

COG's Climate Change Initiative: One Year Later



MWAQC TAC
April 8, 2008

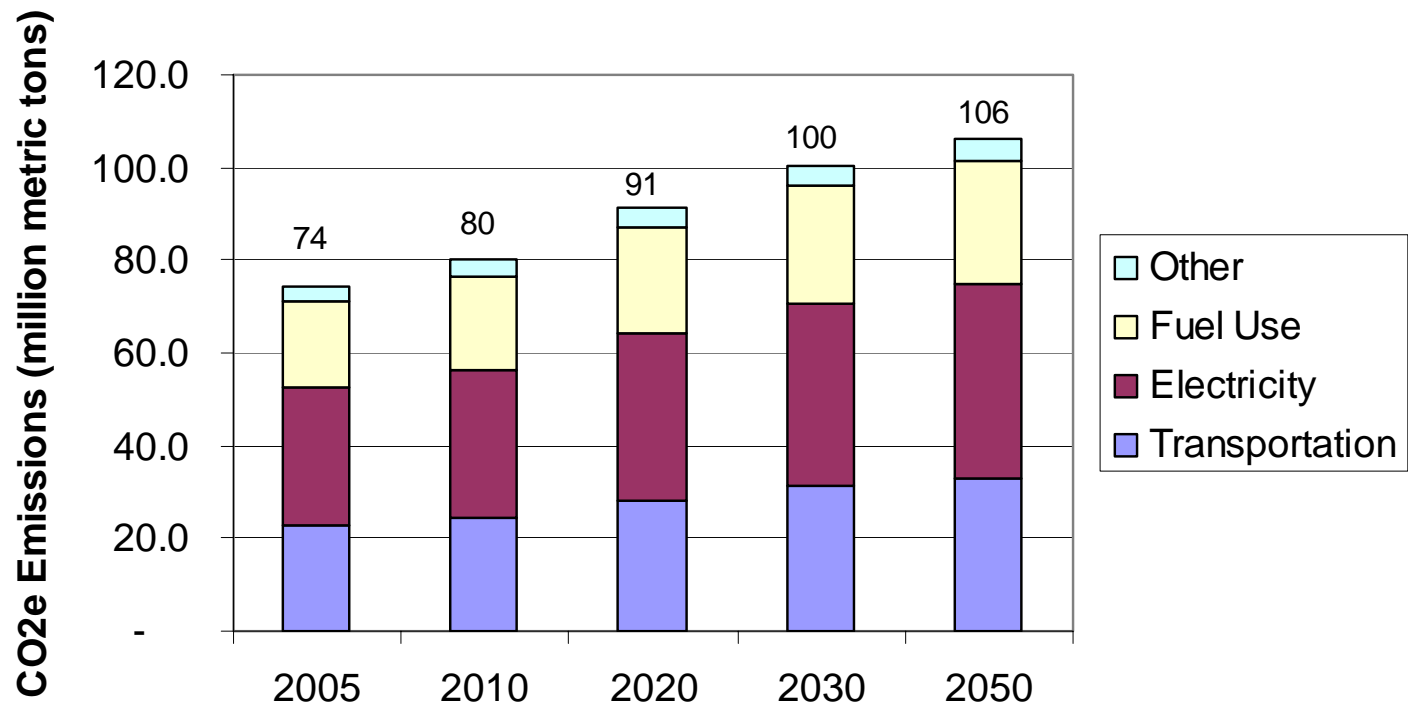
Accomplishments to date

- Greenhouse Gas Emissions Inventory and forecast
- Best Practices guide
- Regional reduction goals
- Climate Impacts/Adaptation
- Advocacy
- Preliminary Recommendations



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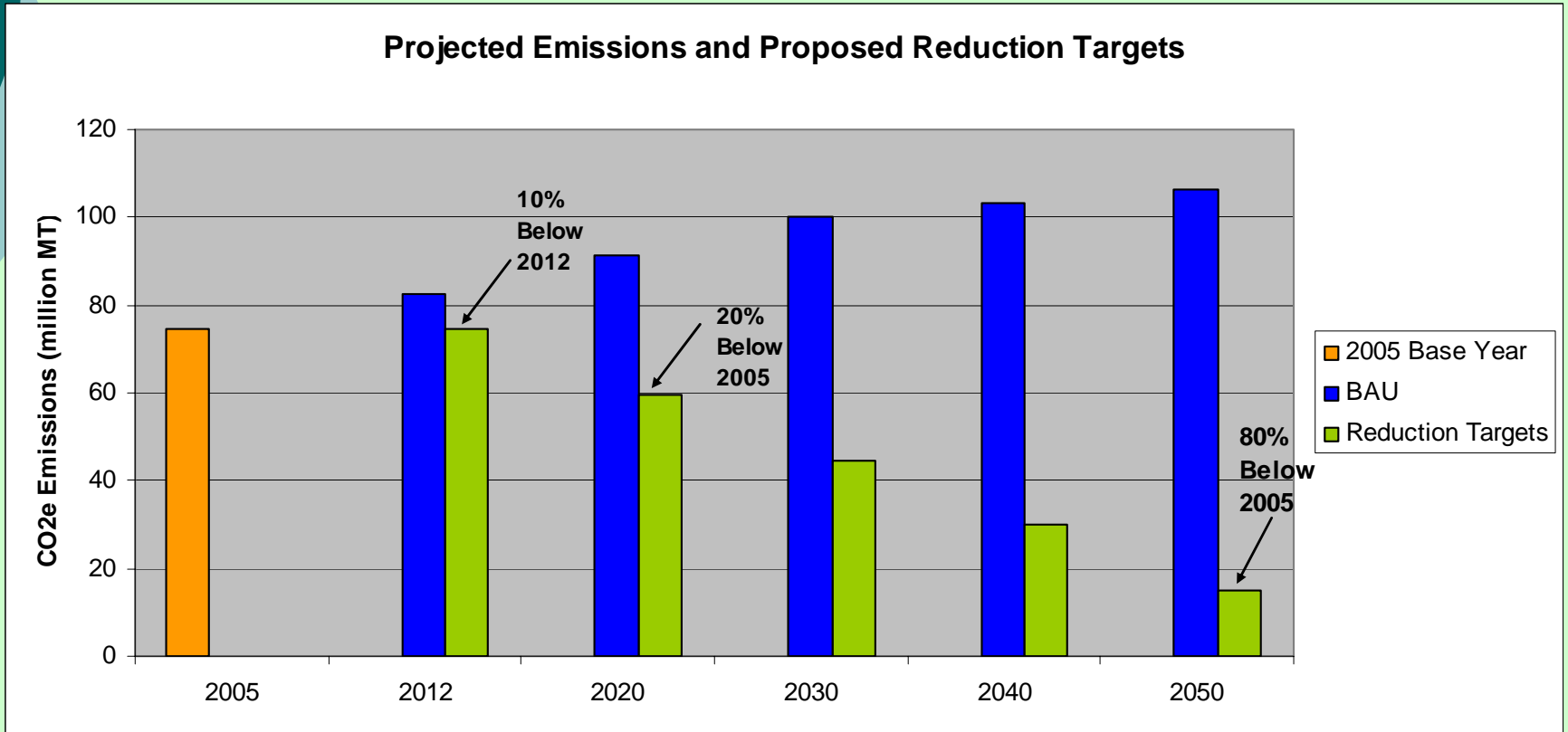
CO₂e Emissions Projections for the Washington, DC-MD-VA Region



Prepared by COG DEP, March 25, 2008.

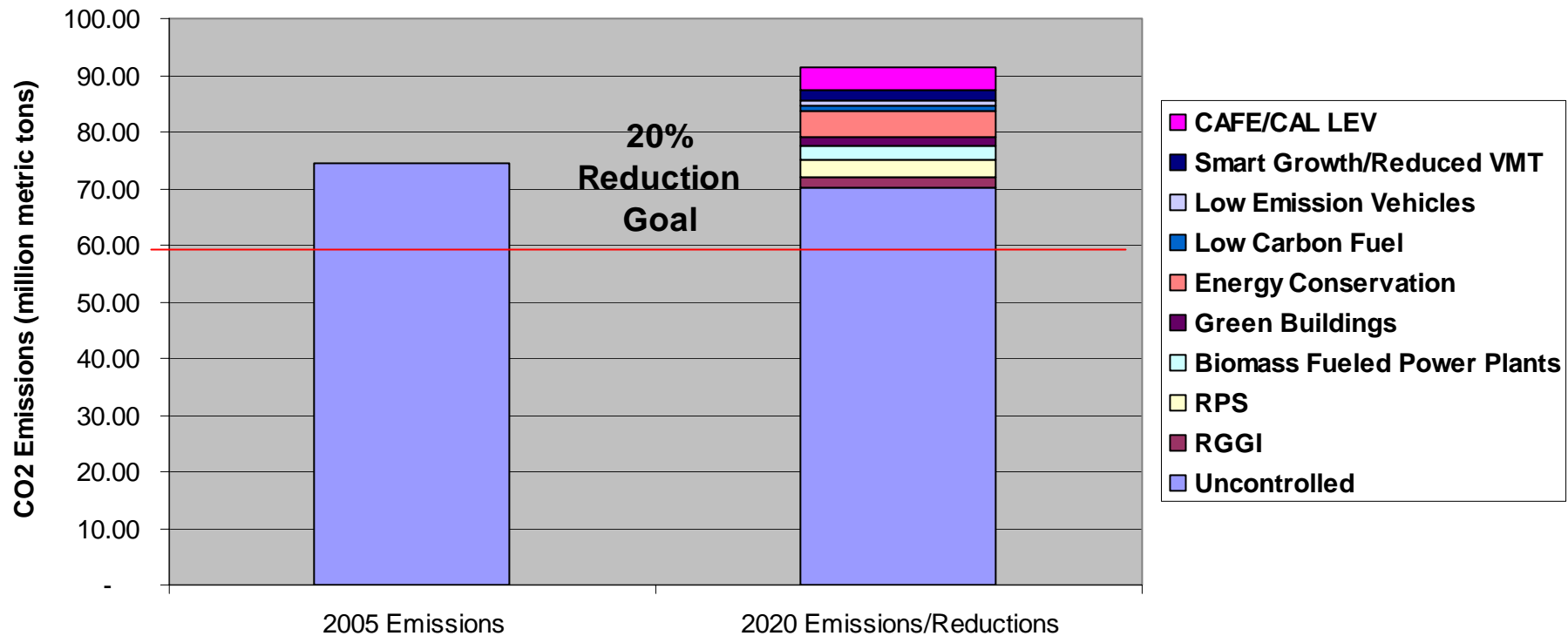


Proposed Regional Reduction Goals

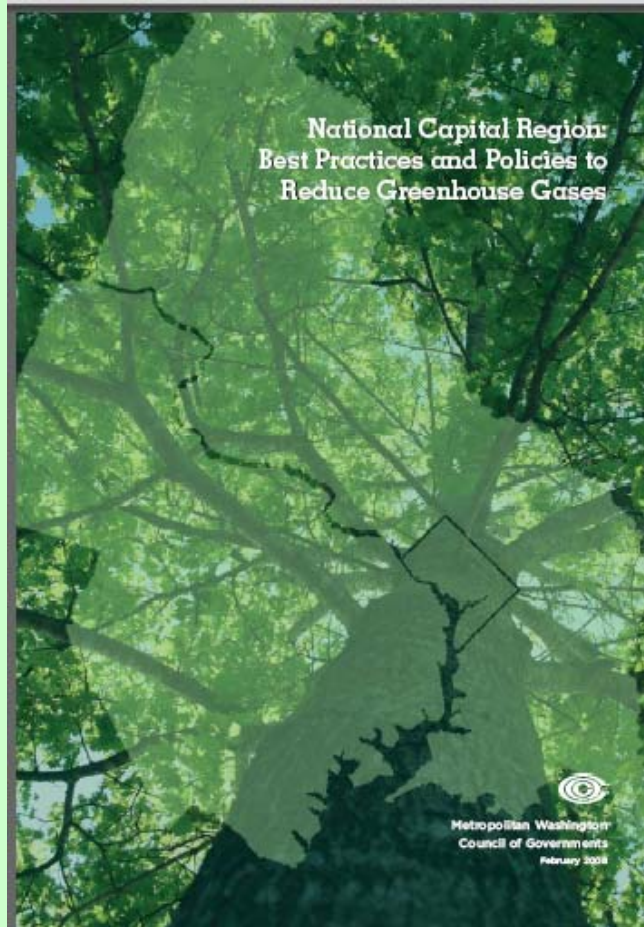


Meeting the 2020 Goal – Initial Assessment

Emission Reduction Opportunities (2005-2020)



Best Practices Guide

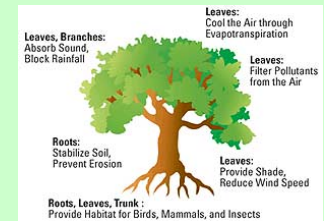


- http://www.mwcog.org/store/item.asp?PUBLICATION_ID=321



Approaching Adaptation

- Consider “no regrets” adaptation strategies,* such as:
 - Water use efficiency
 - Large scale & strategic tree planting
- Assess need for water supply augmentation
 - New reservoirs; quarries
 - Water reuse
 - Access upper estuary



COG Board Advocacy Positions

- Federal Energy Legislation:
 - Promoted strengthening CAFÉ standards
 - Supported “green collar” job programs
 - Supported Energy efficiency block grants to local governments
- Federal Climate Legislation:
 - Promoted the role of local governments/regional entities
- Endorsed Cool Capital Challenge
- Sent letter of concern re proposed coal-fired power plant in Wise, Virginia



Recommendation Areas

- I. Regional Goals
- II. COG Climate Change Program
- III. Economic Development
- IV. Outreach and Education
- V. Local Governments Leading by example
- VI. Energy
- VII. Transportation
- VIII. Land Use
- IX. Financing
- X. Climate Impacts and Adaptation



Sample Recommendations – Local Governments Leading By Example

- Implement COG Green Building Policy.
- Identify Best Practices to Reduce local government Energy Use by 15% by 2012.
- Evaluate feasibility and cost of setting regional green power utilization goals for local governments.
- Evaluate regional cooperative purchase and/or reverse auctions to facilitate green power implementation.
- Examine options for a regional street lighting standard that would utilize energy efficient street lighting across the region.
- Promote regional energy performance contracting to reduce energy use in public buildings.
- Establish Regional Green Fleet Policy with measurable goals and timetables.



Next Steps

- **End of May** – Climate Change Steering Committee complete draft report
- **June 11** – Presentation to COG Board
- **June – August** – Comment Period
- **October 8** – COG Board adopts report

