other funding options)**




## Climate Change Advisory Cmte

- **Residential & Commercial Subcmte**
  - High-performance building standards for state-owned buildings and schools.
  - Study potential for building standards for other buildings, via Architecture 2030 Challenge
  - Tech-specific measures, including lighting, roofing, appliances (mix of incentives and standards)
  - Geothermal heating/cooling, worker training
  - Nat. gas, heating oil DSM, biodiesel fuel switching
  - Water, electricity DSM




## Climate Change Advisory Cmte

- **Transportation & Land Use Subcmte**
  - Biodiesel, cellulosic ethanol promotion
  - Low-rolling resistance tires
  - Diesel anti-idling program
  - Driver ed., incentives for efficiency (eco-driving)
  - Public transportation improvements, expansions
  - Tele-commuting, other incentives to discourage single occupant vehicle trips, boost public transit
  - Cutting emissions from freight transportation
  - Increased federal support for efficient transit
  - Smart growth planning, sustainable land use



## Next Steps for PA CCAC

- September: Macroeconomic analysis completed, DEP & CCAC review
- 10/9: Draft Action Plan delivered to General Assembly, Governor's Office, posted on DEP website
- 10/10-11/9: Public comment period
- 12/18/09: Final Action Plan delivered to General Assembly, Governor's office, posted on DEP website



## Questions, More Information

- PennEnvironment:
  - [www.PennEnvironment.org](http://www.PennEnvironment.org)
- Pennsylvania Climate Change Advisory Committee homepage:
  - <http://www.depweb.state.pa.us/energy/cwp/view.asp?a=1532&q=539829>