

Montgomery County, MD

FY22 Climate Work Plan

Quarter 1 Updates

Highlights:

- **Clean Energy:** The inaugural Capital Area Solar Co-op concluded in August 2021 with 235 signed contracts to install 2.1 MW of solar PV capacity on single-family homes in the region -- 76 of those are in Montgomery County totaling 629 kW of installed capacity to come online by the end of the calendar year.
- **Clean Energy:** DPS is currently in the first phase of the SolarAPP+ pilot program. SolarAPP+ will allow applicants to obtain pre-approval for basic residential rooftop solar installations.
- **Buildings:** New DGS construction and major renovation projects that are currently in the design and planning phases have completed net zero studies. The completed net zero studies will inform the design standards and best practices to be utilized in future projects. Cost implications are included in the studies.
- **Transportation:** MCDOT's Flex service was restored as an ongoing service in July 2021 and has seen steady growth in ridership.
- **Transportation:** Montgomery Planning completed the [Pedestrian Level of Comfort map](#), a component of the Pedestrian Master Plan underway and completed the Pedestrian Audit Toolkit and hosted a training session for community members in September.
- **Transportation:** MCDOT removed the Mid-County Highway from the 2022 Transportation Long Range Plan, Visualize 2045.
- **Carbon Sequestration:** OAG is working with the Soil Conservation District to locate sites for riparian forest buffer plantings to be installed with state and federal cost share funding.
- **Carbon Sequestration:** DEP worked to launch curbside food composting pilot to collect single-family residential food scraps.
- **Climate Adaptation:** Montgomery Parks has acquired over 18 acres of designated property through the Legacy Open Space program, with an additional 362 acres of conveyance pending approval of the Creekside at Cabin Branch and Ashford Woods development plans.
- **Governance:** OMB, DEP, and CEX worked to include a set of climate change questions to be addressed by departments during operating budget submissions and is developing similar questions and an evaluative framework for CIP budget submissions.
- **Public Engagement and Education:** MCPS reports that work is well underway in science to identify the myriad climate connections in the current curriculum and highlight that content. A draft of climate connections will be ready to share with related MCPS

departments in November. As part of the review of the current MCPS science curriculum, areas are being identified to embed additional climate change content. The social studies office is focusing on a new elementary curriculum and embedding instruction that addresses the MSDE environmental literacy standards including climate change education.

Racial Equity & Social Justice Highlights:

- Montgomery Parks is increasing focus and prioritization on parks located in Equity Focus Areas to ensure that they are being/have been visited on a regular basis for assessment of tree planting/canopy coverage needs.
- OEMHS is working to identify target areas for Alert Montgomery focused outreach.
- Montgomery Parks opened Nolte Community Garden, the first garden of this typology in the county. The garden provides 19 accessible gardening beds sitting atop of the foundation of a demolished Park Activity Building. This garden addresses equity goals by engaging seniors and food insecure families in this part of Silver Spring. In addition, this garden has increased biological diversity with the installation of fruit and vegetable plants, annuals, native plants, wildflowers, etc. This brings the program to 12 community gardens across the county.
- The Climate Team developed a climate equity metrics reference guide for County departments to use during the development and implementation of climate policies and programs; convened a meeting with community members to gather feedback on the general approach.
- DEP is working with various County staff and the MORE Network on implementation of the Community Justice Academy (or an effort based on the principles of this CAP action); contracted with Justice Alchemy to guide efforts; developed draft purpose statement and refining criteria for steering group members; invited prospective funder into discussions; the Climate Engagement position currently being advertised will help lead this effort once hired and onboarded.
- DEP is organizing climate storytelling workshops, facilitated by [Climate Stories Project](#), in which community members develop, articulate, record, and share their own climate story—their personal and community relationship with climate change. This project is related to the Community Justice Academy as its focus is on amplifying the voices of under-represented and frontline community members. Community based partners include the African American Health Program, Latino Health Initiative, Community Advocacy Institute, African Affairs Advisory Group, Caribbean American Advisory Group and others.

Legislative and Regulatory Policy Highlights:

Legislative

- DEP drafted legislation to ban the sale and use of gas-powered leaf blower equipment; expected to be sent to Council in Fall 2021.
- The Council public hearing on Building Energy Performance Standards (BEPS) occurred in July 2021; the first T&E work session occurred on October 28, 2021, with additional work sessions to follow this Fall 2021. DEP is continuing to brief stakeholders on the BEPS legislation.
- DEP and Finance developed amendments to expand the scope of the Commercial Property Assessed Clean Energy (C-PACE) program, which was transmitted to the County Council for review and adoption in late October 2021.
- Amendments to the Montgomery County Green Bank's enabling legislation to allow the Bank to engage in climate resilience activities have been drafted and will be sent to the County Council in Fall 2021.

Regulations:

- The 2018 International Green Construction Code (Executive regulations) was adopted in September 2021 through an unanimous vote by County Council.
- The MCDOT NextGen Transportation Demand Management regulations were advertised in the County register for public comment in September 2021. MCDOT is reviewing comments to determine any needed revisions.
- The PSC Community Choice Energy workgroup began meeting in September 2021 and will meet twice per month. Staff representing CEX, DEP, and the County Attorney are participating in the workgroup to develop the regulatory framework for the CCE program.



Clean Energy

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E-1: Community Choice Energy (CCE) Program	<ul style="list-style-type: none"> • Develop CCE implementation plan. • Participate in Maryland Public Service Commission (PSC) workgroup to develop the regulatory framework for the program. 	<ul style="list-style-type: none"> • The PSC Community Choice workgroup began meeting in September and will meet twice per month. Staff representing CEX, DEP, and the County Attorney are participating in the workgroup. • DEP is currently evaluating proposals for consultant support to develop a CCE program plan and assist with the PSC workgroup process.
E-2: Private Building Solar Photovoltaic Code Requirements	<ul style="list-style-type: none"> • Adopt Appendix ZE (a net-zero energy stretch code) with the 2021 International Energy Conservation Code (IECC) for both commercial and residential including major alterations. 	<ul style="list-style-type: none"> • DPS is working with stakeholders to explore options for the 2021 IECC. The 2021 codes are currently under review at the state level. Once the state publishes the 2021 codes, the County can move to public engagement.
E-3: Promote Private Solar Photovoltaic Systems	<ul style="list-style-type: none"> • Continue to promote residential solar installations through the annual solar co-op program. • Explore programs, incentives, and financing with the Green Bank and other partners to 	<ul style="list-style-type: none"> • DEP surveyed commercial entities, installers, and hosted conversations with installers and the Green Bank regarding barriers and opportunities to expand solar installations and is developing recommendations for programming possibilities or incentives. • The inaugural Capital Area Solar Co-op concluded in August 2021 with 235 signed contracts to install 2.1 MW of solar PV capacity on single-

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	<p>increase PV systems installations.</p> <ul style="list-style-type: none"> • Improve data collection of solar permitting and inspections. 	<p>family homes in the region -- 76 of those are in Montgomery County totaling 629 kW of installed capacity to come online by the end of the calendar year.</p> <ul style="list-style-type: none"> • DPS is currently in the first phase of the SolarAPP+ pilot program. SolarAPP+ will allow applicants to obtain pre-approval for basic residential rooftop solar installations. • DPS's customer service section has moved large PV installations into its case management process. This puts additional focus and resources on projects deemed a high priority. The new database system is progressing on schedule and will allow DPS to continue to explore new data collection and reporting. • The Green Bank held a launch event for community solar at Paddington Square in August 2021. This is a 273 kW system with 91 subscriptions and 30% for low-and-moderate income households. • The Green Bank hosted multiple webinars with community organizations and property owners about solar and released a video featuring homeowners who went solar through the County Solar Co-op and using Green Bank financing. • The Green Bank evaluated the portfolio of an affordable housing owner for potential for solar on its properties and is developing a list of potential properties to further explore designs. • The Green Bank is working with Pepco on a possible solution for community solar on garden-style condominiums which could significantly reduce costs and make such solar developments more

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		<p>feasible in these mostly affordably priced homes to low- and moderate-income families.</p> <ul style="list-style-type: none"> • The Green Bank is continuing to market its Clean Energy Advantage Solar program to County Solar Co-op participants in partnership with the Clean Energy Credit Union. • OAG coordinated with equestrian landowners and solar installers to find sites in the Agricultural Reserve to build 2MW installations.
<p>E-4: Public Facility Solar Photovoltaic Installations and Groundwork</p>	<ul style="list-style-type: none"> • Complete the Oaks landfill solar installation, generating 6 megawatts of electricity. • Complete the Scotland Community Center resilience hub and solar installation. • Complete Phase I of the Brookville Bus Depot microgrid and electric bus charging station installation. • Implement solar installations at selected MCPS schools. • Launch agrivoltaic study project in the Agricultural Reserve. • Implement solar installations at selected M-NCPPC locations. 	<ul style="list-style-type: none"> • The DGS Oaks landfill solar project has completed design and construction is expected to be completed in fall 2022. The Montgomery Planning Board approved the Mandatory Referral in September. • The DGS Scotland Recreation Center resilience hub has completed Design Phase; Construction Phase is expected to be completed in fall 2021. See also A-8 below. • The DGS Brookville Smart Energy Depot has completed design and hosted a groundbreaking in September 2021. The Phase 1 construction is expected to be complete in summer 2022. • The MCPS Division of Sustainability and Compliance has a Request for Proposals (RFP) in progress for 8 additional school locations to bring the total to 25 by 2024; proposals are due November 3, 2021 and will be presented for board approval thereafter. • The Green Bank engaged with MCPS as it developed the solar RFP. MCPS could not include the Green Bank in the RFP. The Green Bank is conducting outreach to potential

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		<p>submitters to determine if its support is needed.</p> <ul style="list-style-type: none"> • DEP contracted with the National Renewable Energy Laboratory to help develop an RFP for an agrivoltaic pilot and demonstration site on Revenue Authority property at the Poolesville Golf Club; in discussion with University of Maryland College of Agriculture and Natural Resources for project research support. OAG and DGS are also supporting this effort. • Montgomery Parks is currently working on a 67-kW rooftop solar installation at Black Hill Regional Park. The project, currently in design, will provide more than 80,000 kWh of clean energy to the operation of the park. • The Green Bank worked with M-NCPPC on a lease of the Meadowbrook Stables in order to complete a solar power purchase agreement on this property. • The Green Bank is working with MCDOT on the possible use of a parking garage for solar PV for the HOC headquarters and affordable housing of HOC, and initiated the concept with MCDOT of other prospective sites for community solar. • Montgomery College identified and included in its Utility Master Plan potential spaces for solar PV on each campus.



Buildings

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<p>B-3: Energy Performance Standard for Existing Commercial & Multifamily Buildings</p>	<ul style="list-style-type: none"> • Complete building typology study to inform BEPS standards. • Participate in public hearing and Council work sessions about the Building Energy Performance Standard bill; continue outreach to external stakeholders. • Subject to passage of the bill, draft regulations and identify state-level legislative solutions to overcome enforcement challenges. • Subject to passage of the bill, establish the BEPS Advisory Board. • Develop position descriptions for BEPS program implementation. • Continue exploration of expanding DC Building Innovation Hub into a regional entity. 	<ul style="list-style-type: none"> • The building typology study to inform BEPS regulations will be completed in fall 2021. • The Council public hearing on BEPS occurred in July 2021; the initial T&E work session occurred on October 28, 2021, with additional work sessions anticipated in Fall 2021. • DEP is continuing to brief stakeholders on the BEPS legislation. DEP is developing a focus group platform to collect feedback on a technical assistance hub and/or one-stop shop assistance design and offerings. • The Green Bank is initiating evaluation of additional financing options to support BEPS. • The Green Bank initiated a small pilot in September 2021 to offer six technical assistance audits to commercial property owners to determine interest and manner that can support owners. • The Green Bank released a video on how a condominium association developed plan for energy efficiency improvements and how the Green Bank helped them finance the project.

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		<ul style="list-style-type: none"> The Montgomery College Rockville campus submetering project is underway. By the fall of 2021, the College hopes to have all three campuses submetered.
<p>B-5: All-Electric Building Code for New Construction</p>	<ul style="list-style-type: none"> Evaluate adoption of the net-zero energy appendices to the 2021 International Energy Conservation Code and evaluate opportunities to include decarbonization language in the code. 	<ul style="list-style-type: none"> DPS is working with stakeholders to explore options for the 2021 IECC. The 2021 codes are currently under review at the state level. Once the state publishes the 2021 codes, the County will move to public engagement. DPS will utilize the New Buildings Institute decarbonization language during amendment proposal.
<p>B-6: Disincentivize and/or Eliminate Natural Gas in New Construction</p>	<ul style="list-style-type: none"> Explore next steps to address state-level preemption issues that constrain the County's ability to ban natural gas in new construction. Develop alternative strategies to a natural gas ban that disincentivize fossil fuels or incentivize electrification. 	<ul style="list-style-type: none"> The County is continuing to explore legal and building code strategies to disincentivize fossil fuel use and encourage electrification in newly constructed buildings. See B-5 for related DPS efforts.
<p>B-7: Net Zero Energy Building Code for New Construction</p>	<ul style="list-style-type: none"> Evaluate opportunities to reach net-zero energy in both commercial and residential construction through the 2021 codes. The Department of General Services has embarked on demonstrating commitment for net-zero buildings; design 	<ul style="list-style-type: none"> DPS is working with stakeholders to explore options for the 2021 IECC. The 2021 codes are currently under review at the state level. Once the state publishes the 2021 codes, the County will move to public engagement. DPS will utilize the New Buildings Institute decarbonization language during amendment proposal. Additionally, the 2018

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	<p>standard for new buildings is that they be net zero.</p> <ul style="list-style-type: none"> • MCPS will assess if schools that are currently under construction can be made net zero. 	<p>International Green Construction Code, which was adopted in September 2021, will advance energy goals through enforcement on new construction over 5,000 square feet.</p> <ul style="list-style-type: none"> • New DGS construction and major renovation projects that are currently in the design and planning phases have completed net zero studies. The completed net zero studies will inform the design standards and best practices to be utilized in future projects. Cost implications are included in the studies. • MCPS is preparing a request for capital funding for sustainability initiatives, including any potential increases to construct to net zero.



Transportation

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<p>T-1: Expand Public Transit</p>	<ul style="list-style-type: none"> • Restore County-operated bus services to full budgeted level in FY22. • Support project progress of Purple Line, Bethesda Metro South Entrance, Capital Crescent Trail, and Silver Spring Green Trail. • Continue design efforts for Veirs Mill Bus Rapid Transit (BRT) and 355 BRT; begin preliminary engineering for US29 BRT Phase 2; and perform preliminary engineering for Great Seneca Science Corridor Transit Enhancements. • Pursue grant funding and federal funding opportunities. • Initiate transportation funding workgroup to identify funding resources for transit expansion. • Reinstitute Flex demand-response service. • Implement new bus priority program including acquiring 	<ul style="list-style-type: none"> • MCDOT’s Ride On services will be at 94% of pre-Covid service levels in January 2022 and at or near full pre-Covid levels by June 2022. MCDOT is developing a proactive approach to attract and retain bus operators to provide increased service. • MDOT/MTA is working on the re-solicitation of the design-build contractor for a public-private partnership contract that included the Purple Line and other County Funded Projects listed in this Action item. Technical and cost proposals are being reviewed. Board of Public Works approval anticipated in December 2021 and a team anticipated to be under contract by the Spring of 2022. The County expects to have a revised work plan and schedule from the State at that time. • Preliminary design continues to advance for both Veirs Mill Road and MD 355 BRT. Preliminary design for US 29 BRT Phase 2 is awaiting completion of the US 29 Mobility and Reliability Study Part 2, requested by County Council T&E Committee, to be

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	<p>State approvals for and implementation of dedicated bus lanes in three defined areas: Wheaton, Germantown, and US 29.</p> <ul style="list-style-type: none"> • Initiate Reimagine Ride On system redesign plan and coordinate with and support WMATA bus network redesign plan). • Conduct study of potential for further reduced or free bus fares for all, or for sub-markets of the population. • Expand free fare hours of service on Ride On and Metrobus for seniors and people with disabilities. 	<p>completed and should start sometime next year. Preliminary engineering for Great Seneca Science Corridor Transit Enhancement is beginning.</p> <ul style="list-style-type: none"> • MCDOT is submitting a Bus and Bus Facilities grant proposal to upgrade the Silver Spring bus depot. MCDOT submitted a RAISE grant application for hydrogen fueling and a fleet to support the Great Seneca Science Corridor transit network. MCDOT is preparing to submit the Veirs Mill Road BRT for consideration as a Small Starts Federal Transit Administration Capital Infrastructure Grant project. • MCDOT established a transportation funding workgroup in September 2021. Members include County government employees, elected officials, private sector developers and construction industry. Mission and vision established and group learning underway to inform ultimate recommendations. • As follow up to the previous pilot program, MCDOT's Flex service was restored as an ongoing service in July 2021 and has seen steady growth in ridership. • The Bus Priority Program has funding for FY22, and MCDOT is finalizing plans and a memorandum of understanding with MDOT to implement bus lanes in Wheaton and Germantown in FY22.

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		<ul style="list-style-type: none"> • The MCDOT Reimagine Ride On project is progressing with a lead consultant being contracted to start in fall 2021. • The MCDOT Fare Equity Study was completed, and a recommendation made from the County Executive to Council. Council voted to extend the free fare policy until January 2022 while it considers long term policy options. • Council voted to permanently extend free fares for Kids Ride Free and Seniors and persons with disabilities – all of whom ride free all day every day. • MCDOT is supporting the WMATA fare demonstration sale that reduced the cost of bus and rail passes and established a \$2 flat weekend rail fare. • The Planning Board reviewed the Capital Crescent Trail under MD-355 and the Capital Crescent Surface Trail Phase 2 on October 14, 2021.
<p>T-2: Expand Active Transportation and Shared Micromobility Network</p>	<ul style="list-style-type: none"> • Advance implementation of bikeway recommendations in the Bicycle Master Plan through capital projects and development approvals. Complement this low-stress bikeway network with expansion of bicycle parking resources, including corrals for dockless vehicles. Expand service areas and continue to 	<ul style="list-style-type: none"> • MCDOT advanced implementation of bikeway recommendations in the Bicycle Master Plan through capital projects and development approvals. • MCDOT continued construction of Capital Crescent Surface Trail Phase 1 and Woodmont Cycle Track, and started construction of the Emory Lane and MD-115 Shared Use Path. • MCDOT started design of Forest Glen Passageway, completed design of the Montgomery Ave

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	<p>pilot test personal mobility options (including shared e-scooters & bikes) with view to move beyond the current pilot program to a longer-term program structure and financial plan.</p> <ul style="list-style-type: none"> • Sponsor Learn-to-Ride bike and e-scooter classes; sponsor Bike-to-Work Day, Walk & Ride Challenge, Car-Free Day, and other initiatives focused on promoting non-auto modes. • Continue aspects of the Shared Streets program to encourage active transportation and community use of public rights-of-way. • Transmit the proposed Complete Streets Design Guide to Council for adoption and begin efforts to amend the County Code and county regulations to be consistent with the Guide. • Coordinate with Transportation Planning Board consultant and Town of Kensington on Transportation Land-Use Connections grant for Kensington-Connecticut Avenue Corridor Bike/Ped 	<p>Two Way Separated Bike Lane and completed 35% design of Amherst Avenue. MCDOT continued design of: the Grosvenor Bicycle and Pedestrian Priority Area (BiPPA), Good Hope Road Shared Use Path, Bradley Blvd, Capital Crescent Trail Tunnel, Dale Drive Shared Use Path, Fenton Street Bikeway, Fenton Street Bikeway, and Forest Glen Sidewalk. Franklin Ave Sidewalk, Heritage Triangle Shared Use Path, MacArthur Blvd Segment 3, Marinelli One Way Separated Bike Lanes, MD 355 Clarksburg Bike Path, Seven Locks Bikeway Facility Planning Refresh, Tuckerman Lane Sidewalk/Bikeway, Veirs Mill Road BiPPA, Washington Grove Connector</p> <ul style="list-style-type: none"> • MCDOT continued construction of the MD 355 Crossing, Frederick Road Bike Path, and Cameron Street to Planning Place Bikeway; advertised the Metropolitan Branch Trail for construction; and started construction of the Oak Drive Sidewalk. • MCDOT completed a pilot of the Grove Street Neighborhood Greenway. • MCDOT started Construction of White Flint Metro Access Improvements Phase 1, constructed 7,200 linear feet of Sidewalk under Sidewalk Program Minor Project, and conducted a Public Hearing for the Decatur Avenue Sidewalk. • MCDOT is working with County representatives, municipalities

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	<p>Access and Safety Study.</p> <ul style="list-style-type: none"> Continue and increase marketing and outreach efforts for recently established Bike Match MoCo program. 	<p>and private e-scooter/e-bike operators to expand service areas covered by the micromobility pilot.</p> <ul style="list-style-type: none"> MCDOT is pursuing placement of additional micromobility corrals in pilot areas. State grant options to support this effort are being pursued. MCDOT is sponsoring Learn-to-Ride bike and e-scooter training classes, which have been well-attended. MCDOT conducted Car Free Day outreach at several locations throughout the County. The Walk & Ride Challenge is being conducted with teams of employees working in transportation management districts. MCDOT is exploring software updates to enable expansion of Walk & Ride to additional areas of the County. MCDOT is coordinating with regional micromobility programs around the region to support first-mile/last-mile mobility and safe operations. MCDOT’s Shared Streets “Block Permit” program remains available as a free service to residents for on-demand temporary street closures to thru traffic. The Complete Streets Design Guide, completed by MCDOT and Montgomery Planning, has been approved by the Planning Board. Updates to the County Code and regulations are in development and expected to be transmitted to Council in November 2021.

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		<ul style="list-style-type: none"> • Montgomery Planning expects to issue the first Bicycle Master Plan Biennial Monitoring Report in late fall 2021. The Report has a summary of all the regulatory projects approved and constructed in 2019-2020, including mileage by bikeway type. • Montgomery Planning completed the Pedestrian Level of Comfort map, a component of the Pedestrian Master Plan underway and completed the Pedestrian Audit Toolkit and hosted a training session for community members in September. • MCDOT selected a consultant for the Kensington-Connecticut Avenue project. Coordination is being established among multiple participants including Transportation Planning Board, Town of Kensington, MCDOT, SHA, MDOT. • The BikeMatch MoCo program is being actively promoted and has received over 160 bikes in its first year of operation. Those bikes have been provided to needy families.
<p>T-3: Private Vehicle Electrification Incentives and Disincentives</p>	<ul style="list-style-type: none"> • Launch Electric Vehicle (EV) Group Buy effort. • Promote EV charging equipment rebates and power cost reductions to increase appeal of EVs. • Explore options for hosting "EV exposure events". 	<ul style="list-style-type: none"> • MCDOT coordinated with the Metropolitan Washington Council of Governments to issue an RFP for an EV Purchasing Co-op program (a.k.a. "Group Buy"). Contract negotiations with the selected vendor are underway and should be completed in early November 2021. Anticipated launch of the Group Buy program is expected in January 2022.

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	<ul style="list-style-type: none"> Expand availability of EV charging in public parking facilities. 	<ul style="list-style-type: none"> MCDOT and DEP coordinated with Poolesville Green for participation in National Drive Electric Week (NDEW), including outreach at the Poolesville Day event. An ad campaign for NDEW event ran on the exteriors of Ride On Electric Buses. See related progress in T-7.
<p>T-4: Constrain Cars in Urban Areas, Limit New Road Construction</p>	<ul style="list-style-type: none"> Continue actions to support removal of the extension of the Mid-County Highway from the Council of Governments’ regional plan to be adopted in FY22. 	<ul style="list-style-type: none"> MCDOT removed the Mid-County Highway from the 2022 Transportation Long Range Plan, Visualize 2045. MCDOT supports revisiting the Visualize 2045 plan again in 2024 to closely examine the merits of projects that do not support the region’s climate goals.
<p>T-5: Zero Emission Public Buses and School Buses</p>	<ul style="list-style-type: none"> Continue development of a zero-emissions transit plan. Place an additional 10 EV transit buses into service for Ride On. Release RFP for next round of electric transit buses. Research hydrogen fueling options for transit and large vehicles and pursue federal grant opportunities (e.g. USDOT’s RAISE Grants) for hydrogen fuel cell fueling site and vehicle acquisition. Finalize MCPS order for first 25 EV school buses (expected Fall 2021). Continue regional collaboration with other 	<ul style="list-style-type: none"> Five EV transit buses for Ride On are scheduled to begin assembly in Winter 2022 and delivery to the County is expected in early Spring. An additional five EV transit buses are expected to begin assembly in Late Spring 2022 and arrive by early Summer. The RFP for the next purchase of zero emission buses will be released in the fall of 2021. MCDOT is in the process of evaluating proposals from consultants to develop the comprehensive Zero Emissions Transition Action Plan for the transit fleet, infrastructure, and facilities. This Plan is expected to be ready by the first quarter of 2023 and will be developed in parallel to the Reimagine Ride On study.

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	<p>jurisdictions and transit providers and local collaboration between MCDOT, DGS, MCPS, and others on Zero Emissions Vehicle (ZEV) bus contracting model.</p>	<ul style="list-style-type: none"> • MCDOT submitted a USDOT RAISE grant for construction of a hydrogen fueling station at the Equipment Maintenance and Transit Operation Center and to acquire hydrogen fuel cell buses for Ride On service. • MCDOT supports WMATA’s goal to achieve an all-clean bus fleet by 2045. • The MCPSEV school bus charging infrastructure is complete for the first location at the Bethesda Depot. Buses are delayed due to production issues and are in the first stages of the production cycle. The first five buses are expected to be delivered in the middle of November. • The Green Bank worked with MCPS to develop options for electrification of its fleet through informal responses to proposals solicited by the Green Bank with intent to offer MCPS ideas and options as it develops its procurement strategy.
<p>T-6: Electrify County and Public Agencies Fleet</p>	<ul style="list-style-type: none"> • Complete study to right-size the County vehicle fleet and develop a targeted approach to transition the County's fleet to ZEVs, including necessary infrastructure and support facilities. • Pilot test EV police vehicle. • Pilot test new type of vehicle charger which would reduce infrastructure/charging 	<ul style="list-style-type: none"> • DGS’s Phase I fleet transition study focused on eliminating vehicles due to underutilization, downsizing and replacing with a smaller vehicle, and identifying County vehicles that can be replaced with zero-emission vehicles. The Phase I study is expected to be completed in early Winter 2022. See also G-13 below. • The MCPD Pilot test EV police vehicle has been received. DGS is working with the manufacturer and equipment

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	<p>network constraints for administrative fleet.</p>	<p>supplier to solve technical issues related to fitting the vehicle for police service.</p>
<p>T-7: Expand the Electric Vehicle Charging Network</p>	<ul style="list-style-type: none"> • Increase the availability of electric vehicle charging stations at public parking facilities and other County locations, including M-NCPPC parkland sites. • Expand use of the pilot program for residential charging. • Examine opportunities for on-street charging and/or streetlight charging pilot program at selected locations in the County. • Encourage and, where possible, require new projects to provide EV charging or EV charging-ready spaces in their parking facilities. • Modify the public benefits list for site plan approval to encourage or require EV charging stations in a wider range of projects. • Implement EV charging station wayfinding signage program to facilitate EV access and to reinforce awareness of the general public about widespread availability of EV charging. • Install pilot EV charging station at a MCPS administrative center. 	<ul style="list-style-type: none"> • Montgomery Parks is working with local energy utilities to site publicly accessible electric vehicle charging stations at select locations on parkland. Sites are currently under engineering design review and a list of approved locations will be shared at a later date. • Implementing EV charging requirements for new projects and as part of the public benefits list would require a zoning text amendment in order to implement. • MCDOT partnered with DGS to allow charging of County EV Fleet vehicles at Parking Lot District EV charging stations. This is especially useful in areas such as Wheaton where the new office building houses several County agencies and fleet vehicles. • MCDOT is working with PEPCO to expand the number of charging locations in County facilities. • MCDOT finalized guidelines and Council adopted code changes to allow for homeowner-installed vehicle charging facilities within the public right of way. DGS issued an RFP for the provision of EV charging stations on County properties; responses are being evaluated. The plan is to make more charging available on County property for both County

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		<p>vehicles and EVs owned by the public.</p> <p>Clarksburg Condominiums to install 6 EV chargers.</p> <ul style="list-style-type: none"> • The Green Bank provided funding for an EV charging installation at the Clarksburg Condominiums. • The Green Bank submitted a grant proposal to a private funder to support EV chargers in affordable rental multifamily buildings. • The Green Bank is promoting the concept of EV chargers for affordable housing in discussions with various affordable housing parties. • MCDOT installed 42 EV charging station wayfinding signs in Bethesda, Silver Spring and Wheaton. The signs are in and around public parking facilities that currently have EV charging stations. The wayfinding signage was installed to assist current EV owners to locate charging stations available in public parking facilities, and to create public awareness of the County's charging infrastructure to encourage more EV purchasing/leasing. There are currently 20 Level 2 charging stations available at parking facilities in Bethesda, Silver Spring and Wheaton. • MCDOT collaborated to select three potential “streetlight” charging locations within the central business districts to include Grandview Avenue at

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		Ennalls Ave (Wheaton); 4704 W. Virginia Avenue (Bethesda); and 8212 Colonial Lane (on Ripley Street), Silver Spring.
T-8: Transportation Demand Management and Telework Strategies	<ul style="list-style-type: none"> • Finalize NextGen Transportation Demand Management (TDM) regulations. • Implement requirements for TDM strategies to be adopted for new and existing projects in additional areas of the County under NextGen. • Begin implementation of White Oak Transportation Management District • Promote use of more generous transit/vanpool subsidies available to private sector employers and employees through FareShare, and to County government employees through Get-In. • Provide assistance to businesses to support continuing and formalizing telework programs. 	<ul style="list-style-type: none"> • The MCDOT NextGen TDM regulations were advertised in the County register for public comment. MCDOT is reviewing comments to determine any needed revisions. • Implementation of the White Oak TDM is underway. • MCDOT is promoting the FareShare program to private sector employers and employees; County government employees received information on available Get-In transit/vanpool subsidy programs during recent Open Enrollment efforts. • MCDOT is continuing to provide assistance to County businesses to support telework, including providing free consulting from national experts.
T-9: Traffic Management Systems	<ul style="list-style-type: none"> • Continue installation of pedestrian HAWK signals. • Implement adaptive traffic signal control systems in select corridors 	<ul style="list-style-type: none"> • MCDOT is continuing the installation of pedestrian hybrid beacons (PHB, or HAWK's) to promote pedestrian safety when crossing multilane roadways or crossing point where reduced vehicle gaps and higher levels of pedestrian

Climate Action	FY22 Next Steps	Q1 Updates
		<p>exposure to moving vehicle traffic exists.</p> <ul style="list-style-type: none"> MCDOT is coordinating with the Maryland Department of Transportation State Highway Administration for adaptive signal control implementation on MD 108 in Olney.
<p>T-11: Off-Road Vehicle and Equipment Electrification</p>	<ul style="list-style-type: none"> Research hydrogen fueling options for transit and large vehicles and pursue federal grant opportunities (e.g., USDOT’s RAISE Grants) for hydrogen fuel cell fueling site and vehicle acquisition. Introduce legislation to ban the sale and use of gas-powered leaf blower equipment. M-NCPPC – Department of Parks will continue conducting a pilot on commercial-grade electric (battery-operated) landscape equipment, to include large-scale mowers to smaller blowers, string trimmers, chainsaws, etc. Perform evaluation of MCDOT’s pilot implementation of electric mowing, string trimming, and handheld blower equipment currently underway and scheduled for 	<ul style="list-style-type: none"> MCDOT submitted a USDOT RAISE grant for construction of a hydrogen fueling station at the Equipment Maintenance and Transit Operation Center and to acquire hydrogen fuel cell buses for Ride On service. This fueling station will be able to service both transit buses and other heavy-duty off-road equipment. The pilot electric equipment program for mowing, leaf blowing, and string trimming by MCDOT crews is complete. Electric equipment implementation was deemed a success for leaf blowing and string trimming. Electric mowing is not a viable option for expansion at this time based on current equipment charging limitations (length of time to charge, limited run time once charged), and performance issues on rough terrain. MCDOT will expand electric blowers and trimmers to all mowing crews. DEP drafted legislation to phase-out the sale and use of gas-powered leaf blower equipment; expected to be sent to Council in Fall 2021. M-NCPPC - Montgomery Parks is working to convert 2-cycle and small gas-powered equipment to electric/battery-

Climate Action	FY22 Next Steps	Q1 Updates
	<p>completion in fall of 2022.</p>	<p>powered options. The Department has equipped 2 maintenance crews – one in Northern Parks and one in Southern Parks with all-electric equipment. In addition to these teams, staff have been piloting a variety of equipment including weed eaters, string trimmers, pole saws, hand-held/backpack leaf and debris blowers, a push mower, and electric zero-turn mowers. Additionally, two M-NCPPC-Montgomery Parks management areas have recently implemented the use of electric paint-sprayers for marking athletic field lines. Electric equipment recently purchased for the Agricultural History Farm Park in the M-NCPPC – Montgomery Parks’ Northern Parks Division is not only reducing greenhouse gas emissions, but the reduced noise is appreciated by the farm animals that reside at that park. M-NCPPC – Montgomery Parks’ Southern Parks Division has also recently converted 2 carts from lead-acid to lithium-ion batteries, making them more efficient for use out in Parks.</p>
<p>T-12: Advocate for a Vehicle Carbon Gas Tax or VMT Tax</p>	<ul style="list-style-type: none"> • Explore next steps for state-level advocacy on this issue. 	<ul style="list-style-type: none"> • MCDOT participated in a discussion with County representatives to State Legislature. The delegation is aware of County’s interest to advance this issue.

Climate Action	FY22 Next Steps	Q1 Updates
T-13: Advocate for Rail Alternative Fuels	<ul style="list-style-type: none"> Identify the critical issues related to this action. 	<ul style="list-style-type: none"> This action is not yet started.



Sequestration

Climate Action	FY22 Next Steps	Q1 Updates
S-1: Retain and Increase Forests	<ul style="list-style-type: none"> Continue planting and maintaining reforestation by all departments as required for compliance with laws. Continue Reforest Montgomery and manage all Planning Department tree-related programs under one tree czar. Expand the Reforest the Reserve effort focused on reforesting stream valley buffers and 	<ul style="list-style-type: none"> M-NCPPC – Montgomery Parks staff map all dead and hazardous trees removed on parkland. Removals are converted to stumps in the mapping system and stumps are ground in accessible areas to allow for canopy replacement. Staff visit open planting sites via the mapped locations throughout the year to create tree replacement plans. Balled and bur lapped trees receive 2 years of aftercare (e.g., water, mulch, pruning, integrated pest management services) to ensure long-term survival in the landscape. M-NCPPC – Montgomery Parks continues to require mitigation planting for disturbance of forest on parkland, not less than that required of the Forest Conservation Law and considerate of assessed land impact, incorporating planting as part of

Climate Action	FY22 Next Steps	Q1 Updates
	<p>areas that need planting.</p> <ul style="list-style-type: none"> Evaluate tree spacing requirements for reforestation to improve establishment of newly planted forests. 	<p>park development, renovation, and stormwater management projects. Additionally, the Department works in cooperation with Montgomery Planning to implement Fee-In-Lieu/the Forest Conservation Fund, and other off-site mitigation required plantings on appropriate parklands.</p> <ul style="list-style-type: none"> Montgomery Parks has developed and maintains reforestation planting standards in accordance with best management practice to achieve survivorship and establishment to Piedmont Forest typology. Reforest Montgomery is in its second full year and has increased planting efforts across the county. The program, managed by one Montgomery Planning staffer, now reforests about 10 acres per year and offers 600+ free and discounted trees per year. Re-Leaf the Reserve is now a sub-program of Reforest Montgomery and has expanded reforestation in the Agricultural Reserve from 1 acre per year during the pilot phase to up to 5 acres per year as long as funding and property owner interest allow. An estimated 6 acres of the 11 acres planted to date through Re-Leaf the Reserve have been planted in stream valley buffers. September 2021 Site Plan approvals in the Ten Mile Creek Special Protection Area will result in more forest protected via park dedication and Category I easements: 1. Creekside at Cabin Branch includes 172 acres of forest retention (99% retained) and 82 acres of new forest planted, totaling 255 acres of protected forest (parkland and Cat. I easements). 2. Ashford Woods

Climate Action	FY22 Next Steps	Q1 Updates
		<p>includes 51 acres of forest retention (87% retained) and 15 acres of new forest planted, totaling 66 acres of protected forest.</p> <ul style="list-style-type: none"> • DEP is working on tree spacing, densities, and new contract mechanisms for aftercare on stream restoration plantings. • OAG is working with the Soil Conservation District to locate sites for riparian forest buffer plantings to be installed with state and federal cost share funding.
<p>S-2: Retain and Increase Tree Canopy</p>	<ul style="list-style-type: none"> • Evaluate tree spacing requirements for street trees to enhance opportunities to shade impervious surfaces. • Plant more shade trees by increasing staffing in the Tree Montgomery Program to target neighborhoods where tree canopy is lacking in underserved areas. • Administer grant from Casey Trees for tree planting in the public right-of-way. • Administer grant to Conservation Montgomery to continue the Home Tree Care 101 classes and resources in multiple languages (already offered in 	<ul style="list-style-type: none"> • Discussions have started with MCDOT, DPS and M-NCPPC about re-evaluating the spacing requirements for street trees. The grant that was received through the Chesapeake Bay Trust has been planned and will be executed in spring 2022. • The DEP Tree Montgomery Program is currently in the process of interviewing a Program Manager 1 position that was approved in the FY22 budget. • DEP contract with Casey Trees is fully executed. • DEP contract with Conservation Montgomery is fully executed to continue the Home Tree Care 101 classes and resources. • Conducted research on the viability of developing micro-forests; research suggests that while viable, particularly on HOA properties, there are some economic and legal hurdles to be addressed (e.g., maintenance responsibilities, incentives for planting, legal agreements). • Montgomery Parks is increasing focus and prioritization on parks located in Equity Focus Areas to

Climate Action	FY22 Next Steps	Q1 Updates
	<p>English and Spanish).</p> <ul style="list-style-type: none"> Conduct research on micro-forests, edible forests, and asses the flow of waste and wood in the County. 	<p>ensure that they are being/have been visited on a regular basis for assessment of tree planting/canopy coverage needs.</p> <ul style="list-style-type: none"> In September 2021, Montgomery Parks hosted an Urban Tree Summit Field Day that was open to the public with a focus on urban wood waste and utilization through partnership with Baltimore and DC’s Wood waste facilities called Urban Wood Utilization: Let’s talk shop!
S-4: Regenerative Agriculture	<ul style="list-style-type: none"> Continue working with farmers to encourage regenerative farming practices. Host educational events about the benefits of regenerative agriculture. 	<ul style="list-style-type: none"> M-NCPPC maintains agricultural leases on parkland for farming. These agricultural leases include requirements for nutrient management, soil conservation, and use of cover crops. OAG spoke with farmers about practices that will reduce GHG emissions and spoke with agricultural marketing professionals from MD and VA about what Montgomery County farmers are doing.
S-5: Restore Soil Fertility, Microbial Activity, and Moisture-Holding Capacity	<ul style="list-style-type: none"> Expand commercial food composting pilot and launch residential food composting pilot. Host educational workshops and outreach emphasizing soil health. Continue the healthy lawns program. 	<ul style="list-style-type: none"> DEP continued the commercial food scraps recycling partnership program, including soliciting partners that generate food scraps; providing technical assistance and best practice recommendations; helping to set up on-site food scraps separation and storage/recycling containers; and providing collection/transportation to a compost facility. DEP worked to launch curbside pilot to collect single-family residential food scraps. Work has included selecting a contractor to collect food scraps from participating households; determining areas of eligible households; soliciting

Climate Action	FY22 Next Steps	Q1 Updates
		<p>participation of eligible households; developing and producing educational materials; securing recycling carts, kitchen counter caddies, and compostable liners for 1,700 participating households.</p> <ul style="list-style-type: none"> • DEP continued outreach and education on the benefits of grasscycling and composting. • DEP developed educational materials and training sessions on using rodent-proof compost bins to include food scraps in backyard composting efforts. <p>DEP procured quantities of two types of rodent-proof compost bins for testing and evaluation by volunteer residents: one static compost bin model and one dual-chamber tumbler compost bin model. DEP secured almost 500 volunteer residents to participate in this study.</p> <ul style="list-style-type: none"> • DEP continued to conduct educational workshops and training for backyard composting of yard trim and trainings on backyard composting of food scraps using rodent-proof compost bins. • DEP continued to provide compost bins to residents either directly or via 22 partner distribution locations, to encourage managing of yard trim and food scraps at the source and create compost for use to improve soil health. • The DEP Healthy Lawns Program continued outreach to property owners and retail businesses. • OAG worked with the Compost Crew on Compost Outposts to increase the amount of food scrap composting taking place in the

Climate Action	FY22 Next Steps	Q1 Updates
		County taking advantage of ZTA 20-04.
S-6: Whole-System Carbon Management and Planning	<ul style="list-style-type: none"> Conduct research on available tools. 	<ul style="list-style-type: none"> DEP held discussions with the Trust for Public Land and Urban Drawdown Initiative to determine the cost of licensing the Decision Support Tool which would have particular applicability to the master planning process.



Adaptation

Climate Action	FY22 Next Steps	Q1 Updates
A-1: Water Infrastructure Resilience	<ul style="list-style-type: none"> Develop WSSC service-area-wide future conditions flood zone and use this to screen all WSSC horizontal assets, for the 100-year storm event projected for 2065. Finalize WSSC Climate Change design guidelines by citing Design Flood Elevations for critical sites. 	<ul style="list-style-type: none"> WSSC completed these efforts in June 2021. The WSSC climate change design guidelines are being incorporated into Engineering & Construction design guidelines.

Climate Action	FY22 Next Steps	Q1 Updates
	<ul style="list-style-type: none"> Complete WSSC Calendar Year 2021 GHG inventory and update the WSSC GHG Action Plan. 	
<p>A-2: Repair and Enhancement of Stormwater Conveyance Systems</p>	<ul style="list-style-type: none"> Implement CIP work program for repairs. Conduct flood plain study before resizing culverts. 	<ul style="list-style-type: none"> MCDOT completed Design, Permitting and Property Acquisition for the Hidden Valley Culvert. MCDOT started construction of the Clarksburg Road Culvert. MCDOT started design of Crabbs Branch Culvert, Peach Leaf Court Culvert, and Crystal Rock Drive Culvert, and completed design of the Pooks Hill Road Culvert Rehabilitation. MCDOT completed construction of Blunt Road South Culvert and the Turkey Branch Parkway Culvert Replacement. MCDOT conducted maintenance of storm and ditches countywide. Completed a Flood Plain Study for the Clarksburg Road Culvert and initiated Flood Plain Studies for the Wightman Road Culvert and for the Tucker Lane Culvert.
<p>A-3: Temperature Monitoring and Alerts</p>	<ul style="list-style-type: none"> Apply for NOAA urban heat mapping grant. Conduct a campaign to spread the word about Alert Montgomery and how to sign up. Explore options to expand Alert Montgomery messaging, focusing on underserved communities. Update the County's extreme temperature 	<ul style="list-style-type: none"> OEMHS paired with other County departments to provide Alert Montgomery information at their outreach and tabling events. OEMHS is working to identify target areas for Alert Montgomery focused outreach. The Fall 2021 update of the OEMHS Extreme Temperature Plan is underway. Update will be completed in October.

Climate Action	FY22 Next Steps	Q1 Updates
	<p>plan to include a climate change lens; determine ways to send messages to broader sectors of the County.</p>	
<p>A-4: Extreme Weather Energy Efficiency Building Code</p>	<ul style="list-style-type: none"> • Explore options for adopting resiliency ready language into the building codes. 	<ul style="list-style-type: none"> • Currently no codes directly correlate to resiliency but the increased efficiency in the 2021 IECC puts Montgomery County on a path to better extreme weather resiliency through envelope, onsite solar, and potential onsite storage. The 2018 International Green Construction Code, adopted in September 2021, also enforces increased efficiencies and onsite generation.
<p>A-6: Green/Cool/PV Roof and Pavement Code</p>	<ul style="list-style-type: none"> • Continue to improve the energy and green building codes through adoption and amendments. The International Green Construction Code would cover commercial buildings; there is already a requirement for certain aspects of green roofs for commercial projects, and both the energy code and green code have elements for reflectivity/cool roofs (white roof or concrete in place of blacktop). 	<ul style="list-style-type: none"> • The 2018 International Green Construction Code was adopted in September 2021. • DPS is exploring specific amendments to the 2021 codes to require solar reflective index (SRI) requirements for roofing materials.
<p>A-7: Green Public Spaces</p>	<ul style="list-style-type: none"> • Implement Green Streets projects. 	<ul style="list-style-type: none"> • DEP is in the process of identifying projects to fulfill future Municipal Separate Storm Sewer System (MS4) permit requirements and it anticipates

Climate Action	FY22 Next Steps	Q1 Updates
		that Green Streets projects will be part of that portfolio.
A-8: Harden Emergency Shelters and Install Resilience Hubs	<ul style="list-style-type: none"> • Complete the Scotland Community Center resilience hub and solar installation. 	<ul style="list-style-type: none"> • The Scotland Recreation Center resilience hub has completed Design Phase; Construction Phase is expected to be completed Fall 2021. See also E-4 above.
A-10: Green Infrastructure	<ul style="list-style-type: none"> • Expand the funding and staffing for RainScapes program, Tree Montgomery, and Watershed Restoration and Grant programs. • Explore options for incorporating green infrastructure into building codes. • Implement CIP work program for planning and implementation of water quality best management and stormwater management projects. • Pursue Congressional earmarks to support additional work in this area. 	<ul style="list-style-type: none"> • DEP is currently in the process of interviewing candidates for a new position for Tree Montgomery approved in the FY22 budget. • In the last year, DEP completed restorative work on four stormwater management ponds (Briar Acres, Persimmon Tree, Peachwood and Quail Valley). • DEP presently has Glenmont Forest Green Streets in construction. • DEP currently has nine stormwater management Pond Retrofit projects (Airpark, Watkins Mill, Germantown Park, Clearspring Manor, Plum Gar, Longmead Crossing, Williamsburg Village, Norbeck Manor and Leisure World) and three Stream Restoration projects (Grosvenor Stream, Old Farm Creek and Germantown Park Stream). • Montgomery Parks is well-poised to meet its 20% untreated impervious restoration requirement for its Phase II MS4 permit and continues to advance meaningful stormwater best management practice (BMP) retrofit projects and alternative BMP projects (prioritizing stream restoration, outfall stabilization,

Climate Action	FY22 Next Steps	Q1 Updates
		<p>reforestation, and impervious removal) 3 years into a 5-year permit cycle.</p>
<p>A-11: Climate Adapted Development Standards</p>	<ul style="list-style-type: none"> • Explore options through the buildings codes and investigate examples being implemented by other municipalities. 	<ul style="list-style-type: none"> • DPS is in communications with neighboring jurisdictions, the state energy administration, and multiple national organizations to better align with holistic goals and utilize national expertise.
<p>A-13: Ban Stormwater Management Requirement Waivers</p>	<ul style="list-style-type: none"> • Continue to push for full compliance with requirements. • Examine what other jurisdictions in the region are doing on this issue. 	<ul style="list-style-type: none"> • DPS requires stormwater management (SWM) compliance to the maximum extent practicable and only grants waivers when 100% compliance cannot be achieved. Many projects meet a large percentage of SWM compliance, but if even 1% is not achievable and a waiver is granted, the full fee-in-lieu (not a portion thereof) is required. • DPS is in the process of contacting several Maryland jurisdictions and the District of Columbia.
<p>A-14: Update Floodplain Maps</p>	<ul style="list-style-type: none"> • Complete update of FEMA floodplain maps by summer of 2023. • Conduct outreach during flood awareness month (April). 	<ul style="list-style-type: none"> • DPS is cooperating with FEMA who is the lead agency in updating the Flood Insurance Rate Maps. DPS routinely updates GIS layers as new floodplains at the local level are mapped as part of its floodplain study reviews.
<p>A-15: Water Supply Protection</p>	<ul style="list-style-type: none"> • Continue to work on special protection areas requirements that protect the aquifer in the Clarksburg area. • Work on ensuring adequate 	<ul style="list-style-type: none"> • M-NCPPC - Montgomery Parks has acquired over 18 acres of designated property through the Legacy Open Space program, with an additional 362 acres of conveyance pending approval of the Creekside at Cabin Branch and Ashford Woods

Climate Action	FY22 Next Steps	Q1 Updates
	<p>implementation of the Ten Mile Creek Special Protection Area Master plan.</p> <ul style="list-style-type: none"> • Implement water quality best management practices and stormwater management facilities in areas where there is no stormwater controls or inadequate stormwater controls. Identify sites for needed water quality treatment and stormwater management facilities for water supply protection. • Implement stormwater management inspection and maintenance program. • Conduct water quality improvement activities and projects, and stream restoration and protection activities to incrementally improve water quality in streams that are located in urban areas of the County. • Conduct winter salt management activities and expand pet waste campaigns. • See related actions in S-1 and S-5. 	<p>development plans. The Department has provided guidance and approval of a required Conservation Management Plan, for long-term preservation and care of natural landscape remaining within the Creekside at Cabin Branch development. This also included review and approval of a Stream and Wetland Restoration Plan to remediate for past land use that has degraded these resources and the stormwater management plan to ensure regenerative groundwater techniques are being applied.</p> <ul style="list-style-type: none"> • Use of a foam stream machine is a new practice being utilized to maintain Montgomery Parks’ sand/gravel filters stormwater BMPs. This machine will help with routine maintenance by keeping weeds out of sand/gravel filters without the use of pesticides. The intention is to expand this practice to other facility types in the future. • The Grosvenor Tributary to Rock Creek stream restoration is now complete and the Stoneybrook Tributary to Rock Creek stream restoration construction is underway by Montgomery Parks. • Montgomery Parks’ outfall restoration plans have progressed at Wildwood Road and Byeforde Road, both along Beach Drive, and are nearing the construction phase (expected fall 2021). • Montgomery Parks’ stormwater retrofits of untreated impervious areas are planned at

Climate Action	FY22 Next Steps	Q1 Updates
		<p>Maplewood-Alta Vista Local Park, Nolte Local Park, Longwood Local Park, and Colesville Local Park.</p> <ul style="list-style-type: none"> • Montgomery Planning is working on ensuring adequate implementation of the 10 Mile Creek Special Protection Area. The Montgomery County Planning Board approved an update of the Environmental Guidelines for Environmental Management of Development in Montgomery County to include a new chapter that covers environmental requirements for development in the Ten Mile Creek watershed, including requirements specific to implementing the 10 Mile Creek Special Protection Area. Montgomery Planning is continuing to apply these Guidelines and requirements to all development review in the Ten Mile Creek watershed. • The Planning Board approved the Creekside at Cabin Branch and Ashford Woods Preliminary and Site Plan applications. Planning staff coordinated with WSSC staff that monitor the Little Seneca Lake as part of their reviews. These applications required a Stream and Wetland Restoration Plan as recommended by the Master Plan. Portions of the streams on these sites that were adversely affected by previous land uses will be restored. • DEP is targeting future stormwater management pond retrofit and environmental site design (ESD) projects in areas

Climate Action	FY22 Next Steps	Q1 Updates
		<p>with no current or inadequate stormwater management. A site suitability model and maps have been developed to identify these areas for future investment.</p> <ul style="list-style-type: none"> • DEP is continuing to successfully inspect and maintain over 18,000 stormwater management facilities in the County. • DEP is working with DOT to incorporate salt wise campaign into a November Salt press event. DEP is also working with a state delegate and OIR on state legislation that would provide voluntary certified applicator training for salt applicators and limited liability legislation. • Please also see A-10.
A-16 Flood Rescue Resources	<ul style="list-style-type: none"> • Implement grant project for piloting roadway water sensors. 	<ul style="list-style-type: none"> • No update.
A-17: On-Site Water Reuse	<ul style="list-style-type: none"> • Work with WSSC to establish jurisdictional overlap to enforce water efficiency and auxiliary water measures in the 2021 International Green Construction Code. 	<ul style="list-style-type: none"> • DPS plans to explore county legislation to enforce water conservation as a method of energy conservation.
A-18: Expanded Community Gardens	<ul style="list-style-type: none"> • M-NCPPC – Department of Parks is examining different typologies and models to suit different communities and increase the amount of gardens in parkland. 	<ul style="list-style-type: none"> • MNCPPC – Montgomery Parks opened Nolte Community Garden, the first garden of this typology in the County. The garden provides 19 accessible gardening beds sitting atop of the foundation of a demolished Park Activity Building. This garden addresses equity goals by engaging seniors and food insecure families in this part of Silver Spring. In addition, this

Climate Action	FY22 Next Steps	Q1 Updates
		<p>garden has increased biological diversity with the installation of fruit and vegetable plants, annuals, native plants, wildflowers, etc. This brings the program to 12 community gardens across the county.</p> <ul style="list-style-type: none"> • M-NCPPC – Montgomery Parks has a 10-year plan in development to examine prioritization and timetables for community garden projects based on the most suitable parkland sites. This study would potentially add 8 new sites - mixed typology gardens that would add up to 250 community garden plots to the program over a 10-year period. M-NCPPC – Montgomery Parks will need to explore partnerships to continue to grow and serve the residents of the county with this program.
<p>A-20: Study Potential for Buildings in the County to Flood and Possible Remedies</p>	<ul style="list-style-type: none"> • Enhance the County's hazard mitigation plan to include climate change. 	<ul style="list-style-type: none"> • OEMHS will integrate climate change during the next update to the Hazard Mitigation Plan in 2023.



Governance

Climate Action	FY22 Next Steps	Q1 Updates
<p>G-1: Build awareness among all Montgomery County Government staff about climate change</p>	<ul style="list-style-type: none"> • Leverage departments' Climate Ambassadors to build awareness. • Conduct staff educational sessions about climate change. • Develop and define a comprehensive communication and education strategy. • Develop and launch a few simple short educational videos/ messages. • Incorporate a training/workshop within one of the quarterly Aspiring Leader sessions. • Inform new MCG employees of the County's climate initiatives at new employee orientation sessions. 	<ul style="list-style-type: none"> • Secured support from the Association of Climate Change Officers (through a carve out in a State contract) for two workshops focusing on risk assessment for Budget Analysts and Administrators and working collaboratively across organizational lines for departmental Climate Ambassadors. • DEP deepened awareness among County staff about access to the Urban Sustainability Directors Network membership benefits (the County has more members than any other jurisdiction in the country). • OHR and CEX drafted information about the County's climate initiatives for inclusion at new employee orientation sessions.
<p>G-2: Establish a Climate Change Academy to integrate Climate Change Training into the Professional</p>	<ul style="list-style-type: none"> • Brainstorm and survey departments to define and shape professional development needs. 	<ul style="list-style-type: none"> • DEP and OHR began developing the components of a Climate Change Academy, including drafting a brief strategy document to identify priority training groups (e.g., OMB Budget

Climate Action	FY22 Next Steps	Q1 Updates
Development of MCG staff	<ul style="list-style-type: none"> Determine mandatory components of education and training. 	Analysts/Budget Administrators, Climate Ambassadors and Communication/Engagement staff).
G-3: Incorporate climate competencies into Montgomery County Government job descriptions and Performance Plans	<ul style="list-style-type: none"> Begin review of job descriptions to incorporate climate competencies in positions that are climate-relevant. Create climate change competency language. Identify and prioritize with departments the key climate change related job classifications. 	<ul style="list-style-type: none"> OHR researched best practices from other jurisdictions for incorporating climate competencies into job classifications.
G-4: Identify and create new positions that are needed for the County government to prepare for and respond to climate hazards, implement climate adaptation measures, and reduce greenhouse gas emissions	<ul style="list-style-type: none"> Through the FY23 budget process, include proposals for new climate positions as needed. 	<ul style="list-style-type: none"> Climate-related budget proposals are under development for the FY23 capital and operating budget processes.
G-5: Establish a cross-departmental Climate Innovation Lab to develop, fund and implement climate and resiliency initiatives	<ul style="list-style-type: none"> Launch climate innovation accelerator cohort to support the implementation of FY22 CAP projects. 	<ul style="list-style-type: none"> The Innovation Office identified and prototyped the climate storytelling connection to the Accelerator. The third round of testing to be complete in October 2021.
G-6: Designate Climate Ambassadors within each County department	<ul style="list-style-type: none"> Convene meetings/trainings with departments' Climate Ambassadors and continue the process of designating ambassadors. 	<ul style="list-style-type: none"> The OMB operating budget submission form includes a question for departments to identify at least one Climate Ambassador. As part of the development of the Climate Change

Climate Action	FY22 Next Steps	Q1 Updates
	<ul style="list-style-type: none"> Share information about departments' energy usage with ambassadors. 	<p>Academy, training modules tailored to department Climate Ambassadors will be developed. See G-2 for more information.</p>
<p>G-7: Evaluate and update county planning, policy, and operations activities to account for the risks of climate change impacts and prioritize the needs of vulnerable residents</p>	<ul style="list-style-type: none"> Update the County's hazard mitigation plan and potentially the critical infrastructure plan to account for climate change. Conduct extreme weather-based planning exercises and trainings. Coordinate Thrive-CAP implementation through recurring check-in meetings. 	<ul style="list-style-type: none"> OEMHS will integrate climate change during the next update to the Hazard Mitigation Plan in 2023. OEMHS is planning a Functional Exercise with all County emergency response agencies and community partners for April 2022. Planning is underway. Thrive Montgomery 2050 is currently undergoing County Council review. Final approval is anticipated in late 2021. Meetings to coordinate Thrive Montgomery 2050 and CAP implementation will begin after the final plan is approved.
<p>G-8: Evaluate and update county planning, policy, and operations activities to reduce greenhouse gases</p>	<ul style="list-style-type: none"> See related activities in B-7, T-5, T-6. 	<ul style="list-style-type: none">
<p>G-9: Incorporate climate considerations into the County's budgeting processes</p>	<ul style="list-style-type: none"> Participate in Cost of Carbon study with the University of Virginia, Environmental Finance Center, and Rotunda Solutions, and incorporate findings into the FY23 budget development process. 	<ul style="list-style-type: none"> The Cost of Carbon study is on-going; it will provide recommendations to the County on methodologies and metrics to assess the GHG reduction impacts of capital projects. OMB, DEP, and CEX worked to include a set of climate

Climate Action	FY22 Next Steps	Q1 Updates
		<p>change questions to be addressed by departments during operating budget submissions and is developing similar questions and an evaluative framework for CIP budget submissions.</p>
<p>G-10: Develop financing strategies for implementing climate actions and incorporate climate considerations into County finance practices</p>	<ul style="list-style-type: none"> • Introduce legislation to expand the role of the Green Bank to also serve as the County’s Resilience Authority in order to help finance projects focused on addressing the impacts of climate change, including flooding and other resilience activities. • Introduce legislation to expand the scope of the Commercial Property Assessed Clean Energy program. • Coordinate with the Montgomery County Green Bank Board of Directors and staff on development of financing strategies ideas. 	<ul style="list-style-type: none"> • DEP and Finance developed amendments to expand the scope of the C-PACE program, which was transmitted to the County Council for review and adoption in late October 2021. • Amendments to the Montgomery County Green Bank’s enabling legislation to allow the Bank to engage in climate resilience activities have been drafted and will be sent to the County Council in Fall 2021. • The Green Bank launched the FY23-26 strategic planning process to build on concepts and programs in alignment with the Climate Action Plan.
<p>G-11: Develop climate, energy, health and racial equity metrics and a data-driven assessment and reporting process</p>	<ul style="list-style-type: none"> • Develop climate metrics with an emphasis on climate equity metrics. • Update the climate webpage to display a dashboard of action status updates. • Engage community advisory groups in the development of metrics. 	<ul style="list-style-type: none"> • The Climate Team developed a climate equity metrics reference guide for County departments to use during the development and implementation of climate policies and programs; convened a meeting with community members to gather feedback on the general approach. • The Climate, Energy, and Air Quality Advisory Committee

Climate Action	FY22 Next Steps	Q1 Updates
		(CEAQAC) developed a comprehensive first draft of climate metrics for the Climate Team’s review.
G-12: Formalize the Climate Leadership Team to guide the implementation of climate plan actions	<ul style="list-style-type: none"> • Expand the membership of the Climate Leadership Team and include communications/engagement staff. • Draft an Executive Order to formalize its role. 	<ul style="list-style-type: none"> • Membership of the Climate Leadership Team was expanded to also include representatives from the Housing Opportunities Commission, Office of Innovation, Department of Health and Human Services, and Office of Human Resources. • Drafting of the Executive Order to establish the Climate Leadership Team is underway.
G-13: Update the County’s teleworking and transit benefit policies to encourage MCG staff to reduce vehicle miles traveled	<ul style="list-style-type: none"> • Finalize the County's new teleworking policy and develop procedures as required. • Eliminate inefficiencies generated by the County's vehicle use policies, through the Zero Emissions fleet transition plan. 	<ul style="list-style-type: none"> • The County’s new teleworking policy was finalized and rolled out in October 2021. • See T-6 for information on the Zero Emissions fleet transition plan.
G-15: Consolidate County climate data	<ul style="list-style-type: none"> • Host a "data retreat" with County departments to develop a comprehensive list of climate data for publicly displaying. 	<ul style="list-style-type: none"> • CountyStat and the Climate Change Officer are conducting preliminary planning for the “data retreat.” A climate data survey will go out to departments in Q2, and the climate data retreat is anticipated to take place in Q3.

Climate Action	FY22 Next Steps	Q1 Updates
<p>G-16: Conduct climate vulnerability detailed assessments</p>	<ul style="list-style-type: none"> • Implement US Department of Defense resilience grant of NSA Bethesda facility (Walter Reed). • See G-7 for related activities. 	<ul style="list-style-type: none"> • A contractor has been selected and work is underway to support the County in implementing the US Department of Defense resilience grant. •



Public Engagement, Partnerships, and Education

Climate Action	FY22 Next Steps	Q1 Updates
<p>P-1: Undertake vigorous public outreach campaign aimed at empowering the public with information on how to reduce emissions and adapt to the impacts from climate change</p>	<ul style="list-style-type: none"> • Conduct expanded public outreach activities on climate change. • Launch the Climate Stories Ambassadors program with a focus on amplifying the voices and perspectives of underserved communities. 	<ul style="list-style-type: none"> • DEP is working with One Montgomery Green to disseminate invite for meeting with founder of the Empowerment Institute to learn more about the Cool Block program. • The DEP Climate Engagement position approved in the FY22 budget is currently advertised. • DEP is organizing climate storytelling workshops, facilitated by Climate Stories Project, in which community members develop, articulate, record, and share their own climate story—their personal

Climate Action	FY22 Next Steps	Q1 Updates
		<p>and community relationship with climate change. This project is related to the Community Justice Academy as its focus is on amplifying the voices of under-represented and frontline community members. Community based partners include the African American Health Program, Latino Health Initiative, Community Advocacy Institute, African Affairs Advisory Group, Caribbean American Advisory Group and others.</p>
<p>P-2: Conduct an outreach campaign that uses evidence-based communications strategies</p>	<ul style="list-style-type: none"> • Use evidence-based communications strategies in tandem with P-1 and P-3. 	<ul style="list-style-type: none"> • DEP is exploring training opportunities for County communications and engagement staff.
<p>P-3: Form a Climate Change Communication Coalition</p>	<ul style="list-style-type: none"> • Launch the climate change communications coalition. • Coordinate department-level climate communications. 	<ul style="list-style-type: none"> • The kick-off meeting of the climate change communications coalition is scheduled in November with 13 staff members from seven departments/agencies.
<p>P-4: Enhance County websites to focus more sharply on climate change</p>	<ul style="list-style-type: none"> • Add links to County climate initiatives to the County homepage, related department homepages, and other high traffic County webpages. 	<ul style="list-style-type: none"> • A refresh of the County’s climate webpage is currently under development.
<p>P-5: Establish a Community Justice Academy in which Graduating Community</p>	<ul style="list-style-type: none"> • Hire consultant to assist with designing the academy. 	<ul style="list-style-type: none"> • DEP is working with various County staff and the MORE Network on implementation; contracted with Justice Alchemy to

Climate Action	FY22 Next Steps	Q1 Updates
Ambassadors Representing their Neighbors Conceive and Co-create Integrated Health, Equity and Quality-of-Life Solutions Directly Applicable to their Communities	<ul style="list-style-type: none"> Identify grant funding to support academy start-up in late FY22. Collaborate with community-based organizations on program design and delivery. 	<p>guide efforts; developed draft purpose statement and refining criteria for steering group members; invited prospective funder into discussions; Climate Engagement position currently being advertised will help lead this effort.</p>
P-6: Use the Climate Energy and Air Quality Advisory Committee as a resource to advise the County on performance metrics and plan implementation	<ul style="list-style-type: none"> Support the development of metrics. See related activities in G-11. 	<ul style="list-style-type: none"> The Climate, Energy, and Air Quality Advisory Committee (CEAQAC) developed a comprehensive first draft of climate metrics for the Climate Team’s review.
P-7: Facilitate ongoing input from community members on the CAP’s implementation	<ul style="list-style-type: none"> Participate in community meetings about the Climate Action Plan. Conduct CAP roadshows in community locations to meet people where they are. See related activities in P-5. 	<ul style="list-style-type: none"> The Climate Team discussed the Climate Action Plan and plan implementation at a variety of community events and venues and met with interested community members to identify partnership opportunities.
P-8: Support the efforts of community organizations, businesses, and associations that promote and operationalize equitable climate action	<ul style="list-style-type: none"> Provide this support through two new outreach and partnerships positions at DEP and leveraging staff capacity in other departments. 	<ul style="list-style-type: none"> The Climate Team discussed the Climate Action Plan and plan implementation at a variety of community events and venues and met with interested community members to identify partnership opportunities. DEP will begin interviewing candidates in Q2 for a new position to support climate communications approved in the FY22 budget.
P-9: Engage County artists through public art installations to raise	<ul style="list-style-type: none"> Publicly display the climate change art contest winning 	<ul style="list-style-type: none"> The climate change art contest winning entries are now on display

Climate Action	FY22 Next Steps	Q1 Updates
awareness, discussion and action on climate change	entries in the virtual information room and other venues.	in the Climate Action Plan virtual information room .
P-10: Establish a statewide coalition of local governments and youth groups focused on advancing ambitious state climate policy by collectively advocating their positions before the state legislature, Public Services Commission, and the utility companies	<ul style="list-style-type: none"> • Host strategic planning sessions with other local MD jurisdictions to plan advocacy actions for the upcoming General Assembly session. 	<ul style="list-style-type: none"> • The Climate Change Officer established a Steering Committee comprised of nine MD jurisdictions; participants created a draft peer learning approach to building the Coalition.
P-11: Establish partnerships with federal agencies located within the County’s boundaries on GHG mitigation and climate resiliency efforts	<ul style="list-style-type: none"> • Implement Department of Defense resilience grant for NSA Bethesda facility (Walter Reed). • Collaborate with the National Institute of Standards and Technology to install a GHG monitoring station at a County-owned site. 	<ul style="list-style-type: none"> • See update on the US Department of Defense grant in G-16.
P-12: Advocate for the continued integration of climate change education into the existing school curriculum	<ul style="list-style-type: none"> • Elevate climate change content where it already exists in the K-12 MCPS curriculum. • Create formal MOU to establish County/MCPS relationship for climate change education and training. Identify County and MCPS lead teams to ensure 	<ul style="list-style-type: none"> • MCPS reports that work is well underway in science to identify the myriad climate connections in the current curriculum and highlight that content. A draft of climate connections will be ready to share with related MCPS departments in November.

Climate Action	FY22 Next Steps	Q1 Updates
	<p>flow of support and collaboration.</p>	
<p>P-13: Develop a standardized climate change curriculum across public schools and recommend the same for private schools and home schools</p>	<ul style="list-style-type: none"> • Continue implementation of the environmental literacy curriculum which embeds climate change. • Identify curriculum areas where additional climate change content could be created and integrated, including environmental justice. • Promote climate change resources developed by students, such as https://climatedu.org 	<ul style="list-style-type: none"> • As part of the review of the current MCPS science curriculum, areas are being identified to embed additional climate change content. The social studies office is focusing on a new elementary curriculum and embedding instruction that addresses the MSDE environmental literacy standards including climate change education. Also see P-12. • The MCPS Division of Sustainability and Compliance website is under review to add section that includes Resources for Students.
<p>P-14: Provide professional development for educators on climate change topics</p>	<ul style="list-style-type: none"> • Continue providing and expand on professional training for MCPS staff on sustainability and on climate change curriculum lessons. • Conduct climate change symposiums for MCPS students and staff. • Increase the comfort level of educators to answer questions about climate change. 	<ul style="list-style-type: none"> • The combined MCPS offices of Sustainability and Compliance, Outdoor Environmental Education Programs, and Science provided in-depth professional learning to introduce the Montgomery County Climate Action Plan including the work of MCPS to address climate change adaptations, technology, and curriculum. Over 100 teachers and staff participated. • The first MCPS climate change symposium occurred in May 2021 with 140 participants of which 60% were students. Another climate change symposium is planned for later this fall, and a student created summit will be held in February 2022. • An MCPS Fall Symposium on “Reduce-Reuse Recycle” is being

Climate Action	FY22 Next Steps	Q1 Updates
		<p>planned for week of November 15 (America Recycles Day).</p> <ul style="list-style-type: none"> Virtual MD Green School support sessions to be held Fall 2021 to assist Green Team Leaders in certifying/recertifying as Green Schools.
<p>P-15: Use school gardens or other outdoor learning facilities as a jumping off point to address a multitude of climate related topics</p>	<ul style="list-style-type: none"> Continue to encourage MCPS schools to build and use school gardens for instruction. Continue to advocate for garden coordinators (both volunteers and paid positions) at MCPS schools to assist with garden building and maintenance. Support MCPS schools with creating and using outdoor learning spaces while integrating the use of outdoor spaces into the curriculum. 	<ul style="list-style-type: none"> MCPS collaborated with the Montgomery County Council of PTAs to develop a Voluntary Guidance Document on Increasing the Use of Outdoor Spaces.
<p>P-16: Develop increased opportunities for students to participate in climate change learning experiences outside of the classroom</p>	<ul style="list-style-type: none"> Host a Youth Climate Summit in Winter/Spring 2022 for MCPS students. Identify opportunities for extracurricular activities and Student Service Learning (SSL), including local projects at students' schools. Increase student opportunities for exposure to careers in the green industry 	<ul style="list-style-type: none"> The MCPS Youth Climate Summit is being planned by students through the science office in order to create an avenue for students to join the climate movement through education and action in our local community. All MCPS Grade 6 students are learning about Green Careers in a 60-minute lesson (developed by Audubon Naturalist Society) as part of the "Outdoor Ed" program. In addition, all Grade 6 students participate in an environmental SSL which can be done at school or

Climate Action	FY22 Next Steps	Q1 Updates
	<p>and knowledge of the pathways to get there, including internship opportunities and hands-on experiences with organizations working on climate change.</p> <ul style="list-style-type: none"> Partner with M-NCPPC – Department of Parks nature centers as important venues for providing climate change learning experiences for students. 	<p>at home with links to other opportunities.</p> <ul style="list-style-type: none"> MCPS is developing guidance to help students find SSL projects to be posted to the MCPS Division of Sustainability and Compliance web page. MCPS is publicizing sustainability and climate opportunities for secondary students via a monthly email newsletter. High school interns are working all year with the MCPS Outdoor Environmental Education Program. The MCPS Division of Sustainability and Compliance plans to host 1-2 student HS interns. Other organizations desiring to host high school internships should contact Shawn Krasa, Supervisor, Work Based Learning.
<p>P-17: Develop sustainability goals for schools to reach and provide incentives to do so</p>	<ul style="list-style-type: none"> Increase the number of MCPS schools certified as Maryland Green Schools, with a focus on middle schools. Identify ways to provide stipends for leaders of Green Schools programs. 	<ul style="list-style-type: none"> Standardized MCPS primary and secondary school templates have been developed to simplify the Green School application process. Professional development is planned to support Green School Team leaders with the task. MCPS is identifying barriers to participation and ways they can be resolved. MCPS is taking steps to procure stipends for Green School Team Leaders and is partnering with MCCPTA and DEP on expanding resources and facilitators. MCPS has initiated an effort to transform the existing MCPS Energy Conservation Policy into a new Sustainability Policy, utilizing a Sustainability Stakeholder Engagement Group, and various

Climate Action	FY22 Next Steps	Q1 Updates
		Board subcommittees. Final action is expected by the Board of Education in May 2022.
<p>P-18: Encourage climate change action at home</p>	<ul style="list-style-type: none"> Expand the MCPS Community Resources webpage with information on what students and families can do at home to tackle climate change. Promote energy awareness during Energy Action Month in October. Partner with Parent Teacher Associations (PTA) to use School STEM nights as opportunities to talk to parents about climate change action at home. 	<ul style="list-style-type: none"> The MCPS Division of Sustainability and Compliance website site now hosts a Community Resources page, and staff are working on expanding partnerships. The Montgomery County Council of PTAs hosted a Zoom meeting featuring Montgomery Energy Connection during Energy Action Month, attended by representatives from PTA school-based leadership to share actions households can take to reduce energy use and costs.
<p>P-19: Establish cross-departmental partnership to facilitate implementation of climate goals at County schools</p>	<ul style="list-style-type: none"> Establish a mission statement for this group. Determine department/agency participant list and begin convening meetings. 	<ul style="list-style-type: none"> The Co-location Directors' Oversight Committee that focuses on facilities co-location was proposed as a potential host for this concept; to be explored further in December meeting.



Economic Development

Climate Action	FY22 Next Steps	Q1 Updates
Sustainable Economic Development	<ul style="list-style-type: none">• Complete the Sustainable Economic Development Plan, an economic inclusion strategy based on the CAP, including the identification of actions with high-job creation potential and career pathways for underrepresented and historically marginalized people.• Complete analysis of opportunities to transition “legacy businesses” (those that contribute to community stability and identity) into worker-owned coops, particularly those with the greatest potential to advance racial equity and contribute to the County’s resiliency and climate change goals.	<ul style="list-style-type: none">• DEP contracted with three consultants: Emerald Cities Collaborative, Inclusive Economics, and Health Care Without Harm to undertake the sustainable economic development study, which is currently underway. DEP convened a stakeholder group to provide relevant analyses and be interviewed by the contractors. Final analysis will be presented in December 2021 Preliminary.• analysis of opportunities to transition “legacy businesses” has been completed by Project Equity; consultant will present final analysis in December 2021.

Acronyms

- CAP: Climate Action Plan
- CEAQAC: Climate, Energy, and Air Quality Advisory Committee
- CEX: County Executive Office
- CIP: Capital Improvements Program
- DEP: Department of Environment Protection
- DGS: Department of General Services
- DOT: Department of Transportation
- DPS: Department of Permitting Services
- FEMA: Federal Emergency Management Agency
- FY: fiscal year
- GHG: greenhouse gas
- HAWK: High-Intensity Activated crossWalk
- HOA: Homeowners Association
- HOC: Housing Opportunities Commission
- KW: kilowatt(s)
- KWh: kilowatt hour(s)
- MCCPTA: Montgomery County Council of Parent-Teacher Association
- MCDOT: Montgomery County Department of Transportation
- MCG: Montgomery County Government
- MCPD: Montgomery County Police Department
- MCPS: Montgomery County Public Schools
- MDOT: Maryland Department of Transportation
- M-NCPPC: Maryland-National Capital Park and Planning Commission
- MORE: Montgomery County Racial Equity
- MOU: Memorandum of Understanding
- MSDE: Maryland State Department of Education
- MTA: Maryland Transportation Authority
- MW: megawatt(s)
- NOAA: National Oceanic and Atmospheric Administration
- NSA: Naval Support Facility
- OAG: Office of Agriculture
- OEMHS: Office of Emergency Management and Homeland Security
- OHR: Office of Human Resources
- OIR: Office of Intergovernmental Relations
- OMB: Office of Management and Budget
- PEPCO: Potomac Electric Power Company
- PV: photovoltaic
- RAISE: Rebuilding American Infrastructure with Sustainability and Equity
- SHA: State Highway Administration
- USDOT: United States Department of Transportation
- WMATA: Washington Metropolitan Area Transit Authority
- WSSC: Washington Suburban Sanitary Commission