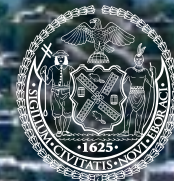


PlaNYC

Getting Sustainability Done

2024 Progress Report



The City of New York
Mayor Eric Adams

April 2024

AGENCY ABBREVIATIONS

ACS	Administration for Children's Services (also NYC Children)	MOCEJ	Mayor's Office of Climate & Environmental Justice
DCAS	Department of Citywide Administrative Services	MOCS	Mayor's Office of Contract Services
DDC	Department of Design and Construction	MOFP	Mayor's Office of Food Policy
DCP	Department of City Planning	MOUA	Mayor's Office of Urban Agriculture
DEC	New York State Department of Environmental Conservation	MTA	Metropolitan Transportation Authority
DEP	Department of Environmental Protection	NYCEDC	New York City Economic Development Corporation
DFS	New York State Department of Financial Services	NYCEM	NYC Emergency Management
DMO	Deputy Mayor of Operations	NYCHA	NYC Housing Authority
DOB	Department of Buildings	NYCPS	NYC Public Schools (formerly Department of Education)
DOHMH	Department of Health and Mental Hygiene	NYSERDA	New York State Energy Research & Development Authority
DOT	Department of Transportation	OER	Mayor's Office of Environmental Remediation
DPR	Department of Parks and Recreation (also NYC Parks)	OMB	Office of Management and Budget
DSNY	Department of Sanitation	PANYNJ	Port Authority of New York and New Jersey
EPA	US Department of Environmental Protection	SBS	Department of Small Business Services
HPD	Housing Preservation and Development	SCA	School Construction Authority
HRA	Human Resources Administration	TGI	Trust for Governors Island
HRO	Mayor's Office of Housing Recovery Operations	TLC	Taxi & Limousine Commission
HUD	US Department of Housing and Urban Development	USACE	United States Army Corps of Engineers
		USDA	United States Department of Agriculture

PLANYC IMPLEMENTATION MILESTONES

INITIATIVE / ACTION		LEAD AGENCIES	MILESTONES TO COMPLETE BY 2026 (Assuming funding)	MILESTONE/ FUNDING STATUS	PROGRESS SINCE APRIL 2023
EXTREME HEAT					
Protecting Us From Climate Threats	1. Maximize access to indoor cooling				
	Develop a maximum summer indoor temperature policy to protect all New Yorkers from extreme indoor heat by 2030	MOCEJ/ DOHMH/ DOB	Complete policy analysis, develop proposed local laws and code changes	In Progress/ Budget Neutral	<ul style="list-style-type: none"> In 2023, DOHMH published a maximum indoor temperature white paper to inform 2030 policy implementation goals. MOCEJ has convened an interagency working group to understand what a maximum indoor temperature policy might entail. In addition to the interagency working group, MOCEJ, DOHMH, and DOB have also had discussions with the C40 Cool Cities Network and DOHMH's advisory network of community-based organizations to get additional insight and input into best practices for such a policy.
	Include mandatory cooling requirements for new construction by 2025	MOCEJ/ DOB	Pass necessary local laws and building code	In Progress/ Budget Neutral	<ul style="list-style-type: none"> MOCEJ has convened an interagency working group to explore pathways for mandatory cooling for new construction.
	Reform the Home Energy Assistance Program (HEAP) to cover equipment and energy costs for cooling	MOCEJ/ DOHMH	Advocate for expanded HEAP program and more streamlined application process	In Progress/ Budget Neutral	<ul style="list-style-type: none"> MOCEJ has been coordinating with the National Energy Assistance Directors Association for guidance on developing a HEAP reform advocacy strategy for New York City. Reforming HEAP will require securing increased federal funding. To that end, MOCEJ has been tracking and will continue to pursue relevant funding opportunities, including advocating for increased federal funding from the Department of Health & Human Services to meet demand for air conditioning and to expand the program to include a utility benefit. MOCEJ is preparing to submit public comments to the NYS Office of Temporary and Disability Assistance on their 2024-2025 State Plan, regarding the HEAP Cooling Assistance Component.

	INITIATIVE / ACTION	MILESTONES TO COMPLETE BY 2026 (Assuming funding)	LEAD AGENCIES	MILESTONE/ FUNDING STATUS	PROGRESS SINCE APRIL 2023
Protecting Us From Climate Threats	EXTREME HEAT				
	2. Cool our built environment				
	Install 1 million square feet of cool roofs annually	Provide 250 low-income New Yorkers with paid work experience installing cool roofs	SBS	In Progress/ Funded	<ul style="list-style-type: none"> • 43 individuals completed NYC CoolRoofs training over the last year. • SBS and The HOPE Program aim to install one million square feet of cool roofs for 2025. • The NYC CoolRoofs team also created explainer materials to support ongoing building outreach.
Invest in pools and swim safety programs in environmental justice communities	Reach 3,000 students at 10 locations in Swim Safety programs	DPR	In Progress/ Partially Funded	<ul style="list-style-type: none"> • In summer 2023, Parks served over 2,000 children through Learn to Swim programming in outdoor Parks pools. • During the current 2023-2024 school year, Parks has continued to provide Swim for Life in open indoor Parks pools and three NYCPS pools through an existing agreement with NYCPS. The fall session started in October at seven Parks pools and three NYCPS pools and was fully enrolled with 78 schools and 131 classes participating. In the winter session, Parks hosted the program at six indoor Parks pools and three NYCPS sites with 63 schools and 116 classes, serving a total of 4,844 youth through the two Swim for Life sessions. • The spring session runs from April through June 2024 at the same sites served in the winter, with 116 classes from 61 schools enrolled. Parks anticipates it will serve over 5,000 second graders throughout the course of the year, exceeding the number of youth the department has served over the past few years. Parks is currently working with NYCPS on getting an agreement in place to support Swim for Life in the 2024-2025 school year. • In September 2023, City Council passed Intro 962, a local law requiring Parks, along with other City agencies, to conduct a survey to identify City-owned sites suitable for building additional public swimming pools and assess ongoing capital needs; create a plan to open pools under DOE jurisdiction for use by the public; and offer free swimming lessons at indoor pools. The challenge with this swim expansion initiative is meeting three critical components of aquatic education: 1) Pool time 2) Instructors 3) Lifeguards. Missing one element creates challenges for full program implementation. Due to funding and logistical challenges, Parks has had difficulty recruiting aquatic or lifeguard staff, delaying elements of this initiative. • Parks also continues to invest in capital renovations in our indoor and outdoor pools to bring them to a state of good repair. Currently, Parks has \$350M in active projects across 20 pools. • In October 2023, Parks and DDC broke ground on the new Shirley Chisholm Recreation Center in East Flatbush, Brooklyn. The recreation center will include a new competition-sized indoor pool, allowing for a variety of year-round aquatic programming. Parks is also including a new competition-sized pool in a new recreation center planned for Roy Wilkins Park in St. Albans, Queens, which will increase public access to swim facilities in that community as well. • Additionally, Parks' partner in swim programming, NYCPS, which has 49 pools across the city, recently completed renovations at several long-closed pools to bring them back into service. NYCPS has also committed over \$75M in their new capital budget to bring the remaining eighteen indoor pools that have been closed back online. 	

	INITIATIVE / ACTION	MILESTONES TO COMPLETE BY 2026 (Assuming funding)	LEAD AGENCIES	MILESTONE/ FUNDING STATUS	MILESTONE PROGRESS FROM APRIL 2023 to APRIL 2024
Protecting Us From Climate Threats	EXTREME HEAT				
	3. Achieve a 30% tree canopy cover				
	Expand the Tree Risk Management Program and in 2023, establish the Climber and Pruner Training Program pilot	Reduce backlog of moderate-risk tree work orders	DPR	In Progress/ Partially Funded	<ul style="list-style-type: none"> The Pilot Climber Pruner Training Program launched as a pilot in July 2023. The first cohort will graduate in October 2024, and plans are underway to continue the program on a permanent basis beginning at that time. Increased staffing and funding for contracts to reduce the backlog of moderate-risk tree work orders are delayed due to funding changes. However, Parks is pursuing additional job training opportunities to support improving the health of our forested areas. Parks is working with MOCEJ to evaluate how workforce development might be integrated into the Citywide Urban Forest Plan, required by the recently passed Intro 1065 of 2023. Please see the “Reach out to stewards” milestone, below, for details on \$15M in federal funding awarded to Parks by the USDA Forest Service in 2023, which will support tree maintenance, workforce development, and stewardship of the City’s forested areas.
Ensure that all new buildings meet the City’s street tree planting requirements through improved enforcement by 2035	Work with partners to monitor enforcement efforts	DCP/DOB/ DPR	In Progress/ Budget Neutral	<ul style="list-style-type: none"> Parks and DOB have been working together to support the goal of better integration of tree planting and protection rules into the building plan review process. Parks has been collaborating closely with other agencies, including FDNY, to resolve tree/design conflicts and alleviate the burden that project developers often face in navigating conflicting directions from different agencies. Parks is also moving toward a paperless payment system for replacement/restitution funds to streamline the process. Additionally, Parks is supporting MOCEJ in developing the Citywide Urban Forest Plan required by recent legislation (Intro 1065 of 2023), which may lead to regulations or incentives related to trees on private property. 	

	INITIATIVE / ACTION	MILESTONES TO COMPLETE BY 2026 (Assuming funding)	LEAD AGENCIES	MILESTONE/ FUNDING STATUS	MILESTONE PROGRESS FROM APRIL 2023 to APRIL 2024
Protecting Us From Climate Threats	EXTREME HEAT				
	3. Achieve a 30% tree canopy cover (continued)				
	Incentivize New Yorkers to steward green spaces by 2035	Reach out to stewards to understand incentive options and Develop 2-3 incentive options	DPR	In Progress/ Partially Funded	<ul style="list-style-type: none"> In September 2023, Parks was awarded \$15M by the USDA Forest Service, which included \$5M for the Stewarding Canopy and Community in Central Queens initiative. In partnership with Trees New York and Partnerships for Parks, Parks will leverage this funding to maximize access to urban forest benefits for underserved Queens communities in Jackson Heights, Elmhurst, and Corona, as well as grow the urban forest through planting trees and preserving existing trees. The program also promotes community engagement through outreach, education, and empowerment, and will also offer paid training and green job employment opportunities for youth and adults. The \$15M in USDA funding also includes a \$10M award for the New York City Forested Natural Areas Care and Job Training program, which will include educational and volunteer opportunities in parks in disadvantaged communities, including Van Cortlandt Park, Bronx Park, Inwood Hill Park, Kissena Corridor Park, Alley Pond Park, Pelham Bay Park, Rockaway Community Park, Arverne East Nature Preserve, and Vernam Barbadoes Preserve. These opportunities will empower community members to take part in forest restoration efforts, project planning, and overall enjoyment of their urban forests. Parks has brainstormed recognition, networking and incentive opportunities for the Lets Green NYC Initiative. Internal and external partners have met to discuss tool lending libraries where volunteers can borrow hand tools for events. Parks helped organize NYC's second City of Forest Day, alongside Forest for All NYC and the Parks and Open Space Partners (NYC Coalition), with over 40 events hosted by dozens of organizations. Parks' Stewardship team hosted five events engaging over 125 individuals. The next City of Forest Day will be set for Fall 2024. Parks is also working with MOCEJ to consider how stewardship and workforce development will be integrated into the Citywide Urban Forest Plan, required by the recent passage of Intro 1065 of 2023.
Maximize tree preservation and planting opportunities, including in areas with challenging site conditions, by 2035	Incorporate the latest design and preservation techniques in infrastructure projects	MOCEJ/ DPR	In Progress/ Budget Neutral	<ul style="list-style-type: none"> In June 2023, NYC Parks announced its highest number of street and park tree planting in six years: nearly 15,000 street and park trees focused in vulnerable areas, as guided by the City's Heat Vulnerability Index (HVI). Parks continues to use strategies like grow bag trees, structural soil, and utility coordination to identify more locations to plant trees. In September 2023, the City Council passed Intro 1066 to amend Local Law 84 of 2013 – which established the charter for long-term sustainability and resiliency planning (aka PlaNYC) – to include the role of trees, tree canopy, and vegetation, effectively codifying the 30% tree canopy coverage goal outlined in the 2023 PlaNYC report. The City Council later passed Intro 1065 of 2023, which requires the development of a comprehensive urban forest master plan for both public and private property, and will support the goal of increasing the city's tree coverage across diverse sites and project types. Parks is collaborating with MOCEJ and other agencies to advance these comprehensive planning efforts, which may include strategies for maximizing tree planting and preservation in infrastructure projects and in areas with challenging site conditions. Additionally, Parks is participating in MOCEJ's Climate Resiliency Design Guidelines (CRDG) pilot program, which includes tree preservation and planting as a recommended strategy for mitigating risks from extreme heat and stormwater flooding in the design of municipal capital projects. Parks is also participating in the CRDG Interagency Advisory Group to collaborate on identifying opportunities to improve CRDG design recommendations and to develop a resiliency scoring metric for compliance, which will help to operationalize and scale these solutions. 	

Protecting Us From Climate Threats	INITIATIVE / ACTION	MILESTONES TO COMPLETE BY 2026 (Assuming funding)	LEAD AGENCIES	MILESTONE/ FUNDING STATUS	MILESTONE PROGRESS FROM APRIL 2023 to APRIL 2024	
	FLOODING					
	4. Create a new leadership structure for coastal flood resilience in 2023, headed by DEP					
	Create a new leadership structure for coastal flood resilience in 2023, headed by DEP	Build out full flood protection operations team to be prepared to deploy new coastal protection systems	DEP	In Progress/ Unfunded	<ul style="list-style-type: none"> In 2023, DEP established a Bureau of Coastal Resilience (BCR) and appointed the City's first ever Deputy Commissioner for Coastal Resilience, centralizing management of cross-agency coastal flood protection measures. BCR began hiring staff that will be responsible for planning and maintaining new coastal protection systems. BCR is in the process of hiring additional staff to lead the Operations team as well as the Engineering and Project Management teams. DEP is pursuing additional funding opportunities to advance its mission to manage coastal resilience projects and advance the planning and implementation of ongoing and new projects 	
5. Implement a multilayered strategy for flood resilience						
Develop minimum flood resilience standards for shoreline assets by 2026	Complete shoreline study and identify citywide standards	DEP	In Progress/ Funded	<ul style="list-style-type: none"> DEP's Bureau of Coastal Resilience has developed a Request for Proposals for the Shoreline Standards development contract, with the aim to procure consulting services in 2025. 		
Continue to design and construct world-class neighborhood scale coastal protection projects and partner with the United States Army Corps of Engineers' New York and New Jersey Harbor & Tributaries Feasibility Study (NYNJHATS) process	<p>Continue design, construction and operations of our coastal protection portfolio</p> <p>Work with our congressional partners to fund the NYNJHATS Plan</p>	DEP/DDC/ EDC	In Progress/ Funded	<ul style="list-style-type: none"> In May 2023, the City reopened the second public portion of the East Side Coastal Resiliency Project – Stuyvesant Cove Park – which includes floodwalls, flood gates, porous surfaces, and a vegetative buffer to provide protection from coastal flood risk. In July 2023, the City broke ground on the first Raise Shorelines project in Old Howard Beach, Queens, to address long-term sea level rise and daily tidal flood inundation. The project is a critical part of a five-borough coastal defense program to protect neighborhoods. In October 2023, DEP established the new Bureau of Coastal Resilience, which has continued to build relationships with inter-agency and external partners to enable efficient and coordinated delivery of coastal resilience projects, and to provide support for projects currently underway. In Spring 2024, the mayor will host the groundbreaking event for the Battery Coastal Resilience Project and celebrate progress on the South Battery Park City Resiliency Project, which broke ground in the spring of 2023. These projects are part of the Lower Manhattan Coastal Resiliency Project (LMCR), an integrated coastal flood risk management system at the southern tip of Manhattan. The LMCR also includes the Brooklyn Bridge-Montgomery Coastal Resilience Project, the Seaport Coastal Resilience Project, and the Financial District and Seaport Climate Resilience Master Plan. In Spring 2024, as part of citywide efforts to reduce coastal risk, the City is also completing construction on the Old Howard Beach Street End project in Queens. Projected sea-level rise by 2050 will likely result in routine tidal flooding through 95th Street and 165th Street ends in the Old Howard Beach neighborhood. Street ends are the points of entry for most coastal flooding in New York City and there is currently no protection there against tidal flooding. 		
Develop a stormwater flooding adaptation plan by 2024 to establish a citywide flood protection target for stormwater infrastructure	Release a plan establishing a citywide level of service and priority areas in 2024	DEP	In Progress/ Partially Funded	<ul style="list-style-type: none"> In 2023, DEP undertook an evaluation of the city's existing infrastructure to assess flood vulnerability and identify priority areas for stormwater improvements. DEP also began conducting detailed modeling analyses to develop flood mitigation interventions for high priority areas. DEP will seek additional consultant resources in 2024 to develop a citywide stormwater master plan, subject to available funding. 		

INITIATIVE / ACTION	MILESTONES TO COMPLETE BY 2026 (Assuming funding)	LEAD AGENCIES	MILESTONE/ FUNDING STATUS	MILESTONE PROGRESS FROM APRIL 2023 to APRIL 2024
	FLOODING			
5. Implement a multilayered strategy for flood resilience (continued)				
Protecting Us From Climate Threats	Create nature-based stormwater management solutions that provide multiple functions, including shade, water and air quality improvement, and wildlife habitats	Break ground on the first cloudburst pilot project and initiate design for five neighborhoods by 2024 Submit an additional five projects for state and federal funding by 2025	DEP/DPR/ DOT In Progress/ Partially Funded	<ul style="list-style-type: none"> In March 2024, DEP broke ground on the first cloudburst pilot project at NYCHA's South Jamaica Houses. DEP is continuing to progress design for four cloudburst hubs in Corona, Kissena Park, Parkchester, and East New York. Design for the fifth hub in Brownsville South is anticipated to be initiated in late 2024. DEP submitted two cloudburst hubs for federal funding through FEMA's Building Resilient Infrastructure and Communities (BRIC) program in December 2023 and continues to track opportunities for additional federal and state funding for cloudburst work.
		Complete 3 Bluebelt projects in Staten Island by 2025	DEP/DPR/ DOT In Progress/ Partially Funded	<ul style="list-style-type: none"> In 2023, DEP completed construction of a crucial component of the Bluebelt System (NC-16) within the New Creek watershed on Staten Island, providing essential flood protection and enhancing the local environment by offering shaded areas, improving air quality, and establishing a habitat for wildlife. Two additional Bluebelt components (NC-6 and NC-15) are underway in the New Creek Watershed: an extended detention wetland and an outlet stilling basin. These projects, aimed at enhancing flood management and environmental conservation, are scheduled for completion in 2024. In early 2024, DEP also completed construction of a Bluebelt project in the Lemon Creek Watershed (LC-1), which included stream restoration and an outfall stilling basin.
		Complete at least 5 new stormwater green streets by 2026	DEP/DPR/ DOT In Progress/ Partially Funded	<ul style="list-style-type: none"> Parks is on track to install 35 new bioswales in Manhattan, and two bioswales and four infiltration basins in Brooklyn by 2026. Parks is awaiting registration of the contract for construction of the Manhattan and Brooklyn bioswale/infiltration basin projects, which are currently projected to be underway by mid-2024. Due to budget changes and challenges related to procuring consultant services and construction contracts – which are needed to conduct site investigations for design, supervision services for construction, and the start of construction contracts – five new stormwater Greenstreets in Manhattan, along with one stormwater Greenstreet and one bioswale in Staten Island, will be delayed past 2026. The contract for Manhattan site investigation was registered in March and will begin in April. The Staten Island contract is awaiting bidding.
6. Launch a voluntary housing mobility and land acquisition program to provide housing counseling and facilitate future land acquisition with Federal and State funds				
	Enable the City to engage with interested residents and acquire difficult to protect flood-vulnerable properties that can support flood control, natural areas, or parklands	Launch housing mobility and land acquisition program for intake and outreach	MOCEJ/ HRO In Progress/ Partially Funded	<ul style="list-style-type: none"> In January 2024, MOCEJ and HRO launched a stakeholder engagement process, “Rainproof NYC,” in partnership with Rebuild by Design, to inform the development of a future voluntary housing mobility program. “Rainproof NYC” working group participants include representatives from local nonprofits and community-based organizations, and were selected via an open-call application process. MOCEJ and HRO will continue to engage stakeholders through the “Rainproof NYC” working groups through the end of June 2024, at which point the working groups will produce a set of recommendations and considerations for the future housing mobility program. MOCEJ and HRO are engaged in an active RFP process to identify a consultant for the critical analysis and research needed to create a framework for standing up the program. This work will be federally funded through the Community Development Block Grant Disaster Recovery (CDBG-DR) program run by the U.S. Department of Housing & Urban Development (HUD). In January 2024, Governor Hochul announced \$250M in state funding to launch a new Blue Buffers program that will provide voluntary buyouts for residents in New York State's most flood-prone areas. MOCEJ and HRO will continue coordinating with the state and federal government as the City's program advances to identify funding opportunities.

	INITIATIVE / ACTION	MILESTONES TO COMPLETE BY 2026 (Assuming funding)	LEAD AGENCIES	MILESTONE/ FUNDING STATUS	MILESTONE PROGRESS FROM APRIL 2023 to APRIL 2024
Protecting Us From Climate Threats	BUILDINGS				
	7. Support building owners in complying with Local Law 97 emissions reduction goals by 2030				
	Develop financing tools and innovative mechanisms to accelerate Local Law 97 (LL97) compliance by 2030	Work with NY State to adopt a tax abatement law by 2024 for multifamily buildings subject to LL97	MOCEJ	In Progress/ Budget Neutral	<ul style="list-style-type: none"> Over the last year, MOCEJ has coordinated with agencies and external stakeholders to conduct an analysis of LL97 implementation costs, identify existing incentives and resource gaps, and develop a comprehensive funding strategy to support building owners with compliance. This strategy includes refining City tax abatements to close the identified funding gaps. MOCEJ has also been coordinating with NYSERDA and Con Edison to provide LL97-specific resources and has been working with the NY Green Bank and Public Service Commission to advocate for future funding. In September 2023, MOCEJ released Getting 97 Done – a plan for LL97 implementation that highlights the potential for the new version of J-51 property tax exemption and abatement to cover costs for building retrofits, helping low- and-moderate income multifamily buildings achieve LL97 compliance. This includes close to 1,300 condos and co-ops that are projected to be over 2030 limits. In October 2023, Governor Hochul signed legislation authorizing the Affordable Housing Rehabilitation Program (S.4709A/A.7758), a tax abatement program for capital improvements to affordable housing. The new program will run for up to 20 years and replaces the J-51 tax abatement program, which expired in 2022 and provided a property tax abatement to help qualifying property owners offset the costs of certain capital improvements. MOCEJ, HPD, and members of the City Council worked together to advocate for passage of the bill at the state level. Next, the City Council will need to enact legislation to authorize the program at the city-level. MOCEJ has been coordinating with HPD to ensure that after the local law is passed, the rules and guidance developed in rulemaking will enable the program to cover costs of decarbonization retrofits. In early April 2024, the legislation was introduced as Int. No. 654 in the City Council's Housing & Buildings Committee and is awaiting a hearing. In September 2023, the New York State Legislature passed Commercial Property Assessed Clean Energy (C-PACE) Financing for New Construction. Rules took effect in November, expanding the availability of financing beyond existing buildings and allowing C-PACE to be used for new construction of all-electric buildings.
	Develop trainings and certifications to support LL97 compliance and implement resilience retrofits by 2024	Develop trainings and certifications to support LL97 compliance and implement resiliency retrofits by 2024	MOCEJ	In Progress/ Partially Funded	<ul style="list-style-type: none"> Over the past year, MOCEJ developed a LL97 workforce strategy that identifies goals and specific issues, proposals, and partners to support LL97 compliance. MOCEJ has been coordinating with the Mayor's Office of Talent and Workforce Development (NYC Talent), CUNY Building Performance Lab, and ASHRAE to develop technical trainings that advance decarbonization skills for design and engineering professionals. MOCEJ and DOB have held two convenings of a LL97 Mobilization Council Workforce Development Task Force to support this initiative, with two more planned for this year.
Expand NYC Accelerator by 2024	Launch NYC Accelerator expansion by 2024	MOCEJ	In Progress/ Partially Funded	<ul style="list-style-type: none"> MOCEJ extended the current NYC Accelerator program for one year, during which time the program is focused on supporting building owners with LL97 compliance and phasing out #4 fuel oil. In collaboration with DOB, HPD, and DEP, MOCEJ has developed a Request for Proposals (RFP) for the next phase of the Accelerator program. The RFP is going through the final review and approval process for anticipated release mid-2024. 	

	INITIATIVE / ACTION	MILESTONES TO COMPLETE BY 2026 (Assuming funding)	LEAD AGENCIES	MILESTONE/ FUNDING STATUS	MILESTONE PROGRESS FROM APRIL 2023 to APRIL 2024
Protecting Us From Climate Threats	BUILDINGS				
	8. Decarbonize affordable housing				
	Install window heat pumps in 30,000 NYCHA units and unlock federal funding for further upgrades and efficiency investments by 2030	Install 30,000 heat pumps in 10,000 units	NYCHA	In Progress/ Partially Funded	<ul style="list-style-type: none"> In July 2023, as part of the first phase of the Clean Heat for All pilot, NYCHA installed 36 Midea heat pump units in 12 apartments at Woodside Houses, where the existing heating system was damaged by Hurricane Ida. In November, NYCHA installed 36 Gradient heat pump units in 12 additional apartments at Woodside Houses. NYCHA also installed monitoring and verification (M&V) equipment, including electric meters and temperature data loggers, to monitor the performance of the units. NYCHA will continue to gather and analyze M&V data on the performance of the Gradient and Midea units through summer 2024 to evaluate impact and determine best practices for scaling implementation. After the one-year pilot program, NYCHA will install 20,000 Midea heat pumps and 10,000 Gradient heat pumps.
	Implement HPD design guidelines to address energy efficiency, sustainability, and resilience retrofits by 2026	Begin electrification of up to 12,000 existing affordable housing units Require all new construction to be electric by 2026	HPD	In Progress/ Partially Funded	<ul style="list-style-type: none"> HPD is making active progress on its commitment to electrify 12,000 units of affordable housing. To date, HPD has electrified 319 units in 11 buildings, with another 1,244 units in 36 buildings funded or soon to be funded. In May 2023, HPD and NYSERDA launched the joint Future Housing Initiative to provide owners and developers with up to \$10,000 per dwelling unit and up to \$1.5 million per project for construction of high-performance all-electric multifamily buildings that will achieve Passive House Certification. The first round of funding was awarded in summer 2023, with funding allocated to nearly 800 units in eight HPD projects that will meet these goals. The first projects are closing and beginning construction in Spring 2024. A second round of funding will launch in 2024. In March 2024, HPD launched 321 Go!, which provides free access to game-changing decarbonization software along with free tech support to help HPD building owners comply with LL97 – specifically buildings subject to Article 321. The software will help buildings determine how best to comply with either of the two Article 321 pathways, including estimating costs and incentives.
	9. Pursue fossil fuel free City operations				
Phase out City capital spending on fossil fuel equipment and infrastructure	Start replacing easiest to electrify fossil fuel equipment Complete planning schedule for full fossil fuel phase out by 2026	MOCEJ/ DCAS/ OMB/DDC	In Progress/ Partially Funded	<ul style="list-style-type: none"> DCAS is launching a Request for Information to source innovative retrofit and building heating technology to support ongoing electrification work, aligned with the City's commitment to invest in retrofits aimed to meet ambitious emissions reductions commitments over the next ten years. MOCEJ and agencies have also begun the planning process to implement a fossil fuel phase out strategy across City assets. Additionally, as OMB advances implementation of Climate Budgeting, agency capital funding requests will be evaluated for their impact on the City's emissions-reduction goals. This will help identify areas of opportunity for exploring non-fossil-fuel systems where feasible. 	

	INITIATIVE / ACTION	MILESTONES TO COMPLETE BY 2026 (Assuming funding)	LEAD AGENCIES	MILESTONE/ FUNDING STATUS	MILESTONE PROGRESS FROM APRIL 2023 to APRIL 2024
Protecting Us From Climate Threats	BUILDINGS				
	10. Reduce localized air pollution in NYC				
	Develop a new air quality monitoring program by 2024	Launch program by 2024	DEP	In Progress/ Partially Funded	<ul style="list-style-type: none"> DEP has acquired ten new particulate matter (PM) monitors, which are being used to evaluate air quality at specific locations, including commercial cooking restaurants, distribution centers, and other locations that are major sites of PM pollution.
	11. Reduce the carbon footprint of the construction industry by 2033				
Implement performance-based standards for low carbon materials and equipment by 2025	Complete citywide embodied carbon baseline, implement low carbon material standards for concrete citywide	MOCEJ/ DOB	In Progress/ Budget Neutral	<ul style="list-style-type: none"> During Climate Week in September 2023, Mayor Adams announced that New York City had signed on to join the C40 Clean Construction Accelerator, which supports cities around the world in driving the transition to resource-efficient, resilient, and zero-emissions buildings and infrastructure by addressing the impacts of construction. In September 2023, EDC also launched the NYC Mass Timber Studio, a technical assistance program to support active mass timber development projects in the early phases of project planning and design. In March 2024, EDC awarded funding to seven project development teams to advance construction. In December 2023, MOCEJ presented information and resources on embodied carbon to a convening of the Carbon Challenge – a cohort of private-sector partners that are leading the way on implementing building decarbonization and sustainability measures. Additionally, MOCEJ has been coordinating with DOB, DDC, the NYS Office of General Services, the NYNJ Port Authority, and industry partners to determine the scope of low carbon material standards for concrete citywide, in accordance with Executive Order 23 (EO 23). DDC is expected to complete their standards in spring 2024. In January 2024, MOCEJ released Environmental Product Declaration (EPD) Guidance for EO 23. The Guidance is applicable to any construction project awarded by City capital agencies, as defined in EO 23, using concrete and steel. The intention is to collect as many EPDs as possible for these covered materials. MOCEJ is also coordinating with agencies to begin implementing pathways for integrating Life Cycle Assessments (LCAs) into capital project development in future projects. MOCEJ expects to release LCA Guidance for EO 23 in spring 2024. 	
Expand ConstructNYC in 2023	<p>Train and prequalify ConstructNYC participants in green construction</p> <p>Connect prequalified participants to green construction and decarbonization related EDC work</p>	EDC	Completed	<ul style="list-style-type: none"> Building on the first iterations of the ConstructNYC program, which ran from 2016 to 2022, the City committed to expanding the program in 2023 with an optional five-week green training certification opportunity that prequalifies ConstructNYC participants for green construction-related work. EDC connects prequalified participants to green construction and decarbonization related work. 45% of the ConstructNYC cohort in 2023 opted to take the green training certification program. The training covered fundamentals of the green economy (including LL 97, clean energy sector technologies, incentive programs, and in-demand skills and trades), green buildings, construction management, and circular and sustainable information management. All post-training participant assessments showed increases in the average score for all subject areas covered. 	

	INITIATIVE / ACTION	MILESTONES TO COMPLETE BY 2026 (Assuming funding)	LEAD AGENCIES	MILESTONE/ FUNDING STATUS	MILESTONE PROGRESS FROM APRIL 2023 to APRIL 2024
Protecting Us From Climate Threats	CLEAN AND RENEWABLE ENERGY				
	12. Maximize climate infrastructure on City-owned property				
	Evaluate all City roofs undergoing repair work for climate infrastructure installation by 2025	Complete a Roof Plan by 2025 that evaluates the best use for climate infrastructure installation on City roofs	DCAS OMB/ MOCEJ/ DDC	In Progress/ Unfunded	<ul style="list-style-type: none"> Over the past year, DCAS has implemented 25 solar PV projects with an installed capacity of 4.8 MW, bringing the total capacity to 24 MW on City-owned roofs. Additionally, four new battery storage projects have been completed, with an installed capacity of 53 kW. An agreement between the City and the State Power Authority will add over 30 MW of solar PV generating capacity and up to 19 MW of large-scale battery storage to provide energy to power City operations. DCAS also issued a public request for information to help gather input from the energy storage industry. This request will help ensure that battery energy storage system program design and procurement strategy align with industry practices and standards. Agencies continue to work on planning for evaluating the best use of City roofs for climate infrastructure.
	Install solar energy, battery storage, green roofs, or other electric building infrastructure on all viable City-owned property	Identify all viable City properties to co-locate climate infrastructure projects and begin necessary building upgrades	DCAS/ OMB/ MOCEJ/ DDC	In Progress/ Partially Funded	<ul style="list-style-type: none"> This initiative will build upon the prior initiative to evaluate City roofs undergoing repair work and identify best uses for climate infrastructure installation, which includes opportunities for co-location. See notes above on solar and storage capacity installed over the last year.
	13. Connect New York City to clean electricity resources				
Actively support the development, access, and interconnection of large-scale renewable energy projects like offshore wind and hydropower	Lead on clean energy and environmental justice advocacy efforts through strengthening interagency coordination and utility advocacy to meet State mandates	MOCEJ/ DCAS/EDC	In Progress/ Budget Neutral	<ul style="list-style-type: none"> Construction is underway for the Champlain Hudson Power Express (CHPE) – a transmission line expected to deliver 1,250 MW of low-cost renewable power directly to the New York Metro area by spring 2026. The City is in active communication with the CHPE team to assist with timely delivery of the project. The City is also working with Clean Path New York on project planning and transmission line siting as the project moves through the state Article VII process. Following the State's re-solicitation of bids for certain Offshore Wind (OSW) projects in the past year, Empire Wind 1 and Sunrise Wind won new contracts in February 2024 for projects, and continue to move forward as quickly as possible in coordination with the City and its partners. See the Green Economy section initiative: "Cultivate the offshore wind sector to provide residents with opportunities for economic mobility" for details on the development of New York City's first dedicated offshore wind port facility at South Brooklyn Marine Terminal. Large-scale storage is also necessary for the clean energy transition to manage demand, fill in during wind and solar lulls, and allow gas-burning peaker units to come offline, the state has proposed a 6GW by 2030 roadmap, 4GW of which would be located in New York City. The roadmap and associated incentives are awaiting approval by the Public Service Commission. MOCEJ has convened an inter-agency solar and storage permitting working group to enhance interagency collaboration and dissolve silos within the solar and storage workstreams. 	

	INITIATIVE / ACTION	MILESTONES TO COMPLETE BY 2026 (Assuming funding)	LEAD AGENCIES	MILESTONE/ FUNDING STATUS	MILESTONE PROGRESS FROM APRIL 2023 to APRIL 2024
Protecting Us From Climate Threats	CLEAN AND RENEWABLE ENERGY				
	14. Assist building and homeowners with clean energy projects and solar installation				
	Launch Public Solar program for one-to-four family low-income homeowners in environmental justice communities by 2025	Launch Public Solar program for one- to four-family low-income homeowners in environmental justice communities by 2025	MOCEJ/ EDC	In Progress/ Partially Funded	<ul style="list-style-type: none"> Over the last year, MOCEJ developed a Public Solar NYC Implementation Plan outlining the steps needed to operationalize and create a self-sustaining initiative. The City and NYSEERDA submitted an application for federal funding to implement the plan through EPA's Greenhouse Gas Reduction Fund - Solar for All competition. Public Solar NYC will build 31 MW of rooftop solar (towards a goal of 1,000 MW citywide by 2030) to serve a minimum of 5,000 low- and moderate-income (LMI) households and residents in disadvantaged communities (DACs) over the next five years. 4.5 million New York City residents live in DACs, representing over 59% of New York State DAC census tracts. To overcome historic barriers to solar for LMI and DAC households, Public Solar NYC will offer multiple publicly financed pathways to solar with no upfront capital costs. These include new leasing and community solar programs, sliding scale make-ready grants, and a credit backstop program to deliver clean energy and cost savings to low-income residents. MOCEJ is coordinating with trusted community organizations to provide multilingual outreach to households, advancing the work of aggregating small residential solar projects to create cost-effective economies of scale.
	Advocate to the state to continue and expand the solar tax abatement program for NYC residents	Pass the property tax abatement for solar and energy storage	MOCEJ	Completed	<ul style="list-style-type: none"> In September 2023, Governor Hochul signed legislation to extend the New York Property Tax Abatement through 2035 and expand it to offer a maximum incentive value of 30% of eligible solar and battery costs, up to \$250,000. Effective January 1, 2024, the expanded NYC Solar and Electric Storage Property Tax Abatement is also worth 30% of the installed cost of a residential solar and/or battery system, including solar carports, up to \$250,000. MOCEJ has published a fact sheet on the tax abatement program, available on its website, to explain the basics of the program and guide New York City residents toward additional resources.
Advocate for enactment of the City of Yes for Carbon Neutrality Citywide Text Amendment in 2023 to expand renewable energy generation in the city	Advocate to enact City of Yes for Carbon Neutrality Citywide Text Amendment	DCP	Completed	<ul style="list-style-type: none"> In December 2023, the City Council overwhelming passed the City of Yes for Carbon Neutrality zoning text amendment to facilitate the expansion of renewable energy generation, including: rooftop and parking canopy solar, community solar, energy storage, and EV charging infrastructure. 	

INITIATIVE / ACTION	MILESTONES TO COMPLETE BY 2026 (Assuming funding)	LEAD AGENCIES	MILESTONE/ FUNDING STATUS	MILESTONE PROGRESS FROM APRIL 2023 to APRIL 2024
GREEN SPACE				
15. Create an accessible and connected network of open spaces				
Connect over 300 miles of trails and make 12,000 acres of natural areas accessible to all New Yorkers	Formalize 100 miles, and improve 200 miles of trails	DPR	In Progress/ Partially Funded	<ul style="list-style-type: none"> • Parks is on track to achieve the goal of formalizing 100 miles of trails by 2026. This work involves analyzing the trail network and designating which trails should be the official ones. • Parks has advanced progress by leveraging three Play Fair seasonal roles to establish a small trail formalization and improvements team, and by partnering with the Natural Areas Conservancy, which has three grant funded employees dedicated to trails. • Parks is in the process of developing trail formalization maps for Udall's Cove and Prospect Park and finalizing 2024 improvements and formalization work plan for nine parks. • Subject to available funding, Parks will seek to advance physical trail improvements and hiring Urban Park Ranger staff to activate and program trails, making them even more accessible for New Yorkers.
Create over 10 acres of new open space and safe connections between parks as part of the greenway network expansion	Publish a Citywide Greenway Plan	DPR/DOT	In Progress/ Partially Funded	<ul style="list-style-type: none"> • In October 2023, Mayor Adams announced the New York City Greenway Expansion Plan to develop more than 40 miles of new greenway routes in five early action corridors in Queens, Staten Island, Brooklyn, and The Bronx. Through this expansion, the City is planning new protected bike infrastructure and exploring improvements to existing infrastructure to fill gaps in the outer-borough greenway network, creating 60 total miles of greenway corridors that expand safer, greener transportation options. • In December 2023, the three-acre East Midtown Greenway and Andrew Haswell Green Park opened, creating new waterfront access and spectacular community amenities from East 53rd Street to East 61st Street. The East Midtown Greenway includes a park, separated bike and pedestrian pathways, seating, and a new pedestrian bridge at 54th Street. The full renovation of Andrew Haswell Green Park includes a new lawn and grand staircase, plus improvements to the ramp, lighting, and seating. Both projects help to close a gap in the overall Manhattan Waterfront Greenway, which, when completed, will be a continuous 32.5-mile loop around Manhattan connecting a network of green spaces totaling more than 1,000 acres. • In April 2023, DOT hosted public workshops for the Bronx Harlem River Greenway implementation plan. In December 2023 and January 2024, Parks and EDC hosted community input meetings on the conceptual design of the QueensWay Metropolitan Hub project, which includes a greenway path. In February 2024, DOT also kicked off an interagency Greenways Team with Parks and EDC to begin work on the Queens Waterfront Greenway implementation plan.
16. Improve the health of our forested areas				
Restore and steward 1,000 acres of forests across 10 sites, planting more than 30,000 native trees and shrubs	Plant 10,000 native trees and shrubs	DPR	In Progress/ Partially Funded	<ul style="list-style-type: none"> • In the Fall 2023 planting season, Parks planted a total of 5,064 shrubs and 10,881 trees. This brings Parks' total for the 2023 calendar year to 7,995 shrubs and 16,692 trees planted. • In calendar year 2023, Parks staff, contractors, and stewards also cared for nearly 1,100 acres of natural areas parkland. • The 2024 spring planting season is underway and is anticipated to result in the planting of more than 7,500 trees and more than 6,500 shrubs through a series of fifteen volunteer events supplementing in-house and contractor planting efforts. • Parks was awarded \$10M in federal funding by the USDA Forest Service grant under Inflation Reduction Act Urban & Community Forestry program last year, as described in the "Extreme Heat" sections. This funding will support Parks initiatives to plant and restore native trees and shrubs, as well as programs to incentivize and facilitate stewardship of the city's forested areas.

Improving Our Quality of Life	INITIATIVE / ACTION	MILESTONES TO COMPLETE BY 2026 (Assuming funding)	LEAD AGENCIES	MILESTONE/ FUNDING STATUS	MILESTONE PROGRESS FROM APRIL 2023 to APRIL 2024
	WATERWAYS				
17. Reduce combined sewer overflows by more than 4 billion gallons per year by 2045					
Deliver the Long-Term Control Plans by 2045	Put forth 12 projects in design and 6 projects in construction prior to 2026	DEP	In Progress/ Funded	<ul style="list-style-type: none"> • DEP has initiated design on nine combined sewer overflow (CSO) LTCP projects and begun construction on three projects: Bronx River Sewer Improvements, Flushing Creek Floatable Control, & Gowanus Canal RH-034 CSO Storage Tank. • DEP has initiated procurement for the remaining CSO LTCP Projects required under the Jamaica Bay and Citywide Open Waters CSO LTCPs. 	
Continue to implement the NYC Green Infrastructure Program, the largest of its kind in the nation	668 MGY CSO reduced by 2025	DEP	In Progress/ Partially Funded	<ul style="list-style-type: none"> • Over the past year, DEP has made considerable progress in advancing a variety of green infrastructure programs to reduce combined sewer overflows. Full details of that work, along with an Interactive Map of Green Infrastructure Projects, can be found on DEP's website: nyc.gov/site/dep/water/green-infrastructure.page • Additionally, in May 2023, DEP and NYS DEC announced an agreement to invest \$3.5B to build green infrastructure in sewer areas across all five boroughs to better manage intense rainfall and severe weather that climate change is bringing to the region and improve water quality in New York Harbor. • In July 2023, the City completed the Rockaway Corridor at Beach 108th Street, which included 11,000 square feet of porous pavement reconstruction to improve stormwater drainage and reduce flooding in Rockaway Park. • In September 2023, DEP also completed construction of three new green infrastructure roadway medians in the Arverne neighborhood of the Rockaways. The medians absorb stormwater and reduce chronic neighborhood flooding to better protect Jamaica Bay and include pedestrian ramp improvements. • See "Initiative 5: Implement a Multi-Layered Strategy for Flood Resilience" in the Flooding section for additional updates on implementation of Cloudburst, Bluebelt, Stormwater Greenstreet, and bioswale projects. 	
Improve water quality by capturing stormwater at the source through the Unified Stormwater Rule	Non-City action needed to progress	DEP	In Progress/ Budget Neutral	<ul style="list-style-type: none"> • New and substantial redevelopment projects are required to implement the Unified Stormwater Rule. 	
18. Develop a strategy to end the discharge of untreated sewage into the New York Harbor by 2060					
Develop a strategy to end the discharge of untreated sewage into the New York Harbor by 2060	Register contract by end of 2024 to develop additional CSO mitigation strategies (factoring in flood mitigation, water quality, and synergies with other projects) that DEP may initiate before 2060	DEP	In Progress/ Partially Funded	<ul style="list-style-type: none"> • DEP has begun work to develop the framework for a CSO master plan. Subject to available funding, DEP will be seeking consultant services to further develop this plan. • DEP is in the process of registering a new consultant contract to support this initiative and is conducting in-house landside modeling and post processing LTCP modeled data to initiate preliminary alternative analysis. 	

INITIATIVE / ACTION	MILESTONES TO COMPLETE BY 2026 (Assuming funding)	LEAD AGENCIES	MILESTONE/ FUNDING STATUS	MILESTONE PROGRESS FROM APRIL 2023 to APRIL 2024
WATERWAYS				
19. Improve the health and ecological function of wetlands				
Improving Our Quality of Life	Restore wetlands for flood risk reduction, conservation, and open space benefits	DPR	In Progress/ Partially Funded	<ul style="list-style-type: none"> • In May 2023, Parks and DEP, in partnership with the National Audubon Society, celebrated the completion of the Hook Creek Park Wetlands Restoration Project in Queens. Hook Creek Park was identified as a critical site for preserving salt marshes. The restoration project will preserve salt marsh from sea level rise and provides new habitat for threatened birds that require the habitat for nesting. • In June 2023, Parks completed a living shoreline and salt marsh restoration at Alley Pond Park aimed to begin restoration of over five acres of eroded wetland. • In late 2023, Parks began construction on Phase 2 of the Saw Mill Creek mitigation bank with EDC and Four Sparrow Marsh. Two additional projects will begin construction in late 2024, and two more projects are permitted and scheduled to enter procurement in the spring. • The timeline for completing these and future projects is dependent upon state and federal permits required for construction, and therefore subject to uncertainty. Additionally, City infrastructure projects along the waterfront often require wetland mitigation, which can provide opportunities for supplemental wetland restoration funding, but fundraising and increased coordination needed for mitigation can slow timelines for both restoration and infrastructure projects. • In 2023, Parks received a \$500K grant from the New York State Department of State to begin evaluating the development of an in-lieu fee mitigation program, which would provide the structure to help facilitate mitigation projects for the City. • Parks will also seek to build capacity and the project pipeline for addressing mitigation needs proactively, subject to available funding.
	Complete Phase 2 of Saw Mill Creek Mitigation bank with EDC		In Progress/ Partially Funded	<ul style="list-style-type: none"> • In late 2023, EDC began construction on the second phase of the mitigation bank.

Improving Our Quality of Life	INITIATIVE / ACTION	MILESTONES TO COMPLETE BY 2026 (Assuming funding)	LEAD AGENCIES	MILESTONE/ FUNDING STATUS	MILESTONE PROGRESS FROM APRIL 2023 to APRIL 2024	
	TRANSPORTATION					
	20. Get polluting trucks off our streets					
Pilot the East Coast's first low-emission zone centered on environmental justice through incentives and other methods	Complete feasibility assessment and develop implementation strategy for feasible options	DOT	In Progress/ Budget Neutral	<ul style="list-style-type: none"> Over the past year, the City has completed legal research to understand policy options available to NYC. An interagency team including MOCEJ, DEP, DOT, and DCP is evaluating promising options for impact and feasibility. 		
End unlawful truck idling	Put in place process improvements by early 2024, assuming approval of Air Code revisions	DEP	In Progress/ Ununded	<ul style="list-style-type: none"> Participation in the Citizens Idling Complaint Program continues to grow. At current rates, DEP anticipates over 100,000 complaints will be submitted in 2024. DEP coordinated with City Council on the development of Intro 1038 for Truck Idling Process Improvements, introduced in May 2023. The proposed legislation would reform the Citizens Idling Complaint Program and is similar to legislation already in place at the state level. The bill did not move in 2023, but DEP is seeking to have it reintroduced in 2024. 		
Create shared charging depots by 2030 to support the transition to electric trucks	Identify a funding strategy and sites for EV charging for commercial vehicles	EDC/DOT	In Progress/ Partially Funded	<ul style="list-style-type: none"> In January 2024, EDC and DOT were awarded were awarded \$15M in competitive funding through the USDOT's Charging and Fueling Infrastructure Discretionary Grant Program to develop an EV truck charging depot in Hunts Point in the Bronx. EDC is currently working on two Requests for Proposals for development of shared commercial charging hubs. 		
Accelerate adoption of cargo bikes for deliveries by 2026	Identify funding for an incentive program to increase enrollment	DOT	In Progress/ Ununded	<ul style="list-style-type: none"> To incentivize businesses to adopt commercial cargo bikes for deliveries, DOT, in partnership with EDC and the NYNJ Port Authority, is pursuing \$500M in federal funding for freight decarbonization through the USEPA Climate Pollution Reduction Grant (CPRG) – \$18M for 2,000 bikes. DOT also continues to track potential future funding sources via participation in the City's Federal Infrastructure Funding Taskforce. DOT continues to advance work on the micro-distribution centers (microhubs) pilot for distributing goods locally via sustainable modes, including cargo bikes. DOT and DCAS have identified pilot locations and are finalizing proposed city rule changes to facilitate a launch of the pilot program in 2024. The City's CRPG application also includes funding to support expansion of the pilot to five new off-street microhubs. 		
	Address regulatory barriers subject to collaboration with State and City partners	DOT	In Progress/ Ununded	<ul style="list-style-type: none"> In March of 2024, DOT finalized rules to increase low- or no-emission options for freight deliveries by allowing the use of pedal-assist electric-cargo bicycles that may be up to 48 inches wide and have up to four wheels. DOT will provide e-cargo bike operators with safety training and educational materials on e-cargo bike use and battery charging. 		
Reactivate the marine highway by 2025 to move freight off trucks and onto waterways	Activate six waterfront sites for freight distribution by 2026	EDC/DOT	In Progress/ Partially Funded	<ul style="list-style-type: none"> In November 2023, EDC and DOT issued a Request for Expressions of Interest (RFEI) for the Blue Highways initiative to better understand industry challenges and opportunities, including ways to implement and support businesses to engage in waterfront freight operations. They received a robust response to the RFEI and are meeting with respondents to develop a pilot proposal for reactivating maritime freight in New York City. EDC/DOT aim to announce a pilot route by the end of the year. In February 2024, EDC released a design and environmental Request for Proposals to prepare six waterfront sites in the Bronx, Manhattan and Brooklyn for marine highways activities, and the team is currently evaluating proposals. These six sites will leverage federal funds awarded through a USDOT Maritime Administration (MARAD) grant to enable docking for marine freight watercraft and prepare cargo for local delivery. DOT and EDC are also pursuing federal funding for marine highways via the U.S. EPA Climate Pollution Reduction Grant. If awarded, funding would support substantial investments in additional sites, including Pier 92. 		

	INITIATIVE / ACTION	MILESTONES TO COMPLETE BY 2026 (Assuming funding)	LEAD AGENCIES	MILESTONE/ FUNDING STATUS	MILESTONE PROGRESS FROM APRIL 2023 to APRIL 2024
Improving Our Quality of Life	TRANSPORTATION				
	21. Prioritize public transit, walking, and biking				
	Bring New Yorkers back to the transit system to achieve a sustainable mode share of 80% by 2050	Continue implementation of transit signal priority projects and support for MTA's bus network redesigns Continue partnership with MTA to expand and promote programs to improve affordability of riding transit system	DOT/MTA	In Progress/ Partially Funded	<ul style="list-style-type: none"> Over the last year, DOT has continued to implement NYC Streets Plan commitments to improve the safety, accessibility, and quality of city streets for all New Yorkers. In 2023, DOT installed, upgraded, or protected 18.1 miles of bus lanes, including 5.2 miles of new protected lanes. DOT added transit signal priority to 754 new intersections. These projects were estimated to have improved the lives of 301,000 daily bus riders (44 million annual riders) with projects that made service faster and more reliable. DOT also installed seating at 320 bus stops.
	Implement congestion pricing and use it to promote environmental justice	Include the City's environmental justice, air quality, and equity priorities in the final congestion pricing plan	MTA/DOT	In Progress/ Budget Neutral	<ul style="list-style-type: none"> The Central Business District Tolling Program (CBD), or congestion pricing, is set to begin in June 2024. The CBD is defined as Manhattan south of and inclusive of 60 St, but excluding the FDR Drive, the West Side Highway, and the Hugh L. Carey Tunnel connection to the West Side Highway. In March 2024, the MTA Board voted to approve the CBD toll rate schedule. This followed a public comment period, starting in December 2023. All public comments were submitted to the Triborough Bridge and Tunnel Authority Board for their rate making consideration.
	Transform our streets and public spaces under the leadership of the Chief Public Realm Officer	Launch and implement permanent Outdoor Dining Program citywide	DOT	Completed	<ul style="list-style-type: none"> New York City's permanent outdoor dining program, "Dining Out NYC," is launching in Spring 2024, following the release of final DOT rules in February 2024. In March, DOT launched an online portal for eligible food service establishments to begin applying to join the program. This launch follows the City Council's passage of Intro 31-C, or the "Dining Out NYC" bill, in August 2023, creating the nation's largest permanent outdoor dining program. In summer 2023, DOT began offering the Dining Out NYC Setup Menu, an interactive guide that provides compliant outdoor design options for food service establishments.
		Complete Broadway Vision street improvement projects	DOT	In Progress/ Funded	<ul style="list-style-type: none"> In June 2023, DOT completed Broadway Vision street improvement projects between 32nd and 25th Streets, including a series of plazas, shared streets, and a formal two-way bike path connecting Herald Square to Worth Square. In March 2024, DOT presented its next phase including a plaza, shared streets, and two-way Bike Blvd from East 21st Street down to Union Square at East 17th Street to Community Board 5. Implementation for this phase is expected to be completed in Summer 2024.
	Complete Vision plan for reimagined Fifth Avenue from 59th St/Central Park to 42nd St./Bryant Park with contracted design firm and steering committee	DOT	In Progress/ Partially Funded	<ul style="list-style-type: none"> In October 2023, DOT, in collaboration with Mastercard, released an economic benefits report highlighting the positive impacts of 2022 Open Streets on corridor businesses. In winter 2023, DOT completed zoning analysis and transit analysis for the corridor. In spring 2024, DOT will complete an economic analysis, intercept and online survey report, and traffic study. Concept design development is currently underway, with stakeholder engagement in spring 2024 to followed by community board and NYC Public Design Commission submission in summer. 	

INITIATIVE / ACTION	MILESTONES TO COMPLETE BY 2026 (Assuming funding)	LEAD AGENCIES	MILESTONE/ FUNDING STATUS	MILESTONE PROGRESS FROM APRIL 2023 to APRIL 2024
	TRANSPORTATION			
21. Prioritize public transit, walking, and biking (continued)				
Implement our ambitious bike, pedestrian, and Vision Zero infrastructure agenda	Implement projects to make biking and walking safe and accessible, including 31 major capital projects in partnership with DDC and DEP that will contribute to our Streets Plan goals	DOT	Delayed/ Partially Funded	<ul style="list-style-type: none"> In 2023, DOT installed 31.9 miles of new protected bike lanes, the most ever installed in a single year. The agency also hardened 10.3 miles of existing protected bike lanes and installed over 7,000 new bike parking spaces. All capital projects are proceeding, budget and staffing changes, several projects now have completion dates in 2027 or 2028.
Increase sidewalk cleanliness by expanding waste containerization	Public release of containerization report in spring 2023	DSNY	Completed	<ul style="list-style-type: none"> DSNY completed this milestone in May 2023 with publication of the report “The Future of Trash: Waste Containerization Models and Viability in NYC.” The report reflects the findings of a six-month study that included surveying best practices from peer cities across the globe, building a detailed model of waste generation in tonnage and volume at the block level, and performing analysis of market conditions for new fleet and equipment that would be required to make containerization a reality. In addition to completing this milestone, DSNY announced a new rule in June 2023 mandating all food-related businesses to put their trash in secure containers. In September, DSNY proposed another rule to expand this requirement to all commercial trash – approximately 20 million pounds per day – beginning March 1, 2024. In October 2023, DSNY announced a plan to containerize waste at 95% of residential properties. Beginning in the fall of 2024, buildings with nine or fewer residential units will be required to place all trash in secure containers, and in official NYC Bins beginning in the summer of 2026.
22. Ensure every New Yorker can access a bike or scooter				
Create the next generation of bike lanes and facilities so every New Yorker can travel safely and efficiently	Implement and evaluate multiple pilots	DOT	In Progress/ Funded	<ul style="list-style-type: none"> Wide bike lanes with bike corrals and other elements to support increase in micromobility ridership were installed on 9th, 10th, and 3rd Avenues in 2023. Plans are in development for at least three more corridors in 2024.
Create thousands of secure public bike parking spots, starting in 2025	Launch a secure bike parking program	DOT	Delayed/ Partially Funded	<ul style="list-style-type: none"> DOT is advancing a pilot program for secure bike parking with existing funds. DOT is pursuing opportunities to advance this work beyond the initial pilot, subject to available funding. DOT is preparing to release the RFP for the secure bike parking pilot program in spring 2024.
Expand dockless e-scooter and e-bike share systems	Make East Bronx and any additional service areas fully operational, if pursued	DOT	In Progress/ Funded	<ul style="list-style-type: none"> In October 2023, DOT released a Request for Proposals to continue e-scooter share service in the East Bronx, following the end of the initial pilot in August. The Queens e-scooter share expansion will include the same three companies currently operating in the Bronx (Bird, Lime, and Veo), with e-scooters primarily found in Streets Plan Tier 1 and Tier 2 Priority Investment Areas. The expansion will cover approximately 20 square miles in Eastern Queens, reaching roughly 600,000 residents. In February 2024, the City Council approved two pieces of legislation to increase e-bike safety regulations. Intro 19-A will require all businesses that sell e-bikes, e-scooters and other personal mobility devices powered by batteries to post lithium-ion or other storage battery safety informational materials and guides, and stipulates civil penalties for violations. Intro 21-A will enhance FDNY enforcement authority around the sale and rental of uncertified powered mobility devices, such as e-bikes and e-scooters, and will increase penalties for illegal device sales.

	INITIATIVE / ACTION	MILESTONES TO COMPLETE BY 2026 (Assuming funding)	LEAD AGENCIES	MILESTONE/ FUNDING STATUS	MILESTONE PROGRESS FROM APRIL 2023 to APRIL 2024
Improving Our Quality of Life	TRANSPORTATION				
	23. Help New Yorkers who must drive to drive electric				
	Ensure every New Yorker is no more than 2.5 miles from an EV fast-charging hub by 2035	Make seven fast charging stations on DOT sites operational Release citywide procurement for additional site released and select vendors	DOT	In Progress/ Funded	<ul style="list-style-type: none"> In May 2023, DOT announced a partnership with the New York Power Authority to create up to 13 new fast-charging stations at DOT lots and garages. Based on these investments and planned installations, over 93% of New Yorkers will be within 2.5 miles of a fast-charging hub by the end of 2025. DOT has fast charging stations in service at three municipal parking facilities at Delancey-Essex Street, Borough Hall, and Court Square. Two additional sites at White Plains Road and Bensonhurst are in design and construction, and three more sites are entering the design phase this year.
	Mandate that private parking garages and lots make EV charging available by 2030	Finalize administrative rules	DOB	In Progress/ Budget Neutral	<ul style="list-style-type: none"> In April 2024, the City adopted Intro 17 (2024), which amends the New York City Administrative Code and New York City Building Code in relation to electric vehicle supply equipment in open parking lots and parking garages. The legislation will require parking garages to have chargers at 20% of spaces and 40% with infrastructure to support chargers by 2035.
	Transition taxis and for-hire vehicles to EVs	Work towards making 25% or more of trips dispatched by Uber and Lyft in electric or wheelchair accessible vehicles	TLC	In Progress/ Unfunded	<ul style="list-style-type: none"> In October 2023, TLC adopted rules to establish the Green Rides Initiative, which requires the City's high-volume for-hire services – Uber and Lyft – to dispatch 100% of their trips to either zero-emission vehicles or wheelchair accessible vehicles by 2030. The rule sets annual benchmarks beginning at the end of 2024, when 5% of rideshare trips must be either zero-emission or wheelchair accessible – a first step that has already been achieved. The requirement increases to 15% at the end of 2025, 25% at the end of 2026, and will then increase by 20% annually until reaching 100% in 2030. The number and percentage of Uber and Lyft trips completed in an electric vehicle has increased rapidly, hitting 8.6% in February 2024 compared to 1.5% in 2023.
Electrify school buses by 2035	Incorporate electrification milestones into school bus vendor contracts	NYCPS	In Progress/ Partially Funded	<ul style="list-style-type: none"> In January 2024, New York City school bus vendors were awarded \$61M for 180 electric school buses through the US EPA's Clean School Bus Grant Program. This builds upon the 51 electric school buses previously awarded through the same program, more than quadrupling the size of the City's expected electric bus fleet. In January 2024, MOCEJ and NYCPS were also awarded \$1.8M in federal funding through the U.S. Department of Energy (DOE) Joint Office of Energy and Transportation's Ride & Drive Grant program, to support planning and coordination efforts needed to electrify New York City's school bus fleet. The City will leverage this funding to develop plans for a workforce development and training program for Electric School Bus Operations and Maintenance. These successful funding applications were supported by the Electric School Bus Task Force, launched in the fall of 2023 by MOCEJ and the Office of the Deputy Mayor for Operations to pursue grant funding for electric school buses. The task force has also convened school bus vendors to share funding opportunities and understand vendor needs for electrification. Additionally, in summer 2023, NYCPS began developing language to incorporate electrification milestones into contracts, which can be implemented when contracts are renewed in FY25. 	

	INITIATIVE / ACTION	MILESTONES TO COMPLETE BY 2026 (Assuming funding)	LEAD AGENCIES	MILESTONE/ FUNDING STATUS	MILESTONE PROGRESS FROM APRIL 2023 to APRIL 2024
Improving Our Quality of Life	FOOD				
	24. Reduce emissions of City agency food purchases 33% by 2030				
	Reduce carbon emissions of food purchases across City agencies 33% by 2030	Achieve a 33% reduction in GHG emissions from food purchased	MOFP	In Progress/ Partially Funded	<ul style="list-style-type: none"> • MOFP published an annual update of the estimated greenhouse gas emissions from City food purchases and updated the food purchasing dashboard to make data from fiscal years 2019 through 2022 publicly available. • MOFP is working with agency contracting teams to conduct bid pilots to improve the quality of food served across the city. • MOFP has also been working to advance the Good Food New York bill, which would allow New York City to grant a 10% price preference, within some food-related contracts, for food that aligns with one or more of the Good Food Purchasing values (local economies, environmental sustainability, valued workforce, animal welfare, and nutrition). • With funding from the Carbon Neutral Cities Alliance, MOFP is supporting the implementation of plant-based culinary training for all New York City Department of Correction and New York City Administration for Children's Services cooks to increase the number of delicious, healthy, low-carbon meals while investing in the city's workforce.
	25. Promote reduction in institutional food-related emissions 25% by 2030				
	Promote reduction in institutional food-related emissions 25% by 2030	Implement private sector Plant-Powered Carbon Challenge for food purchased by companies and other partners.	MOFP	In Progress/ Funded	<ul style="list-style-type: none"> • In the first year of the Plant-Powered Carbon Challenge, 12 national and New York City-based institutions signed on to the Challenge and committed to reducing their food-based carbon emissions by 25% by 2030 through plant-powered food. Signatories include higher education institutions, corporations, catering and hospitality groups, healthcare systems, philanthropic and environmental organizations, and global foodservice brands. • In April 2024, Mayor Adams announced and recognized the inaugural Challenge signatories at MOFP's Plant-Powered Carbon Challenge Anniversary Event. Following the anniversary event, MOFP will be reaching out to additional city institutions and global brands to recruit new partners for the Challenge and to work with companies looking to advance plant-forward initiatives outside of the Challenge requirements.
	26. Reduce emissions from commercial cooking				
	Require retrofitting of charbroilers by 2027	Promulgate rule by December 2024 (with effective date December 2027)	DEP	In Progress/ Budget Neutral	<ul style="list-style-type: none"> • The rule to regulate existing underfired charbroilers in commercial cooking is on track be promulgated by the end of 2024.
Develop an NYC Restaurant Accelerator Program to assist businesses with compliance	Put program in place by December 2024	DEP	In Progress/ Partially Funded	<ul style="list-style-type: none"> • DEP is currently developing this program. 	

	INITIATIVE / ACTION	MILESTONES TO COMPLETE BY 2026 (Assuming funding)	LEAD AGENCIES	MILESTONE/ FUNDING STATUS	MILESTONE PROGRESS FROM APRIL 2023 to APRIL 2024
Improving Our Quality of Life	FOOD				
	27. Support NYC's watershed farmers in expanding sustainability practices and food production				
	Advance agricultural best management practices to improve GHG reduction and carbon sequestration	Complete study on climate impacts of BMPs in collaboration with Columbia Climate School and the Watershed Agricultural Council	DEP	In Progress/ Funded	<ul style="list-style-type: none"> In November 2023, DEP held a kickoff meeting with Columbia Climate School, the Watershed Agricultural Council (WAC), and watershed agricultural stakeholders for the "Addressing Climate Challenges to Agriculture and Water Quality in the New York City Watershed" project. The project is scheduled for completion and the report is on track for a 2026 release.
Create an incentive program to support farmers in the New York City watershed who expand agricultural production of fruits and vegetables	Launch incentive program by 2024	DEP	In Progress/ Funded	<ul style="list-style-type: none"> The WAC launched a pilot micro-grant program to provide up to \$5,000 for farmers in the New York City watershed to expand agricultural production of fruits and vegetables. A scoring committee comprised of WAC staff, the WAC Council Directors, and a DEP representative awarded grants to 11 applicants for a total of \$51,624 in funding, far exceeding the initial budgeted amount of \$20,000. The City was able to work with WAC to use other surplus funds to ensure that all approved grants were awarded. Once grant projects are implemented during the 2024 growing season, DEP will collect data and feedback to inform plans for potentially making this a permanent micro grant available every year. 	

INITIATIVE / ACTION	MILESTONES TO COMPLETE BY 2026 (Assuming funding)	LEAD AGENCIES	MILESTONE/ FUNDING STATUS	MILESTONE PROGRESS FROM APRIL 2023 to APRIL 2024
	GREEN ECONOMY			
28. Grow NYC's green workforce				
Position New Yorkers for fulfilling green economy careers	Launch new and expand existing talent development programs in green economy sectors	NYC Talent/ MOCEJ/ EDC	In Progress/ Unfunded	<ul style="list-style-type: none"> • See the “Cultivate the offshore wind sector” initiative below for updates on offshore wind training and workforce development programs. • See the “Establish a Green Economy Advisory Council” initiative below for details on the release of the Green Economy Action Plan and strategic planning and stakeholder engagement underway to develop New York City’s green economy job pathways. This includes the launch of Community Hiring, a new initiative that will allow City agencies to set hiring goals on their vendor contracts to provide employment and apprenticeship opportunities to eligible candidates. NYC Talent and EDC, along with other City agencies and private partners, will work to implement place-based workforce strategies to ensure that the city’s green economy translates to good jobs for New Yorkers. • MOCEJ, SBS, and NYC Talent are also pursuing federal funding through the IRA Climate Ready Workforce grant to support additional job training opportunities in the green building operations and maintenance sector.
Cultivate the offshore wind sector to provide residents with opportunities for economic mobility	Upgrade the South Brooklyn Marine Terminal for offshore wind (OSW) and enable OSW workforce opportunities for thousands of New Yorkers	EDC/CUNY	In Progress/ Funded	<ul style="list-style-type: none"> • New York City’s first dedicated OSW port facility at South Brooklyn Marine Terminal (SBMT) is rapidly moving toward construction. Construction mobilization began in April 2024 and substantial completion of SBMT port infrastructure construction is anticipated by the end of 2026. The SBMT port facility will be used to build Empire Wind 1, the first utility scale offshore wind farm with a direct connection to New York City, which will deliver 810 MW of renewable electricity directly into the electric grid in Sunset Park, Brooklyn. Additionally, over the coming decades, SBMT will be home to Equinor’s long-term OSW operations and maintenance base. Additionally, the port will be used to stage and marshal the construction of additional OSW projects in the NY Bight to help achieve the 9 GW of OSW goal by 2035, as mandated by the New York State Climate Leadership and Community Protection Act. • In October 2023, Equinor, in partnership with EDC, announced eight winners of a \$5M Offshore Wind Ecosystem Fund, supporting Environmental Justice community training, workforce development, and supply chain development in the OSW industry. Moving forward, EDC will seek to coordinate with the developers of several New York OSW projects to continue to build career pipelines for New Yorkers. • In January 2024, EDC launched the OSW Welding Training program in partnership with Kingsborough Community College. Additionally, more than 600 students RSVPed to EDC’s OSW & Maritime Career Awareness Fair, held on April 18, a week prior to Earth Week 2024, at Manhattan Cruise Terminal and include dozens of industry representatives.
Establish a Green Economy Advisory Council in 2023	Launch a new industry engagement platform in 2023 for green economy stakeholders to drive innovation, unify NYC’s climate tech ecosystem, and share best practices	EDC	Completed	<ul style="list-style-type: none"> • In February 2024, EDC, in partnership with the Mayor’s Office of Talent and Workforce Development (NYC Talent), released the Green Economy Action Plan – a first-of-its-kind plan roadmap to growing the city’s green economy. The plan is informed by engagement with more than 100 stakeholders across the green economy – including businesses, unions, workforce organizations, New Yorkers already working in the green economy, and government agencies. • As outlined in the Green Economy Action Plan, EDC will form the Green Economy Advisory Council, composed of leading community, business, and nonprofit stakeholders that are critical players in NYC’s green economy and around the globe, making flagship commitments to address the climate crisis and capture economic opportunity.
Activate New York City’s climate resource hubs and natural areas for workforce development	Select an anchor education and research institution for the Center for Climate Solutions on Governors Island in 2023	Mayor’s Office	Completed	<ul style="list-style-type: none"> • In April 2023, Mayor Adams and the Trust for Governor’s Island selected The New York Climate Exchange as the anchor institution for the Governor’s Island Climate Solutions Center, completing this initiative milestone. • The Mayor’s Office of Housing, Economic Development, and Workforce is leading the work on next steps with the Trust for Governor’s Island and New York Climate Exchange, with campus construction expected to start in FY25. • NYC Talent is piloting the launch of a training facility at the New York Climate Exchange, with the goal of serving 100 trainees per year in early-phase programs.

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GREEN ECONOMY				
29. Support entrepreneurship and industry innovation				
Launch new partnerships and projects in 2023 to support the growth of sustainability-focused biotechnology and materials innovation	Launch the sustainability-focused biotech center at the Brooklyn Navy Yard and the Materials Innovation Hub by 2026	EDC	In Progress/ Funded	<ul style="list-style-type: none"> • EDC released the Materials Innovation Hub Request for Expressions of Interest (RFEI) to the public, interviewed RFEI respondents in October 2023, and is pursuing a path forward for announcement of a selected respondent. • EDC is finalizing plans and programming with key strategic partners for the sustainability-focused biotech center at the Brooklyn Navy Yard, with an announcement planned for later in 2024.
Launch and expand climate technology innovation, commercialization, and scaling opportunities across local industries	Support at least 20 companies per year in successfully commercializing, demonstrating, deploying, and/or scaling their climate tech solutions	EDC/DOT/ DCAS/ NYCHA	In Progress/ Funded	<ul style="list-style-type: none"> • In September 2023, EDC announced the activation of one of its flagship assets, the Brooklyn Army Terminal in Sunset Park, for climate innovation pilot projects allowing companies to test and scale their technologies in live environments. The program will allow companies to pioneer groundbreaking technology and solve city challenges around energy, transportation, and building decarbonization. EDC's Sunset Park Portfolio features over 200 acres of waterfront space and assets that provide unique opportunities for industries of the future. • The program supported three companies at launch and is continuing to support additional companies every quarter, with three additional pilots going live in spring 2024. The third cohort of companies will begin in summer 2024. • Additionally, Resilient Energy Studio and Urban Tech Hub partner Newlab kicked off a first-of-a-kind energy storage pilot scope in partnership with an energy storage developer and New York-based startup company. The current pilot scope, developed in partnership with and informed by MOCEJ, DOB, EDC and FDNY stakeholders, will follow a novel energy storage technology category to inform updates to fire and building code and advance the City's clean construction policy goals. • Through the DOT Innovation Studio program with Urban Tech Hub partner, Newlab, New York City's first outdoor public charging facilities are now online at Manhattan's Cooper Square, the Brooklyn Army Terminal in Sunset Park, Essex Market in the Lower East Side, Plaza De Las Americas in Washington Heights, and Willoughby and Jay Streets in Downtown Brooklyn. The projects are part of a citywide micromobility pilot network under the "Mayor's Charge Safe Ride Safe Action Plan," to support safe E-Bike Use and Prevent Deadly Lithium-Ion Battery Fires. Three charging solutions are participating in this pilot, which recruited delivery worker user testers from organizations like Los Deliveristas Unidos.
Launch portal to connect public agencies with private startups and investors by 2024	Develop and launch web portal to consolidate citywide innovation opportunities and startup resources	EDC/OTI	In Progress/ Funded	<ul style="list-style-type: none"> • EDC and Cornell Tech released a report focused on the portal – Pilot: New York City – in November 2023.
Provide resources to attract international investments in climate technologies	Launch a Global Climate Tech Hub to scale mid-sized climate tech companies entering the NYC market	EDC	In Progress/ Partially Funded	<ul style="list-style-type: none"> • EDC has been able to advance this work by embedding it into the Manhattan Commercial Revitalization (M-CORE) program. M-CORE provides commercial office building owners with a range of tax benefits to support transformative renovations of office buildings located in Manhattan south of 59th Street.

INITIATIVE / ACTION	MILESTONES TO COMPLETE BY 2026 (Assuming funding)	LEAD AGENCIES	MILESTONE/ FUNDING STATUS	MILESTONE PROGRESS FROM APRIL 2023 to APRIL 2024
GREEN ECONOMY				
30. Launch new climate education and training programs for public schools				
Building the Green Economic Engine	Integrate climate education in public school classrooms across all subjects and grade levels	NYCPS	In Progress/ Funded	<ul style="list-style-type: none"> NYCPS has made significant progress on all initiatives, including launching a Climate Certification, or Climate Action Challenge this school year, with a Recognition Ceremony planned for June.
	Train up to 1,000 teachers by 2026 to deliver climate education content	NYCPS	In Progress/ Funded	<ul style="list-style-type: none"> NYCPS launched a Climate Institute to train educators in partnership with the Division of Teaching & Learning and the United Federation of Teachers. Five hundred teachers and school-based staff and 42 partner organizations attended the inaugural session, with 250 more teachers waitlisted, demonstrating the high level of demand. Additionally, NYCPS has been developing and integrating instructional resources aligned to core curricula for all content areas and has implemented a teacher-developed/teacher-led professional learning program – Building Community Resilience in a Changing Climate – for grade 3-12 teachers. Three sessions are running from January through April 2024, and aim to activate student citizen science and knowledge of environmental justice topics, data, and challenges. NYCPS is also developing a series of after-school professional learning sessions for PreK-12 educators to support classroom instruction on climate justice. NYCPS is also facilitating over 15 Food and Climate Education Professional Learning Opportunities from March through June 2024. This summer, NYCPS is partnering with Columbia University’s Teachers College to provide a National Science Foundation grant-funded Summer Climate Institute series for middle school teachers.
	Launch an annual Climate Action Day in the 2023-2024 school year	NYCPS	In Progress/ Funded	<ul style="list-style-type: none"> By planning four Climate Action Days for public schools during the current school year, NYCPS surpassed its PlaNYC goal of organizing just one. Three focused on Waste; Energy; and Health, Wellness, and Green Space have already been completed, with a fourth focused on Water set for June. NYCPS trained and guided 1,000 school staff from 715 schools through the newly created Climate Action Day Guide, which includes dozens of step-by-step roadmaps and resource directories.
	Launch new Career Connected Learning Programs for public school students dedicated to green job training and placement	NYCPS	In Progress/ Partially Funded	<ul style="list-style-type: none"> NYCPS’s “Exploring Sustainability and Green Careers” career exploratory class is currently being taught in 10 pilot participating schools with teachers engaging in multiple professional learning and focus group workshops to adjust curricula using teacher feedback. NYCPS is also partnering with Solar One for school visits with hands-on demonstrations and lessons for students. NYCPS is working closely with Hertz to integrate electric vehicle maintenance and repair into automotive repair Career & Technical Education (CTE) programs, including using cars donated from Hertz to CTE schools for student training and upskilling teachers. NYCPS is also providing green-focused Work-Based Learning (WBL) opportunities for students and supporting Solar One in recruiting students from a pilot course for green-focused WBL opportunities and internships.

INITIATIVE / ACTION	MILESTONES TO COMPLETE BY 2026 (Assuming funding)	LEAD AGENCIES	MILESTONE/ FUNDING STATUS	MILESTONE PROGRESS FROM APRIL 2023 to APRIL 2024
WASTE & CIRCULAR ECONOMY				
31. Collect organic materials and turn into energy and reusable assets				
Launch citywide curbside organics by 2024	n/a (goal is 2024)	DSNY	In Progress/ Funded	<ul style="list-style-type: none"> In October 2023, DSNY launched curbside organics collection in Queens and Brooklyn, and is on track for citywide service by the end of 2024. This follows the enactment of Local Law 85 in July 2023, which requires the City (DSNY) to establish a mandatory citywide organics collection program for residential organic waste separation in New York City.
Expand commercial organics separation requirements to all food businesses by 2026	Expand commercial organics separation requirements	DSNY	Not Started/ Unfunded	<ul style="list-style-type: none"> This initiative is contingent on the implementation of commercial waste zones beginning in 2024.
Leverage existing DEP infrastructure to process collected organics into biogas and compost within the city as much as possible	Complete Citywide Organics Study	DEP	In Progress/ Partially Funded	<ul style="list-style-type: none"> Although this study is currently paused, DEP has completed a significant amount of work, including completing a literature review and a material flow model of the city's organic waste streams. Initial completed research will be incorporated into DEP's long-term and strategic planning to advance a circular economy for organics.
	Complete construction of new anaerobic digester complex at Hunts Point WRRF	DEP	In Progress/ Funded	<ul style="list-style-type: none"> Construction is ongoing for the digester complex with expected completion in 2027. To further the City's goal to use DEP infrastructure to process organic waste, DEP has requested that a feed-in station to receive food waste and gas-to-grid system to export excess biogas be added to the digester contract to make receiving capacity available as soon as the digesters are online. DEP is pursuing federal funding to advance the digester project.
32. Develop new markets and expand recycling and reuse				
Expand production and use of recycled asphalt	Expand production and use of recycled asphalt	DOT	In Progress/ Partially Funded	<ul style="list-style-type: none"> The rebuild of DOT's Harper Street Asphalt Plant is currently in development. When complete, it will enable DOT to increase its use of recycled asphalt, avoiding two million miles of annual truck trips carrying milled asphalt to landfills, and increasing the amount of City-produced asphalt from 50% of the asphalt used by the City to approximately 75%. Additionally, all City capital agencies beholden to Clean Construction Executive Order 23 – which requires the City's capital project agencies to commit to actions that will lower embodied carbon – have expressed interest in convening a Construction and Demolition Waste working group in 2024 to evaluate current waste and reuse practices in City projects and align on best practices.
Expand NYC Parks' tree wood reuse pilot	<p>Salvage trees removed in the Tibbetts Brook daylighting project</p> <p>Develop draft language for capital project scopes to include reuse opportunities for Parks projects</p>	NYC Parks	n Progress/ Funded	<ul style="list-style-type: none"> Over the past year, Parks has analyzed existing contracts to identify and establish tree wood reuse language to include in future capital project scopes. Parks has worked with DEP to incorporate wood salvage specifications into the Tibbetts Brook contract in Van Cortlandt Park. In collaboration with DSNY, Parks continues to work to identify a location for processing wood for reuse. Additionally, Parks collaborated with the Battery Park City Authority to salvage six logs from their resiliency project in Battery Park.
Expand the Clean Soil Bank program by 2030	Expand soil bank operations from 2 to 3 days/week	OER	n Progress/ Funded	<ul style="list-style-type: none"> OER is continuing to work with agencies to bring Clean Soil Bank soils into city projects. OER is continuing to develop specifications that satisfy agency needs.