



CITY OF BALTIMORE Climate Action Plan

Baltimore Planning Commission Meeting

October 12, 2023



CAP BACKGROUND



Overview

- First Climate Action Plan (CAP) was approved in 2012
- Lessons learned directing the 2023 update:
 - Equity is the filter for goals and actions and will be applied when developing implementation strategies.
 - Include a financial analysis and implementation roadmaps for key activities
 - Vet actions to model impacts such as green house gas emission (GHG) reduction and community benefits



CAP Purpose

To guide City actions and City-community partnerships toward carbon neutrality in a way that:

- enhances urban sustainability;
- improves quality of life;
- enhances co-benefits;
- addresses equity and climate justice; and,
- builds a healthier city for current residents and future generations.



In January 2022, Mayor Scott set new GHG emissions reductions targets for the city, including a carbon neutrality goal:

- **30% reduction in carbon emissions by 2025 (relative to 2007)**
- **60% reduction by 2030 (relative to 2007)**
- **Carbon Neutrality by 2045**



CAP CONTENT



Contents Overview

The Purpose of Our Climate Action Plan

Why we are focusing on climate action, the journey so far, and how we collected input from City stakeholders

How We're Taking Action

What actions will Baltimore take to reduce greenhouse gases.

Our Targets to Reduce Greenhouse Gases

Where do our emissions come from, what might this look like in the future, and how can we achieve our goal of carbon neutrality.

Carrying Out Our Plan

How will we work with you to implement the plan, fulfill our promises, pay for climate action, and how you can help.



Guiding Principles

Center equity by addressing unequal environmental burdens.

Recognize that environmental, social, and economic well-being is interconnected to **protect both our communities and the natural environment.**

Climate resilience and sustainability is fundamental to improving the health, safety, and quality of life.

Seek to **create co-benefits for the people, economy** and through climate action.

Consider long-term impact and benefits in policy development and financial decision making.

Strategically and meaningfully **engage the public in climate resiliency planning** and in climate action.

Foster inter-agency and cross sector collaboration in climate resiliency planning and climate action.

Value, preserve, steward and promote our assets for future generations.

Redesign, reduce, reuse, recycle and compost and recirculate.

Leverage City general funds, investments, infrastructure or capital projects.



Climate Targets

In 2022, the Scott Administration set **Baltimore's strongest climate action targets to date** to reduce emissions (compared to a 2007 baseline) by:

2025

30%

reduction in emissions

2030

60%

reduction in emissions

2045

Net zero

greenhouse gas emissions

Definitions

Greenhouse gases are gases made when we burn fossil fuels. They trap heat, causing climate change.

Emissions refers to the production and release of greenhouse gases into the air.

Net Zero (carbon neutral) means balancing the greenhouse gas emissions we create with the greenhouse gas emissions we remove from the air.



Focus on Equity & Climate Justice

This plan was made with equity and fairness in mind.

- Low-income people and people of color typically face greater challenges from climate change.
- The City will **reduce greenhouse gas emissions in a fair way**, while giving the most help to frontline communities.
- We **spoke with people from frontline communities** to make sure their voices were heard.



Our Journey So Far

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Community Engagement	←-----→											
GHG Analyses												
Development & Prioritization of Actions		←-----→										
Fiscal Impact Analysis & Implementation Roadmaps						←-----→						
Draft Plan Development & Review									←-----→			
Public Comment Period										←-----→		
Release Final Plan!												☆☆

We are here!



Getting Everyone Involved

2300

UNIQUE
ENGAGEMENTS

Number of Individuals the CAP team engaged throughout the CAP process

10

MEETINGS & 14 RESIDENTIAL
ADVISORY COUNCIL (RAC)
MEMBERS

RAC members provided feedback on engagement process & plan to ensure we are meeting our goals

4

MEETINGS & 28 TECHNICAL
ADVISORY COUNCIL (TAC)
MEMBERS

TAC members provided feedback on technical analysis and implementation roadmaps to ensure we are meeting our goals

400

SURVEYS DROPPED
OFF AT 27 LOCATIONS

12 West Baltimore, 7 East Baltimore, 3 North Baltimore, 5 South Baltimore

95

CAP ENGAGEMENT
EVENTS

Events the CAP team attended

500

SURVEY
RESPONSES

Individuals who participated in Baltimore's CAP Public Survey

350

WORKSHOP
SIGN-UPS

Individuals who expressed interested in engaging with CAP workshops

51

ORGANIZATIONS
CONTACTED ONLINE

Baltimore City non-profits, community groups and more contacted via email

200

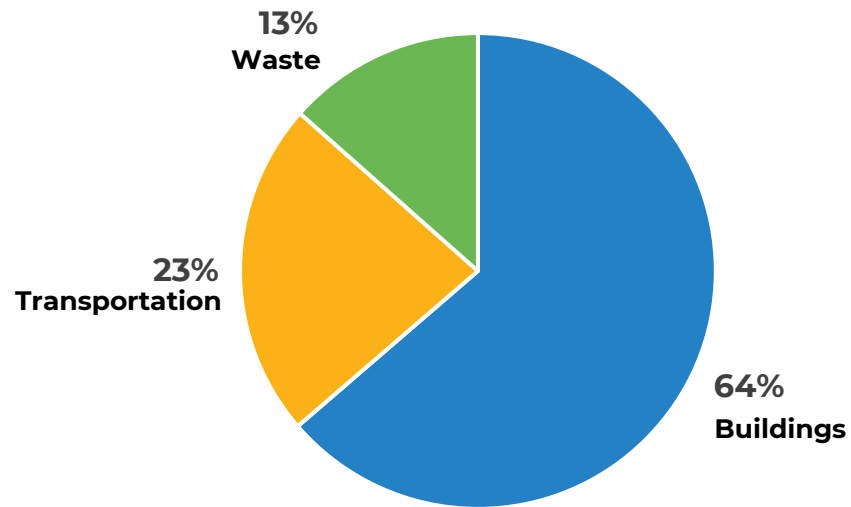
WORKSHOP
ATTENDEES

Individuals took part in in-person & online workshops in Spring 2023

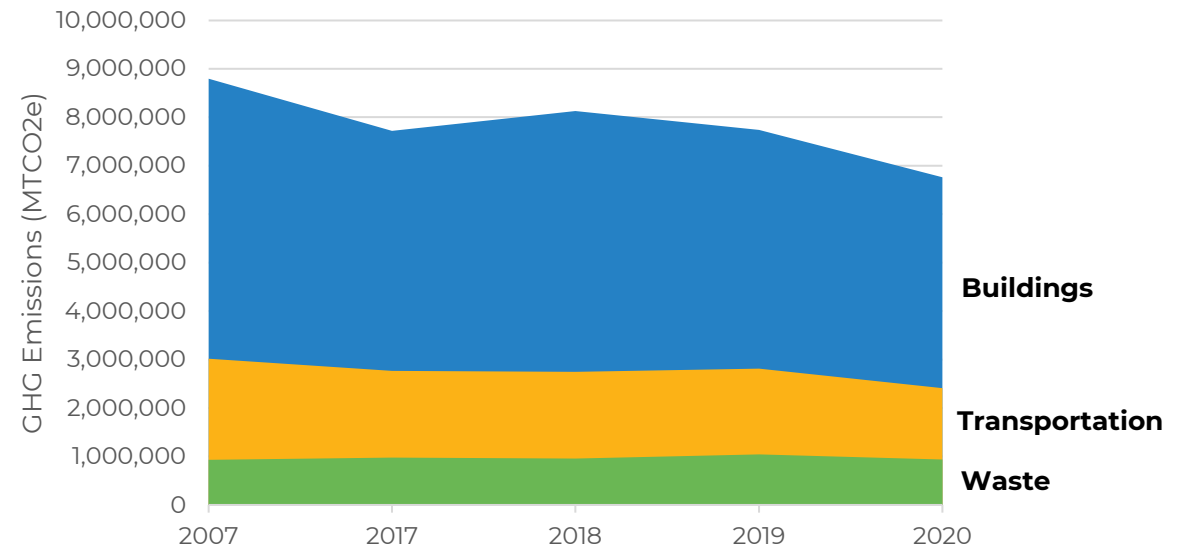


Baltimore's Emissions Sources

2019 City-wide GHG Emissions (MTCO₂e)

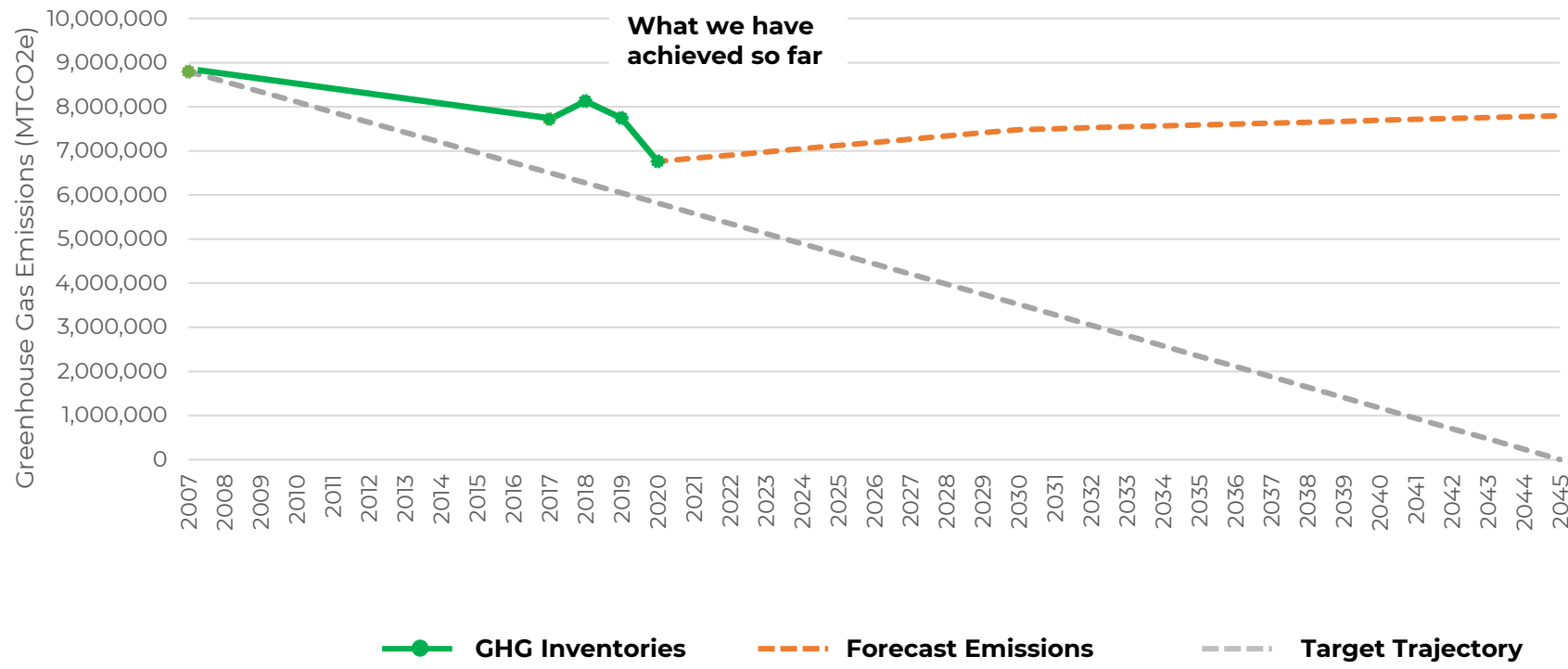


City-wide Greenhouse Gas Emissions Trends



Greenhouse Gases in 2045

Community Greenhouse Gas Emissions Forecast and Target Trajectory



What might happen if we do nothing

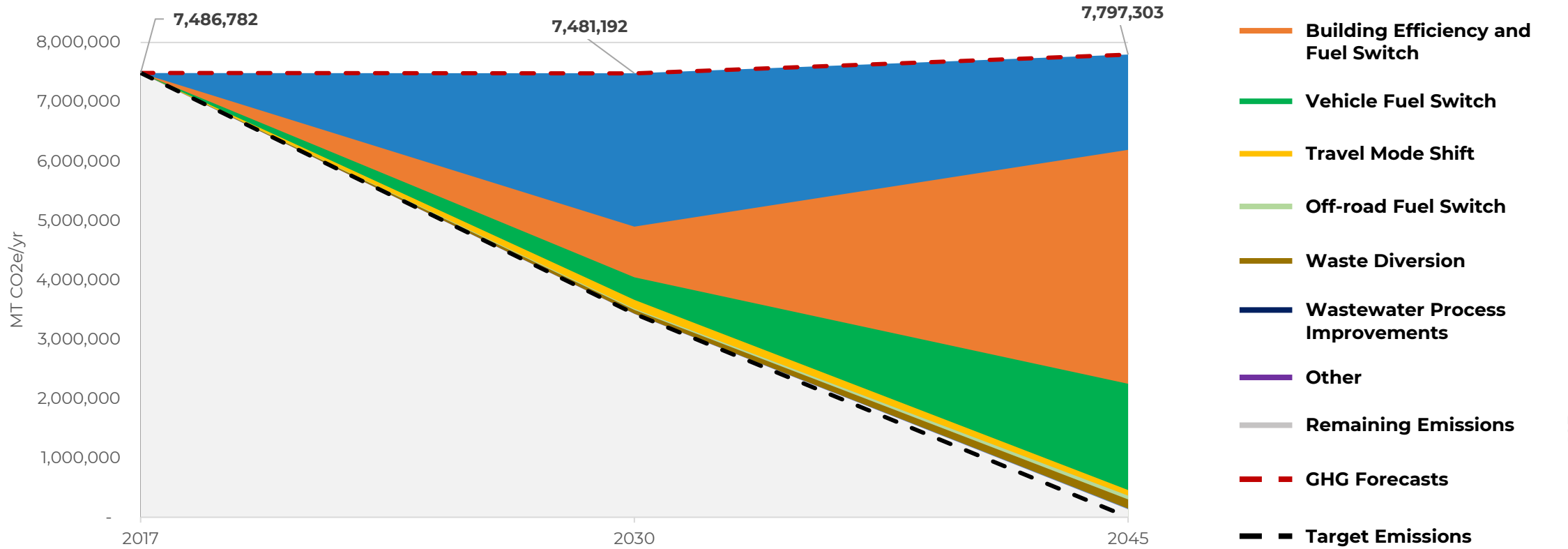
What we are trying to achieve

—●— GHG Inventories
 - - - Forecast Emissions
 - - - Target Trajectory



Pathway to Reduce Greenhouse Gases

2045 Greenhouse Gas Reduction Pathway



How Can We Get To Carbon Neutral?

Implementing these strategies now will help the City reach its 2045 target.

Emission Sources	City-wide 2030 Greenhouse Gas Reduction Strategy
Buildings (64% of 2019 emissions)	95% of the electricity used by the city is from clean energy sources 25% of fossil fuel building equipment and appliances are converted to highly efficient electric options
Transportation (23% of 2019 emissions)	22% of vehicles used in the city are electric or produce zero emissions. 10% of the total vehicle miles traveled in the city are reduced by switching to active or public transportation
Waste (13% of 2019 emissions)	42% of waste generated in the city is diverted from landfill 5% of waste generated in the city is reduced 15% of off-road equipment is electric or produce zero emissions 5% of wastewater emissions are reduced



ACTIONS WE WILL TAKE



Actions Focused on Buildings

What We Heard

Provide incentives for building upgrades

Focus on large property owners, landlords, and low-income neighborhoods

Protect renters



What Actions we will take

Electricity That Powers Our Buildings

Help more people put up solar panels or use other low- or zero-emission energy sources in their homes and neighborhoods.

Make sure our houses and buildings are solar-ready, which means they are set up in a way that makes it easy to have solar panels on the roof in the future

Buildings We Live In

Decrease the amount of energy our buildings use.

Help people switch from natural gas and heating oil to electricity or zero-emission options.



Actions Focused on Buildings

What Actions we will take: **Electricity that Powers Our Homes**

Community Actions	E1	Promote Renewable Energy Incentive Programs
	E2	Implement Solar-Ready Requirements on New Construction
	E3	Partner with Utilities to Improve Electric Infrastructure
Municipal Actions	E4	Purchase Clean Electricity for City Government Operations
	E5	Require Solar-Ready for City Government Facilities
Additional Actions	E6	Coordinate with Partners to Advance Solar



Actions Focused on Buildings

What Actions we will take: **Buildings We Live In**

Community Actions	B1	Incentivize Energy Efficiency and Electrification Retrofits	Municipal Actions	B6	Create Net-Zero Plan for City Government Facilities
	B2	Propose Green Zoning Regulations		B7	Create Energy Benchmarking Policy for City Government Facilities
	B3	Adopt Single-Family Residential Green Building Standard		B8	Implement Energy Audits and Retro-Commissioning for City Government Facilities
	B4	Require Fossil Fuel Free New Construction		B9	Require Fossil Fuel Free New Construction for City Government Facilities
	B5	Develop a Residential Energy Efficiency and Electrification Program	Additional Actions	B10	Enhance Green Construction Code Compliance
		B11		Require Point of Sale/Lease Electrification Ordinance	

Actions Focused on Transportation

What We Heard

Install more protected active transportation infrastructure

Improve public transit options and service

Prioritize active/public transit options over electric vehicles



What Actions we will take

Transportation We Use to Get Around

Make it easier to get around by biking, walking, and taking the bus or train.

Build neighborhoods that have homes, workspaces, and shops close together.

Make it easier to charge electric vehicles.

Make it easier to share electric cars between neighbors.

Make it easier to carpool and vanpool to work.



Actions Focused on Transportation

What Actions we will take: **Transportation We Use to Get Around**

Community Actions	T1	Improve Active Transportation Infrastructure	Community Actions	T9	Require or Incentivize Active Transport-Friendly Development
	T2	Support Transit-Oriented Communities		T10	Promote EV Sharing
	T3	Implement Revised Parking Standards and Encourage Developers to Reduce Parking		T11	Expand Public EV Charging Network
	T4	Promote and Expand Existing Commute Trip Reduction Programs		T12	Promote Zero-Emission Bus Transition
	T5	Incentivize Micromobility		T13	Promote Electric Car Share and Ride Share
	T6	Establish Car-Free Zones		T14	Work with Gas Stations to Install EV Chargers
	T7	Improve Transit for Low-Income Neighborhoods			
	T8	Partner with Rideshares to Improve Paratransit			



Actions Focused on Transportation

What Actions we will take: **Transportation We Use to Get Around**

Municipal Actions	T15	Incentivize Programs for Sustainable Commuters
	T16	Enhance Awareness of Alternative Transport for Staff
	T17	Transition to Zero- or Low-Emissions Fleet
	T18	Develop a Plan to Transition City to Low- or Zero-Emission Off-Road Vehicles and Tools
Additional Actions	T19	Support State Public Transit Efforts



Actions Focused on Waste

What We Heard

Provide more education/outreach on reducing and diverting waste

Promote composting and food recovery



What Actions we will take

Waste We Throw Away

Make it easier to compost food scraps.

Help people create less trash.

Reduce the amount of water we use.

Use less energy to clean our wastewater.



Actions Focused on Waste

What Actions we will take: Waste We Throw Away					
Community Actions	W1	Implement Citywide Composting	Municipal Actions	W8	Establish Emissions Plan for Wastewater Facilities
	W2	Enhance Existing Organic Waste Diversion Policy		W9	Establish Sustainable Procurement Protocol
	W3	Develop Waste Diversion Incentives		Additional Actions	W10
	W4	Partner with Circular-Economy Local Businesses	W11		Explore Reducing Energy Use at Wastewater Facilities
	W5	Establish Waste Community Leaders	W12		Develop Construction and Demolition Waste Diversion Pathways
	W6	Coordinate Citywide Food Rescue Program			
	W7	Encourage Water Savings Program			



Other Actions We Need to Take

What We Heard

Provide centralized guide on existing and new programs

Deliver education/outreach through trusted messengers

City should lead by example



What Actions we will take

Other Actions

Many of these actions help improve communication between the Baltimore City government and the community.

Additional Actions

The additional actions are climate actions that residents suggested after the prioritization process. Even though these actions didn't go through the evaluation and prioritization process, they need to be included in this plan



Other Actions We Need to Take

What Actions we will take		
Community Actions	01	Develop Centralized Tool for Climate Actions
	02	Create an Education and Outreach Program
Additional Actions	03	Create a Heat Management Plan
	04	Improve Distribution of Climate-Relevant Data
	05	Partner with Institutions to Inform Climate Action Plan Implementation



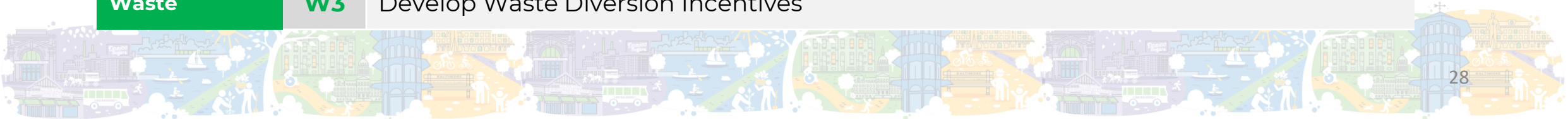
CAP IMPLEMENTATION



Implementation Roadmaps

The **implementation roadmaps** show how to approach these actions in the next ten years. Roadmaps were developed for:

Buildings	B4	Require Fossil Fuel Free New Construction
	B5	Develop a Residential Energy Efficiency and Electrification Program
	B6	Create Net-Zero Plan for City Government Facilities
Transportation	T2	Support Transit-Oriented Communities
	T3	Implement revised parking standards and encourage developers to reduce parking
	T4	Promote and Expand Existing Commute Trip Reduction Programs
	T7	Improve Transit for Low-Income Neighborhoods
	T9	Require or Incentivize Active Transport-Friendly Development
	T11	Expand Public EV Charging Network
Waste	W3	Develop Waste Diversion Incentives



Working With Our Partners

To put this plan into action, we will work with our partners and provide opportunities for input, including from young people. Our goal is to **build good connections with everyone.**

Community Resiliency Hubs

Baltimore Commission on Sustainability

Healthcare Organizations

Mayor's Sustainability and Resilience Subcabinet

Baltimore Communities

You!

Community Based Organizations

Future Climate Leaders

Non-profit Organizations

Educational Institutes

Baltimore City Departments

Professional Organizations



FEEDBACK FROM PUBLIC MEETING: OCTOBER 4



Feedback from Public Meeting

- Overview presentation & breakout discussions by topic
- Attended by approximately 17 members of the public
- Key themes from the discussion:
 - Working with community members and organizations
 - Making documents accessible to immigrants /non-English speakers
 - Reducing barriers for getting grants and other funding to the community



Feedback from Public Meeting

ENERGY

Research assistance - collaborative community research

Working with community members to figure out policies for climate adaptation

Include community members in reesea and policy development

Green & Healthy Homes - brings in contractors to help address mold and weatherization - they can help with other improvements to compliment solar

Neighborhood Sun (and/or other community solar projects)

Letting people know about community solar as an option for those who can't install solar on homes

Carports that have solar on top - options other than roofs

Look for organizations or Mayor's Office who can find grant money to support solar projects - Department of Energy & Federal Infrastructure Plan

Look to other counties (Prince Georges) for examples of municipal programs

WASTE

Educate neighbors - still working on education around recycling, compost is a whole other level

Non-profit invited University of MD Extension reps to teach community members (new recipes, nutritional info) - great way to promote trying new things and increased thoughtfulness about food intake and food waste

Small bins vs. very large bins (Right-sizing the bins) - size is a big factor in what they decide to do with their waste. Offer smaller trash bins and larger bins for recycling and compost.

Make it convenient to do the right thing.

Portland - stickers in windows for businesses participating in sustainability (waste reduction) programs

Free Municipal Compost Day

Education around triple bottom line benefits (cost-savings) associated with composting vs. traditional waste management

State composting bill - but it does not yet apply to neighborhood small businesses.

BUILDINGS

BGE (Empower) Newsletter - talks about different funding for individual homeowners

Put information about funding opportunities in community and organization newsletters

Critical service - identifying grants and facilitating applications for grants. if people are eligible only in theory, it's not working.

Make it so it is less work for people to do on their own to take advantage of opportunities.

TRANSPORT

how to manage communities that are anti-bike lanes?

advocating for walkability and bikeability and convincing others that they are important

GENERAL

working more intimately with community leaders and neighborhood associations

HOW TO PROVIDE FEEDBACK?



Public Review

- Period runs from **October 1 to October 31, 2023**
- **Comments will be collected online using Konveio**
- Continue outreach and engagement strategies from previous phases of the planning process
- Toolkits have been made available to help partners and community groups promote the public comment period



How to use Konveio

Go to our Konveio online page: <https://baltimoreplanning.konveio.com/climate-action-plan>

1. Click on the Climate Action Plan icon
2. To provide your feedback, you will need to:
 - Log in, if you already have an account
 - Register, if you haven't used Konveio before
3. Please review the plan and share your comments by using the integrated tools
4. If you need further guidance, please review the tutorials available here:
<https://urbaninteractivestudio.zendesk.com/hc/en-us/sections/360002448672-Participant-Guide>



Click anywhere in the document to add a comment. Select a bubble to view comments.

Navigate the plan here

See other people's comments

Add your own comments by clicking anywhere

is expected to exacerbate many of these natural hazard impacts resulting in intense and unpredictable events. Regardless of the reduction of greenhouse gas emissions (GHG), climate change impacts will continue to prevail for the City and its people.



Hazard mitigation encompasses all natural hazards, including short-term and episodic events that may or may not be connected to climate change. Climate adaptation is focused on reducing risks to and mitigating climate change impacts.

As natural disasters increase in frequency and intensity, the need for supporting hazard mitigation and climate adaptation plans is greater than ever. A community implements a form of hazard mitigation by adapting to the expected impacts of climate change. An HMP that

addresses climate change in the risk assessment and includes adaptation actions in the mitigation strategy can reduce the community's risk to current and future events (FEMA 2022).

1.1.1.2 Role of Social Vulnerability

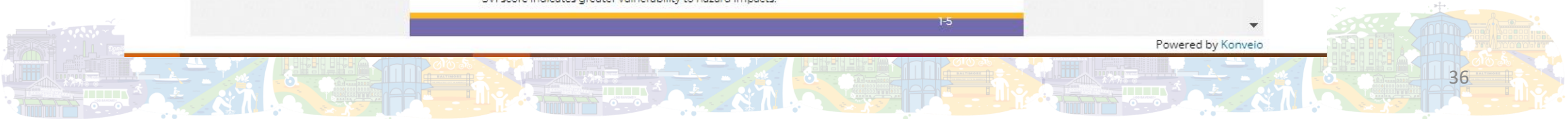
Hazards affect all individuals in the impact area, but those with heightened social vulnerability or in underserved communities are impacted at a disproportionately higher rate than others. The whole community must be equipped with the resources and knowledge to prepare for, respond to, and recover from hazardous events.

FEMA defines social vulnerability as "the potential for loss within an individual or social group." The degree to which a community has certain social factors and characteristics (i.e., poverty, crowded households, disabled residents, elderly populations, etc.) can drastically affect their ability to respond to and prepare for impacts. Social vulnerability considers the social, economic, and demographic characteristics that "influence an individual's or group's ability to prepare, respond, cope, or recover from an event" (FEMA 2023).

For the 2023 DP3 update, the City's social vulnerability was measured with a Social Vulnerability Index (SVI) calculated with data from the Center for Disease Control/Agency for Toxic Substance and Disease Registry (CDC/ATSDR SVI). The SVI score represents a national percentile ranking of social vulnerability for a county or census tract compared to all others at the same level. A higher SVI score indicates greater vulnerability to hazard impacts.

Key Terms

- **Social Vulnerability**—Is the susceptibility of social groups to the adverse impacts of natural hazards, including disproportionate death, injury, loss, or disruption of livelihood (FEMA n.d.).
- **Underserved Community**—Groups that have limited or no access to resources or that are otherwise disenfranchised. These groups may include people who are socioeconomically disadvantaged; people with limited English proficiency; people who are geographically isolated, etc. (FEMA n.d.).
- **Equity**—The consistent and systematic fair, just, and impartial treatment of all individuals, including individuals who belong to underserved communities (FEMA 2022).



Plan Approval Process & Launch

October	November	December	January & Onward
<p>Public Comment Period throughout October</p> <p>10/4 – Public Meeting</p> <p>10/12 – Planning Commission</p> <p>10/17 – Joint RAC/TAC & Climate Focused NGOS</p> <p>10/18 – Sustainability Commission</p>	<p>Plan updates to reflect public comments</p>	<p>12/20 – Sustainability Commission Approval</p> <p>12/21 – Planning Commission Approval</p>	<p>Public launch</p> <p>Education and awareness raising:</p> <ul style="list-style-type: none"> - Subcabinet - Key stakeholders and partners - DOP teams - Communities



BREAKOUT SESSION



Purpose

- Familiarize all participants with the actions included in the plan – you will focus on those actions most aligned with your area of expertise
- Consider the completeness of the actions list and identify any remaining gaps that should be addressed



Breakout Session

Due to time constraints, only select portions of the draft plan will be discussed.

Discussion:

- Review each action and collect your thoughts
- Share your overall feedback or feedback on specific actions when they are raised
- Once all actions have been reviewed, discuss if there are other actions that are missing that could be included.
- If time permits, review another sector.



Key Questions to Consider

- Are the actions included clearly written? Are they written at an appropriate reading level (grade 5 to 8)?
- Do the actions included in the report promote comprehensive climate action?
- Are there any actions missing, that you think should be included?
- Are the actions implementable?



QUESTIONS & COMMENTS



Next Steps

- Please review the plan and provide your thoughts via Konveio. **We want to hear from you!**
- Get involved with climate action implementation. Scan the QR code to sign-up for important notifications or view additional resources.



THANK YOU!



Electricity That Powers Our Homes

Community Actions	E1	Promote Renewable Energy Incentive Programs	Spread the word to people and businesses about solar programs. These programs help people and businesses install solar panels.
	E2	Implement Solar-Ready Requirements on New Construction	Make sure new buildings are built to allow people to install solar panels later.
	E3	Partner with Utilities to Improve Electric Infrastructure	Plan for the future when we will need more electricity. We will expand and strengthen the power grid to get ready for the future, especially in places that need help the most. Encourage moving to cleaner energy sources like renewable power.
Municipal Actions	E4	Purchase Clean Electricity for City Government Operations	Buy clean electricity to power the City's buildings.
	E5	Require Solar-Ready for City Government Facilities	Make sure City buildings can easily install solar panels later.
Additional Actions	E6	Coordinate with Partners to Advance Solar	Work with communities and organizations to install solar panels in neighborhoods.



Buildings We Live In

Community Actions	B1	Incentivize Energy Efficiency and Electrification Retrofits	Encourage people to update homes and buildings to use less energy. Switch to electricity or zero-emission options instead of fossil fuels.
	B2	Propose Green Zoning Regulations	Propose rules to make buildings and neighborhoods better for the climate and local environment.
	B3	Adopt Single-Family Residential Green Building Standard	Follow rules to build homes that are good for the climate and local environment, especially for single-family houses.
	B4	Require Fossil Fuel Free New Construction	Make a rule that new buildings cannot use fossil fuels for power. Fossil fuels include natural gas and oil.
	B5	Develop a Residential Energy Efficiency and Electrification Program	Create a program to help people fix their homes to use less energy.



Buildings We Live In

Municipal Actions	B6	Create Net-Zero Plan for City Government Facilities	Make a plan to stop using natural gas and oil in government buildings.
	B7	Create Energy Benchmarking Policy for City Government Facilities	Make a rule for the City government to measure how much energy its buildings use. This helps us know if government buildings use less energy over time.
	B8	Implement Energy Audits and Retro-Commissioning for City Government Facilities	Check how much energy City government buildings use. Update City buildings so they use less energy.
	B9	Require Fossil Fuel Free New Construction for City Government Facilities	Make a rule that new City government buildings cannot use fossil fuels.
Additional Actions	B10	Enhance Green Construction Code Compliance	Make sure developers follow the rules in the 2021 International Green Construction Code. Also, collect information to check that everyone is doing what they're supposed to do.
	B11	Require Point of Sale/Lease Electrification Ordinance	Make a rule for when homes are sold or rented. The rule requires homes to switch to electric or zero-emission appliances instead of fossil fuel appliances.



Transportation We Use to Get Around

Community Actions	T1	Improve Active Transportation Infrastructure	Make the roads better for walking and biking.
	T2	Support Transit-Oriented Communities	Build neighborhoods where people can easily use buses, trains, and other public transportation.
	T3	Implement Revised Parking Standards and Encourage Developers to Reduce Parking	Change the rules so less parking is needed for buildings or places.
	T4	Promote and Expand Existing Commute Trip Reduction Programs	Help people drive to work less.
	T5	Incentivize Micromobility	Encourage people to use scooters or bikes to get around.
	T6	Establish Car-Free Zones	Create areas where cars are not allowed to go. Make these places only for people to walk or ride bikes. Help make these zones in Transit-Oriented Communities.



Transportation We Use to Get Around

Community Actions	T7	Improve Transit for Low-Income Neighborhoods	Make the buses and trains better in neighborhoods where people do not have a lot of money.
	T8	Partner with Rideshares to Improve Paratransit	Work together with ridesharing services (like Uber or Lyft). Help make these services better for people who need special transportation because of disabilities.
	T9	Require or Incentivize Active Transport-Friendly Development	Encourage building places where it is easy to walk, bike, and be active.
	T10	Promote EV Sharing	Encourage new services for sharing electric cars with others.
	T11	Expand Public EV Charging Network	Make more charging spots for electric cars in public.
	T12	Promote Zero-Emission Bus Transition	Encourage changing buses to ones that are powered by electricity or produce zero emissions.
	T13	Promote Electric Car Share and Ride Share	Encourage people to use electric car and ride share services and encourage ride share companies to switch to electric vehicles.
	T14	Work with Gas Stations to Install EV Chargers	Partner with gas stations to add chargers for electric cars.



Transportation We Use to Get Around

Municipal Actions	T15	Incentivize Programs for Sustainable Commuters	Encourage ways of traveling to work that are good for the environment. This could include giving City workers lower prices for using buses or trains, or even offering them money instead of a parking spot.
	T16	Enhance Awareness of Alternative Transport for Staff	Make sure City employees know about ways to get around without driving. This could mean biking, walking, or taking the bus.
	T17	Transition to Zero- or Low-Emissions Fleet	Change the vehicles that the City government uses to ones that pollute less.
	T18	Develop a Plan to Transition City to Low- or Zero-Emission Off-Road Vehicles and Tools	Make a plan to for the City government's tools and off-road vehicles to pollute less.
Additional Actions	T19	Support State Public Transit Efforts	Help Maryland make public transportation better and more convenient.



Waste We Throw Away

Community Actions	W1	Implement Citywide Composting	Help everyone in the city compost their food waste.
	W2	Enhance Existing Organic Waste Diversion Policy	Improve the rules for separating and using organic waste, like food scraps.
	W3	Develop Waste Diversion Incentives	Encourage people to recycle and reuse things instead of throwing them away.
	W4	Partner with Circular-Economy Local Businesses	Work with businesses to use local materials. Help businesses make products in a way that is good for the environment.
	W5	Establish Waste Community Leaders	Choose people to help lead and teach the community about reducing waste.
	W6	Coordinate Citywide Food Rescue Program	Save extra food from being thrown away. Share this food with people who need it.
	W7	Encourage Water Savings Program	Encourage people to use less water and not waste it.



Waste We Throw Away

Municipal Actions	W8	Establish Emissions Plan for Wastewater Facilities	Make a plan to reduce pollution from treating wastewater.
	W9	Establish Sustainable Procurement Protocol	Decide on rules for when the City government buys things. Make sure that the City buys things that are good for the climate and the environment.
Additional Actions	W10	Support Waste Diversion and Reduction Programs	Support programs that help City government reduce waste and recycle.
	W11	Explore Reducing Energy Use at Wastewater Facilities	Look into ways to use less energy to treat wastewater.
	W12	Develop Construction and Demolition Waste Diversion Pathways	Create ways to deal with extra material or material that is not needed from building. Use old materials in new buildings by recycling or reusing them.



Other Actions

Community Actions	01	Develop Centralized Tool for Climate Actions	Make a special tool to help everyone work on the climate actions.
	02	Create an Education and Outreach Program	Make a program to teach people how to help fight climate change.
Additional Actions	03	Create a Heat Management Plan	Make a plan to handle hot weather.
	04	Improve Distribution of Climate-Relevant Data	Make sure everyone can get important information about the climate.
	05	Partner with Institutions to Inform Climate Action Plan Implementation	Work with universities and other groups to work on the climate actions.



Working With Our Partners

Community Resiliency Hubs

Trusted, service-based non-profit community organizations (including faith-based) with strong leadership located in under-resourced neighborhoods, that **partner with the City and provide essential community resources** and support during times of crisis.

Baltimore Commission on Sustainability

The Commission **oversees the implementation of the Baltimore Sustainability Plan** and monitors and reports progress annually.

Mayor's Sustainability and Resilience Subcabinet

An **interagency group that works to advance the implementation of sustainability plans**, improve interagency collaboration, and embed sustainability and resiliency into government practices.



Supporting Future Climate Leaders

To put this plan into action, **we will work with communities and provide opportunities for input**, including from young people.

- We will also work with the **frontline communities** who are directly affected by and face the most challenges from climate change.
- We will also make sure that the City government and other institutions **keep our promises**.
- Our goal is to **build good connections with everyone**.



Plan Approval Process & Launch

Review and input sessions with:

- Discussion with Agencies, stakeholders and others as needed

Sustainability Commission Approval – 12/20

Planning Commission Approval – 12/21

Public Launch

- Kick-off event – January 2024 (tentative)
- Education and awareness raising:
 - Subcabinet
 - Key stakeholders & partners
 - DOP teams
 - Communities

