

# FY 2018 Regional Environmental Resources Work Program

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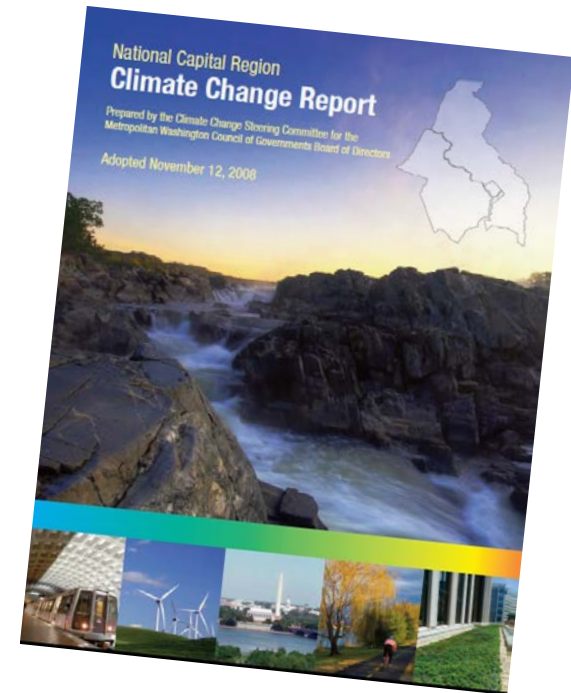
Built Environment and Energy Advisory Committee  
May 18, 2017



Metropolitan Washington  
Council of Governments

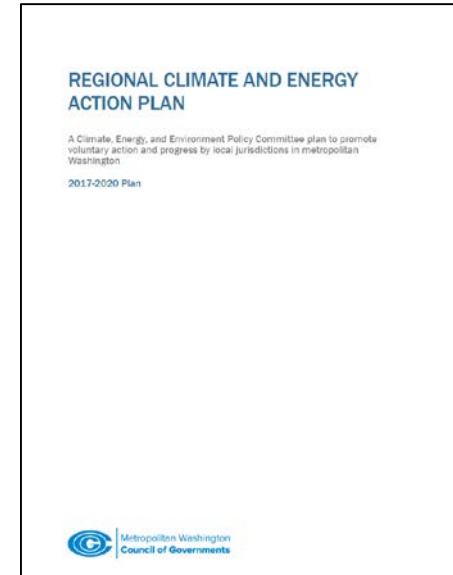
# Regional Environmental Fund

- Established in 1998 to Consolidate Regional Energy Programs
- Implements the 2008 National Capital Region Climate Change Report
- Addresses Energy Planning, Climate Action, Recycling & Solid Waste Management, Green Infrastructure



# Regional Environmental Fund

- Key Driver – Climate & Energy Action Plan
- 2017-2020 Goals
  - Reduce GHG Emissions
  - Reduce Energy Consumption
  - Increase Share of Renewables
  - Advance Sustainable Regional Mobility
  - Increase Sustainable Urban Development
  - Move Toward Zero Waste
  - Build Regional Resilience
  - Protect Equity and Health
  - Grow the Regional Clean Economy



# FY 18 Program

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## Program Areas

- A. Climate & Energy Policy Development
- B. Built Environment Energy Advisory Committee
- C. Energy Infrastructure, Efficiency & Renewables
- D. Sustainability & Adaptation
- E. Air & Climate Public Advisory Committee (ACPAC)
- F. Vehicle Emission Reductions
- G. Recycling & Solid Waste
- H. Green Infrastructure
- I. Member Support & Program Development

# Climate & Energy Policy Development

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- Energy & Greenhouse Gas Mitigation Policies & Programs
  - 2017-2020 Climate & Energy Action Plan
  - Action Plan Resource Guidance Document(s)
  - Identify and Support Energy & Air Quality Measures
  - Complete Greenhouse Gas Inventories – 2015 Local
  - Analyze drivers of change between regional inventory years
  - Progress Reporting & Dashboard
- COG Energy & Climate Legislative Priorities
- Track Federal and State Plans and Programs

# Built Environment - Energy Advisory Committee

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- Technical Advisory Committee to CEEPC
- Support Local Solutions to Energy & Climate Challenges
- Regional Emergency Support Function 12 – Energy Emergencies
  - Consolidate Multiple Regional Response Plans
  - Plan for Emergency & Cascading Impact Response
  - Participate in National/Regional Exercises (e.g., GridX)
- Utility and Energy Data Collection & Analysis
- Local Program Capacity Building
  - Networking, Workshops & Training

# Energy Infrastructure, Efficiency & Renewables

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- Implementation of Energy Efficiency & Renewable Energy
  - Building Efficiency, Energy Registry, Code Compliance
  - Mid-Atlantic PACE Alliance & Green Bank Support
  - Support Community Solar Programs; Solar with Storage
  - Cooperative Solar Procurement, Residential & Commercial Solarize, Solar Strategy Support
  - Expand Green Cooperative Purchasing
- Distributed Energy Systems
  - CHP and Microgrid Systems Analysis
  - Geothermal Potential Study Support
- Alternate Fuel Vehicle Infrastructure
  - Fleet Grants, Clean Cities & EV Workgroup, VW/Electrify America, Others

# Sustainability & Adaptation

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- Regional Planning Coordination
  - Partnerships (NCPC, Corps of Engineers, GSA)
    - Coastal Storm Risk Study
    - Vulnerability Assessments
  - Adaptation Studies & Plans
  - All Hazards Planning
- Smart Cities/Clean Tech, Economic Development
- Capacity Building & Technical Assistance
  - Networking, Workshops & Training
  - Support State and Local Initiatives – District of Columbia Climate Initiatives, NVRC Climate Resiliency Team, Maryland Climate Change Commission, Sustainable Maryland



# Air and Climate Public Advisory Committee

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- Advisor to CEEPC and Metropolitan Washington Air Quality Committee (MWAQC)
- Monthly Meetings
- Initiatives
  - Identify Priority Local Measures
  - Climate and Energy Leadership Awards
  - Environmental Justice Toolkit Outreach

# Vehicle Emission Reductions

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- Federal, State, and Other Grants
  - Cooperative Procurement of AFVs
  - Diesel Retrofits
  - Electric Vehicle Infrastructure Support



# Regional Solid Waste Management & Recycling

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- Recycling Committee
- Solid Waste Managers Workgroup
  - Demolition Debris Management
- Organics Task Force
- I-95 Landfill Committee
- Go Recycle Campaign
- America Recycles Day

# Green Infrastructure

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- Urban Forestry
  - Community Forestry Network
  - Regional Urban Forest Canopy Analysis and Report
  - Reforestation
  - Urban Forestry Grants
- Agriculture
  - Washington Regional Agricultural Workgroup
  - National Capital Farms.org
  - What Our Region Grows
  - Food Value Chain Coordinator



# Member Support & Program Development

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- Support Regional Initiatives
  - Economic Competitiveness and Infrastructure
  - Federal Partners, Green Incubators & Business Accelerators
  - Global Cities Initiative
- COG Corporate Sustainability Report
- Respond to Member Requests
- Program Management
- Staff Capacity Building

# Budget

Climate Policy Development	\$258,093
Built Environment and Energy Advisory Committee	\$167,879
Energy Infrastructure, Efficiency & Renewables	\$324,341
Sustainability/Adaptation	\$80,547
Air and Climate Public Advisory Committee	\$81,062
Vehicle Emission Reductions	\$60,000
Management / Member Support	\$45,536
Recycling/Solid Waste	\$170,700
Green Infrastructure	\$176,300
Total	\$1,364,508



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