

# WHERE HAVE WE BEEN?

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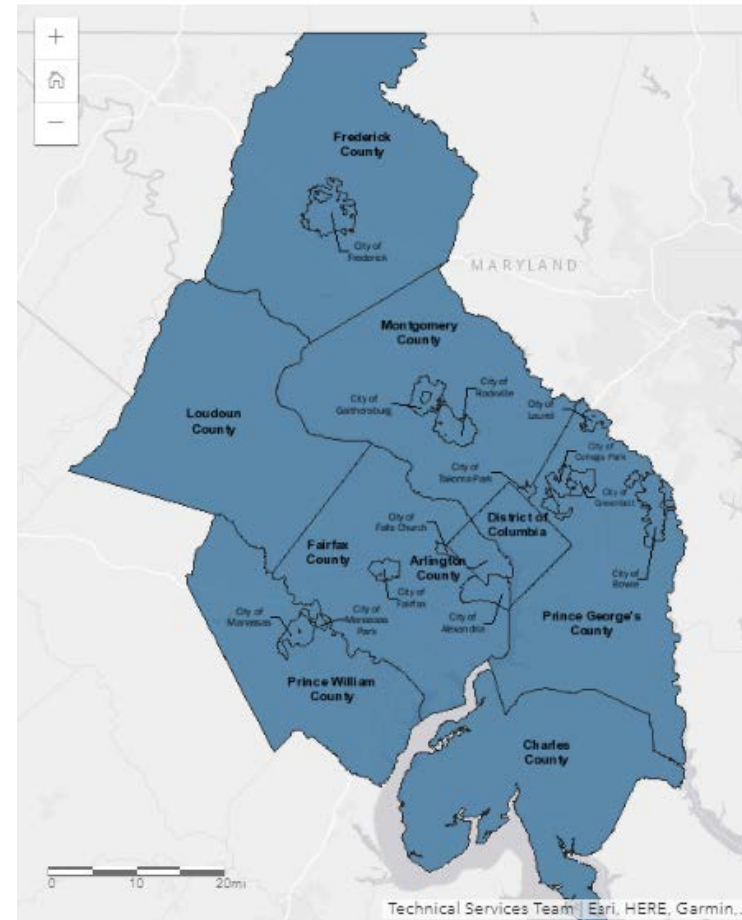
## Progress Toward 2020 Climate Goals

Maia A. Davis  
Senior Environmental Planner

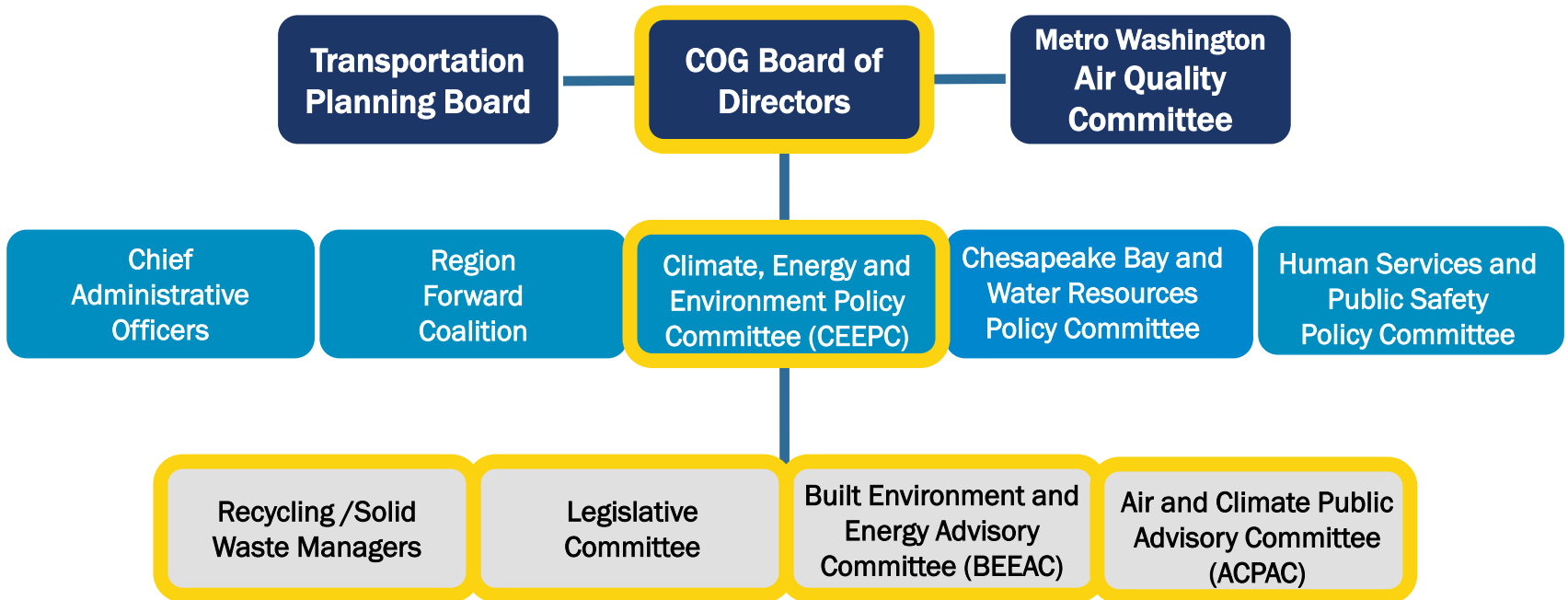
Climate Planning Work Sessions  
November 20 - 21, 2019

# COG & Our Region

- COG Members: 24 local governments, states of Maryland and Virginia, U.S. Congress
- Officials and experts come together at COG to address region's most challenging issues.
- COG Board adopted regional greenhouse gas emission reduction goals in 2008



# COG Committee Structure



# CEEPC's 10 Guiding Principles

## 10 Guiding Principles of Collaborative Climate Planning

1. Collective Action	6. Transparency
2. Effective Partnerships	7. Innovation
3. Lead by Example	8. Community Leadership
4. Integration	9. Inclusive Engagement
5. Flexibility	10. Advocacy



# CEEPC's 2020 Plan Action Areas

## Regional Climate and Energy Action Plan's 9 Climate Action Areas

1. Reduce GHG Emissions	6. Move Toward Zero Waste
2. Reduce Energy Consumption	7. Build Regional Resilience
3. Increase Share of Renewables	8. Protect Equity and Health
4. Advance Sustainable Regional Mobility	9. Grow the Regional Economy
5. Increase Sustainable Urban Development	



# 2030 Regional Climate Plan Timeline

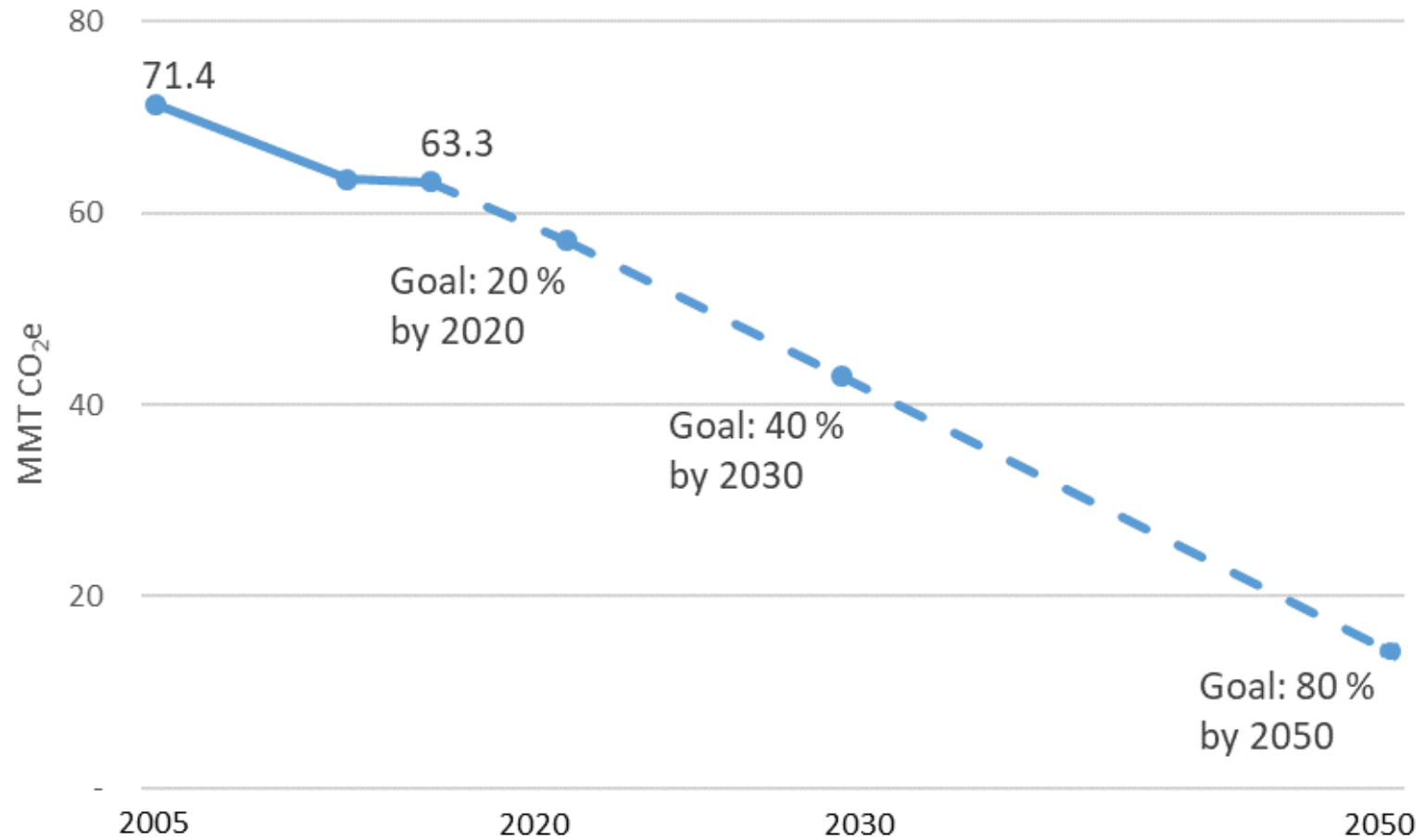
2030 Action Plan Development Timeline	2019				2020									
	9	10	11	12	1	2	3	4	5	6	7	8	9	10
Regional GHG Inventory and BAU Projections			W											
Mitigation Targets and Low-Carbon Scenarios			W				W							
Regional Climate Risk and Vulnerability Assessment			W				W							
Climate Mitigation and Adaptation Actions							W							

W = Workshops

# Global Covenant of Mayors (GCoM)

GCoM Pledge Commitments	Reduce/Limit GHG Emissions	Prepare for Climate Change Impacts	Increase Access to Sustainable Energy	Track Progress
CRF Reporting Elements	GHG Inventory			
	GHG Reduction Targets			
		CRVA		
	Climate Action Plan			Progress Report

# Regional Greenhouse Gas (GHG) Goals

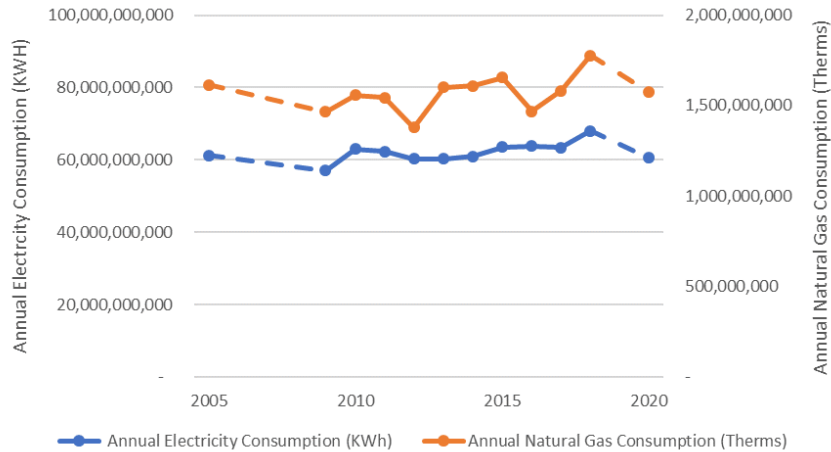




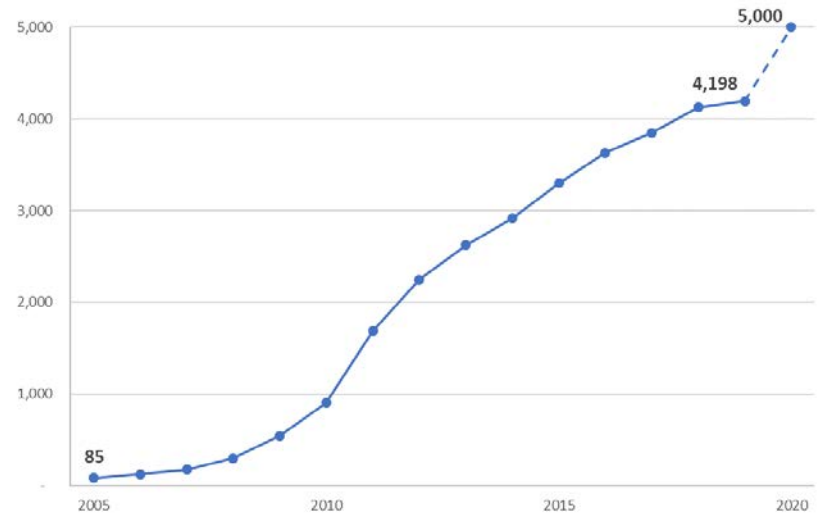
# Energy and Green Building Trends

## Energy Consumption

**DRAFT**



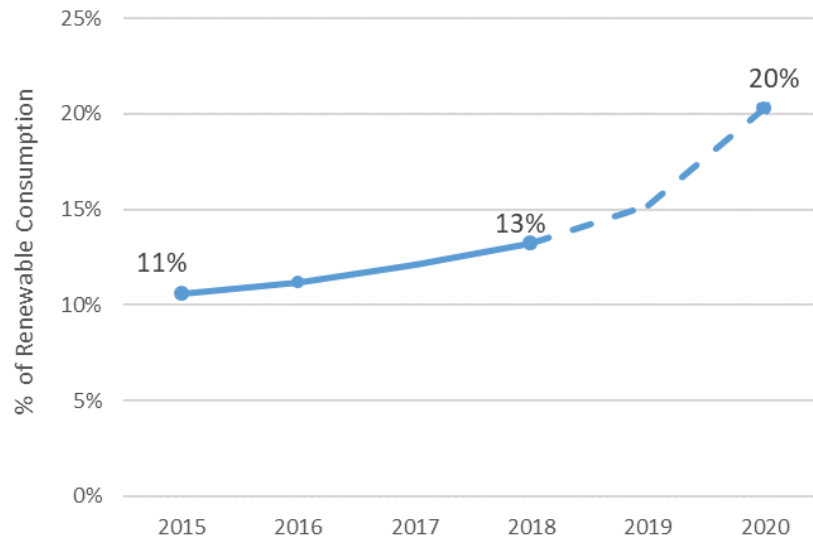
## Certified Green Buildings



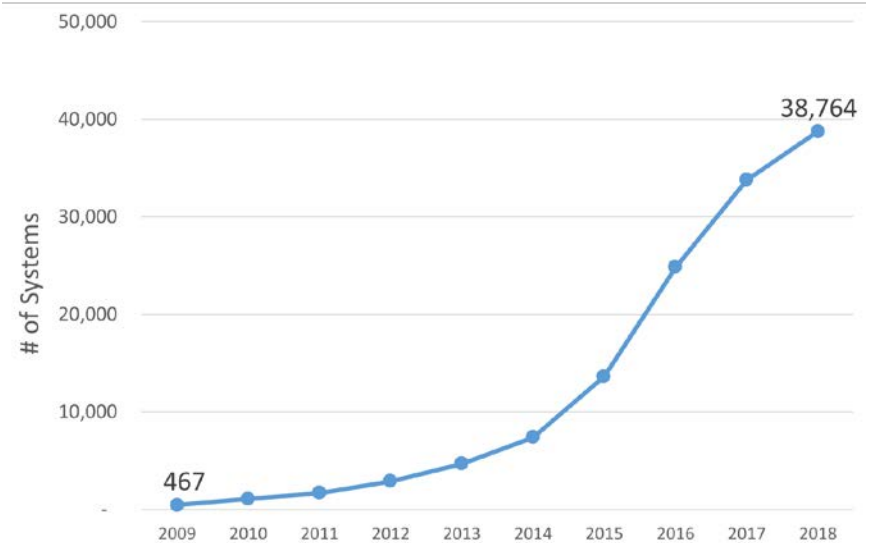
# Renewable Energy Trends

## % of Energy From Renewables

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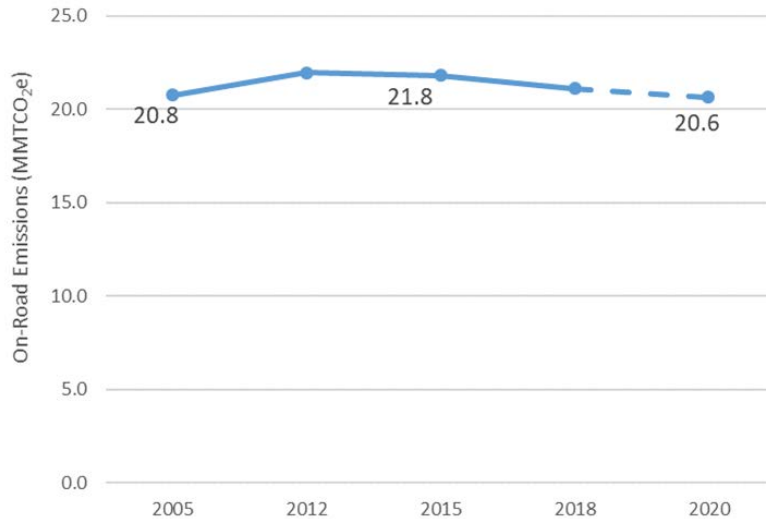


## Grid-Connected Renewables

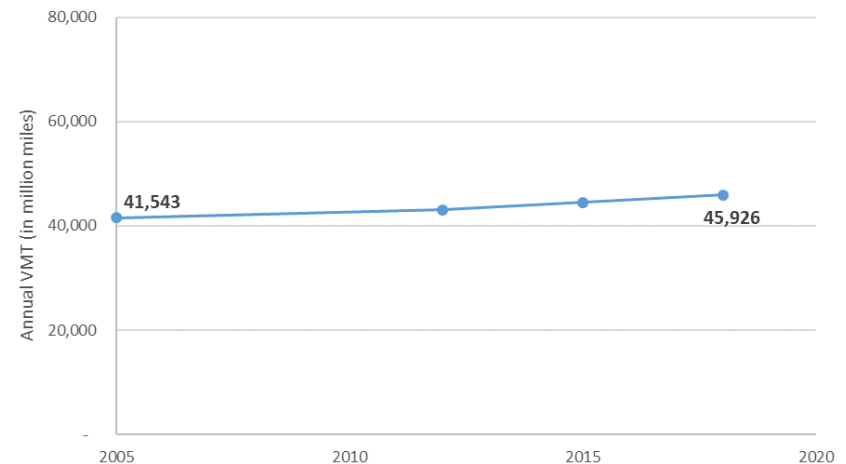


# On-Road GHGs and VMT Trends

## On-Road GHG Emissions

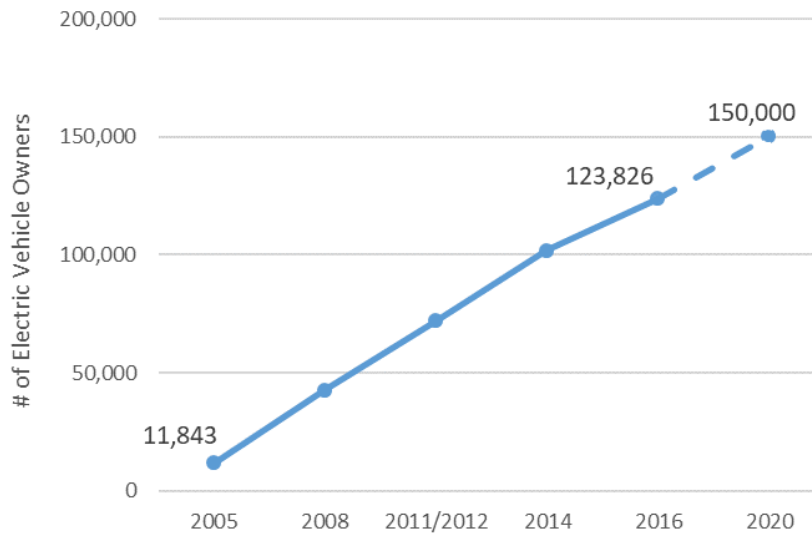


## Vehicle Miles Travelled

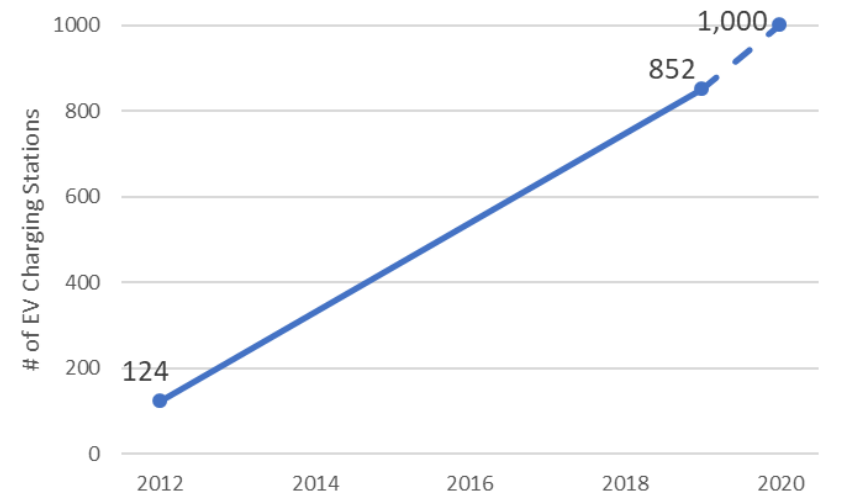


# Electric Vehicle Trends

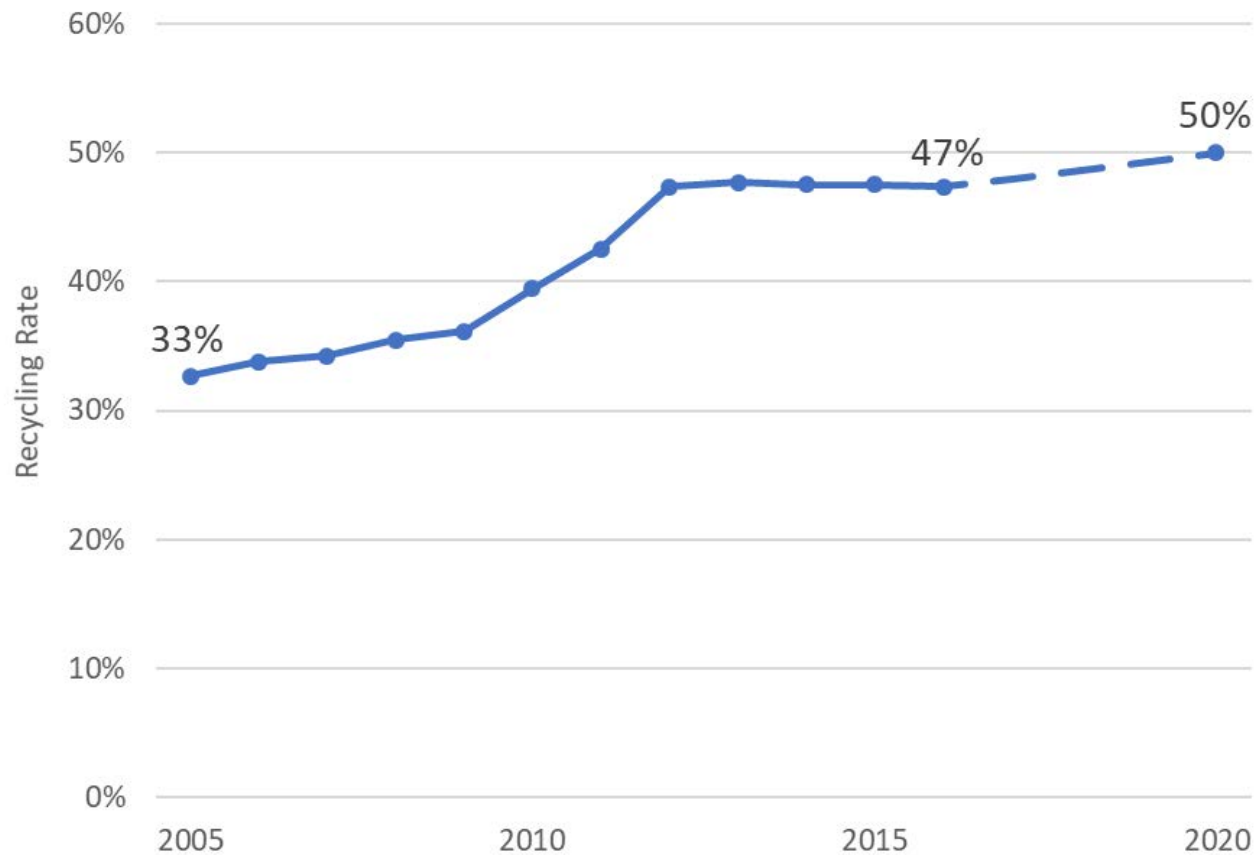
## EV and Hybrid Ownership



## EV Charging Stations



# Recycling Rate Trends



# Nov. Work Sessions Stakeholder Input

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- Input on DRAFT 2030 goals, projections and scenarios, climate risk and vulnerability assessment and mapping opportunities.
- What does “Energy Access” mean for Metro Washington?
- What does a resilient region look like?
- What are priority actions that communities and stakeholders need to work on together to support implementation and meet 2030 goals?
- How should we measure success towards both mitigation and resilience 2030 goals?

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