



Metropolitan Washington Council of Governments

22 JURISDICTIONS 5+ MILLION PEOPLE 300 ELECTED OFFICIALS

Multi-Sector Working Group

Presentation to MWAQC

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HISTORY

- 2008: National Capital Region Climate Change Report adopted
- 2009: Climate, Energy & Environment Policy Committee created
- 2012: Region Forward Report and Compact adopted
 - Incorporates regional greenhouse gas emission reduction goals
- October 2014: Metropolitan Washington Air Quality Committee and Climate, Energy & Environment Policy Committees resolutions
 - Requests TPB and MWAQC to affirm the greenhouse emission goals
 - Requests COG to establish Multi-Sector Working Group
- December 2014: TPB and MWAQC resolutions
 - Affirming greenhouse gas emission goals
 - Support for Multi-Sector Working Group
- January 2015: COG launches the Multi-Sector Working Group



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MSWG Management

- Governing & Policy Board reports and feedback
 - COG Board
 - TPB; MWAQC; CEEPC; Region Forward Coalition
- Multi-Sector Working Group
 - Managed by COG Deputy Director
 - Subgroups managed by Transportation Planning, Environmental Planning, Community Planning & Services Directors
- Technical committee reports and feedback
 - TPB Technical Subcommittee
 - MWAQC Technical Advisory Committee
 - Built Environment & Energy Advisory Committee
 - Planning Directors
- Public input
 - TPB Citizens Advisory Committee
 - Air and Climate Public Advisory Committee



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MSWG Mission/Outcomes

- Identify viable strategies for Energy, Transportation, Land Use, and Built Environment sectors
- Quantify benefits, costs, co-benefits and estimate implementation timeframes
- Explore greenhouse gas emission reduction goals, measures and/or targets for the four sectors
- Jointly develop an action plan for the region - *What We Can Do* report



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MSWG Mission/Outcomes

- Sectors
 - Energy – Large central power plants and energy production
 - Transportation – Moving people and goods
 - Land Use – Development patterns (Activity Centers), planning and zoning
 - Built Environment – Buildings and infrastructure

- Strategies – Local, Regional, State, Federal
 - No regret – Near term cost effective actions
 - Mid-term – May require future policy actions
 - Stretch – May require substantial action to implement; Needed to reach goals

- Direct and Co-benefits
 - Direct benefits include operational savings from actions
 - Co-benefits: reductions in transportation congestion, lower future capital investments, reductions in adaptation costs, similar savings



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MSWG Process

- Convene Multi-Sector Working Group and technical subgroups
 - Identify viable strategies for the energy, Transportation, Land Use and Built Environment sectors
- Analyze Strategies with consultant support
 - Quantify benefits, costs, co-benefits, and estimate implementation timeframe
- Explore greenhouse gas emission reduction goals, measures and/or targets for the four sectors with consultant support
- Jointly develop an action plan for the region with consultant support



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Schedule

January 2015

- ✓ Establish and Convene working group – Jan. 30

February- June

- ✓ Subgroups meet
- Public Input
- 2nd MSWG Meeting -- May 8
- Consultation with Policy Committees, TPB, MWAQC
- Consultant conducts analysis

July - December

- 3rd MSWG Meeting – July 31
- 4th MSWG Meeting – Sept. 25
- Interim report to COG Board, TPB, MWAQC, CEEPC
- Public Input
- Draft Final Report to Policy Committees, TPB, MWAQC

January 2016

- Final report to COG Board



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Energy/Built Environmental Sector

- Built Environment and Infrastructure
 - All new buildings constructed to net-zero standards by 2030
 - 50% of existing buildings energy systems upgraded by 2050
- Resource Conservation and Management
 - Increase water reuse and conservation
 - Reduce, reuse, recycle - municipal & construction waste
- Energy Source and Supply
 - 30% mass carbon emissions from central power plants
 - Reduce fugitive natural gas leaks
- Awareness and Education
 - Move awareness to action



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Land Use Sector

- Analyze opportunities for urban, suburban and rural design and accessibility improvements
- Incorporate energy performance targets into local green building policies or increase energy efficiency requirements in building codes
- Establish a regional tree canopy goal greater than predicted from recent trends
- Establish EV readiness guidelines in site designs
- Maximize benefits of coordinating with federal land use planning
- Cluster uses near each other



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Transportation Sector

- Fuel Efficiency/Low Carbon Fuel
 - 25% fleet purchases/year to be EV
- System and Operational Efficiency
 - Cost effective roadway improvements applied to bottlenecks
- Reduce Growth in VT and VMT
 - Elimination of free parking at activity centers/adjust parking fees
- Other Transportation Sector Strategies
 - Congestion pricing



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Strategy Brainstorming

- Energy
- Built Environment
- Transportation
- Land Use



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