Using State Funding to Drive Municipal Clean Energy Policy

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From 1950-1990, our population grew 28% while the developed land area increased 188%, more than six times the rate of population growth.

Between 1990 - 2020, Boston metro-region will see a 24% increase in vehicle miles traveled,

a 35% increase in total vehicle hours, and

and a decrease in operating speeds of 5%.
Travel Demand & Environmental Impact

• ‘Toughest nut to crack’
• VMT growth offsets technology & fuel improvements
• Reducing VMT yields multiple benefits
  – Energy, GHG, AQ, open space, congestion, ‘livability’
• Important trade-offs (e.g., density and CO hot spots)
• Increased research and growing knowledge on land use and travel
Energy Efficient Transportation Choices

• Work with Regional Planning Agencies to disclose CO2 impacts of transportation decision-making.
• Examine Programs that Send a Clearer Price Signal about the Environmental Costs of Driving
• Boost Public Transit Services
• Expand Commuter Choice for State Employees
• Introduce a Demonstration Project to Reduce Household Travel Needs

But – most importantly:
• **Change the way we grow**
• Directs and integrates work of
  – Executive Office of Transportation
  – Executive Office of Environmental Affairs
  – Department of Housing and Community Development

• Aligns agency policies, regulations, operating budgets and capital spending plans with smart growth policy

• Chairs Commonwealth Development Coordinating Council
Step One: Use “carrot and stick” of State Funding Choices

OCD agencies are a small fraction of Commonwealth operating budgets...

- Statewide
- Transportation
- Housing
- Environment
Step One: Use “carrot and stick” of State Funding Choices

...but more than half all capital spending.

Use that leverage.

- Statewide
- Transportation
- Housing
- Environment
- Comm Cap
Ten Principles of Sustainable Development

- Redevelop first
- Concentrate development
- Be fair
- Restore & enhance the environment
- Conserve natural resources
- Expand housing opportunities
- Provide transportation choices
- Increase job opportunities
- Foster sustainable businesses
- Plan regionally
Commonwealth Capital Program

- Promote Compact Development –
  - Mixed-use zoning
  - Accessory units
  - TDR
  - cluster/open space subdivisions
  - TOD

- Encourage Alternate Transportation
  - Transit
  - Bike / ped / rethinking road design

- Credit for municipal energy efficiency projects
In Fiscal Year 2005, 191 Municipalities Submitted a Commonwealth Capital Application
Massachusetts Commonwealth Capital Policy -- Municipal Commitments to FY’05 Criteria

Number of Commitments Made by a Municipality

- No commitments made
- 1 - 2 commitments
- 3 - 4 commitments
- 5 - 6 commitments
- 7 - 8 commitments
- 9 or more commitments

NOTE: A total of 191 municipalities submitted applications in Fiscal Year 2005
For More Information

www.mass.gov/ocd