

Montgomery County, Maryland Climate Planning Process

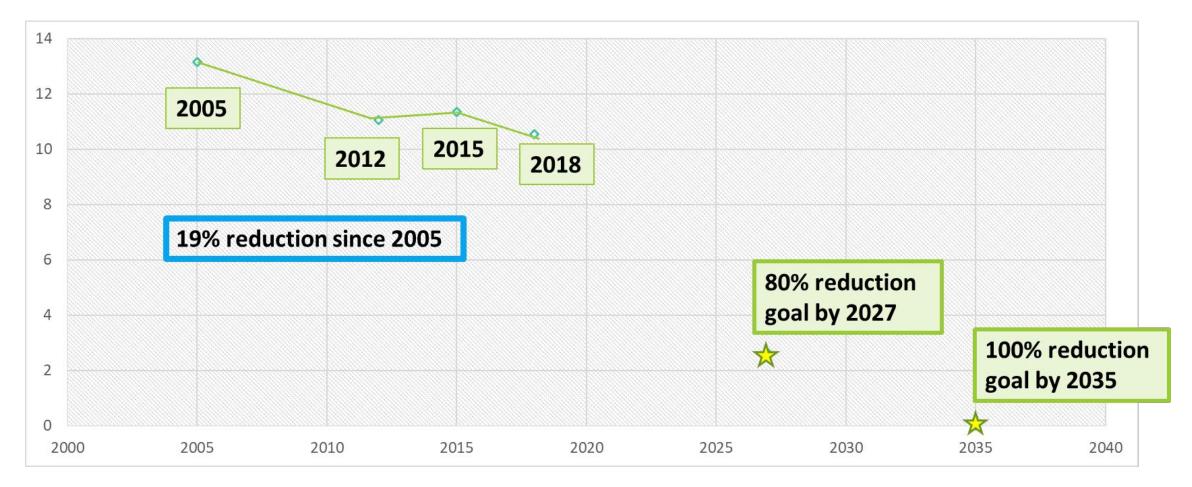
Air & Waste Management Association Baltimore-Washington Chapter May 27, 2021

Montgomery County's Climate Timeline (some highlights)

Climate goals set: Reduce GHGs 80% by 2050	2007	Green Buildings Law established (LEED requirements)
	2008 —	EmPOWER Maryland utility incentives established
2009 Climate Protection Plan completed	2009	Green Business Certification Program launched
	2010	
	2011	
Comm. Building Energy Efficiency Policy Study	2012 2013	
Established a County Office of Sustainability	2014	Building Energy Benchmarking
	2015 —	- Commercial PACE Financing program
Declarad a Climata Emergenau	2016	- Montgomery County Green Bank
Declared a Climate Emergency	2017	First County microgrid projects completed
County Climate Mobilization Workgroup Report	2018	
Public Technical Workgroup Recommendations	2019 	New two-tier energy-efficient building incentive
Climate Action Plan being finalized	2020	 - 2018 IgCC introduced to Council - BEPS introduced to Council

Montgomery County's Climate Goals

- In 2017, the County Council unanimously passed a resolution declaring a climate emergency
- Emissions reduction goals of 80% by 2027 and 100% by 2035



Source: Metropolitan Washington Council of Governments (MWCOG) Montgomery County GHG Inventory

Climate Planning Considerations – What should the Plan cover?





Climate Adaptation Economic Development



Land Use

Planning

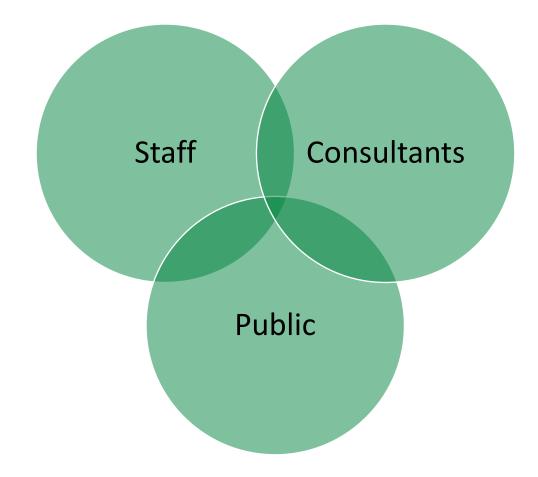


Racial Equity

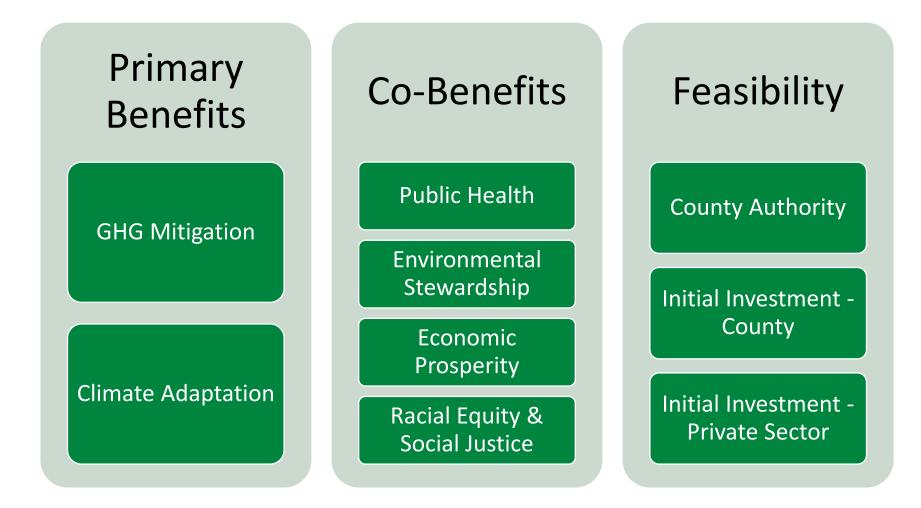


Climate Governance

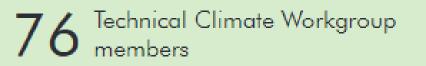
Climate Planning Considerations – Who should be involved?



Climate Planning Considerations – Approach to Analysis



Public Engagement during the Climate Planning Process



Workgroup Meetings

Racial Equity and Social Justice Workshops

130 Community Conversations with Resilience Ambassadors

ORGANIZATIONS PARTICIPATING IN THE CLIMATE PLANNING PROCESS:



Climate Planning Workgroups



Climate Adaptation and Carbon Sequestration

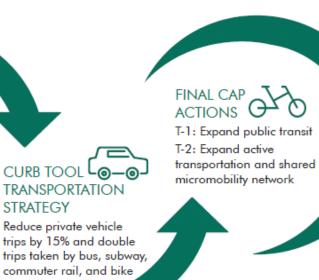
Public Engagement and Education

894 Recommendations!

From Workgroup Recommendations to Climate Plan Actions

TRANSPORTATION WORKGROUP RECOMMENDATION EXAMPLES

- Expand to 1,100 miles of safe bike paths and lanes while also protecting parklands
- Create dedicated bus lanes on major roads to support other transit/future BRT network
- Provide free Ride On & Metrobus SmartCard/stipends for seniors



of Area Actions **Clean Energy** 5 Buildings 7 Transportation 13 **Carbon Sequestration** 6 **Climate Adaptation** 20 **Climate Governance** 16 Public Engagement 20 87 TOTAL

News from the Draft Climate Action Plan



- Natural gas will be banned
- All new buildings must be net zero
- Cars will be limited in urban areas
- Some roads will have tolls to reduce their use
- The County will buy floodprone properties

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