Joint Commission Meeting
Planning Commission and Sustainability Commission

May 17, 2023
Overview

• First plan in 2012
• 2023 update:
  • Equity is the filter for goals and actions and will be applied when developing implementation strategies.
  • Include a financial analysis and vet actions to model impacts such as green house gas emission (GHG) reduction
  • Actions will be assessed with criteria including City authority to implementation as well as the following community benefits:
    • Resilience
    • Public Health
    • Economic Prosperity (feels like it covers local green jobs too)
    • Social Cohesion
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;
• prioritizes strategies; and,
• actions 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
PERSONNEL & KEY STAKEHOLDERS
City & Consultant Team

Baltimore City Office of Sustainability Team

• Aubrey Germ, Climate and Resilience Planner
• Valerie Rupp, Climate & Resilience Manager
• Ava Richardson, Sustainability Director
• Amy Gilder-Busatti, Sustainability Manager
• Tara Josberger*, CAP Outreach Intern
• Quentin Klein-Alfano*, Climate Outreach Intern
• Durmon Jones*, Climate Outreach Intern

*AInternships end before or in June 2023

AECOM Consulting Team

Alison Nemirow
Project Manager

Josh Lathan
Technical Lead

Christopher Wassif
Analyst

Vanessa Goh
Sustainability Planner
Stakeholder Engagement

- Technical Advisory Council
- Resident Advisory Council
- Public Engagement
CAP PROCESS: UPDATE
Climate Action Plan (CAP) Goals

• Develop a clear roadmap for the city to meet its ambitious GHG reduction targets.

• Integrate equity into the process, recommendations, and plan outcomes.

• Highlight the intersection of climate action and other community and city priorities.

• Be accessible and useful to all city stakeholders!
## CAP Update Process – Timeline

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### Tasks
- **Community Engagement**
- **Technical GHG Analyses**
- **Develop Actions**
- **Prioritize Actions**
- **Fiscal Impact Analysis**
- **Implementation Roadmaps**
- **Draft Plan Development & Review**
- **Release Final Plan!**

*We are here!*
ACTION PRIORITIZATION PROCESS
**Action Evaluation & Prioritization Process**

- **Goal:** Prioritize actions into Community-wide and municipal actions
- **Tool:** Action Selection and Prioritization (ASAP) Tool
- **Process:**
  - Evaluate actions for their impact on:

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Definition</th>
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<tr>
<td><strong>Primary Benefit (Emissions Reduction)</strong></td>
<td>An estimate of the emissions reduction potential of the action</td>
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<tr>
<td><strong>Community Benefits</strong></td>
<td>Benefits generated by climate actions beyond the primary benefit of emissions reduction</td>
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<tr>
<td><strong>Feasibility</strong></td>
<td>How easy or difficult it will be to implement the action</td>
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Community Benefits & Feasibility Criteria

Community benefits
1. Resilience
2. Public Health
3. Economic Prosperity
4. Social Cohesion

Feasibility Criteria
1. City ability to implement

Financial Analysis will also be used to consider the feasibility of actions in the plan.

Equity is a filter for vetting actions. It will be a central consideration in the implementation roadmaps and strategies developed to implement the plan.
A LOOK AHEAD
Next Steps:

- **Action Prioritization**
  - Sort into near-, medium-, and long-term priorities
  - Community wide and municipal actions are prioritized separately
  - Use ASAP results to prioritize actions. Could consider:
    - Highest emissions reduction, community benefit and feasibility scores
    - Top actions in each sector (buildings, transportation, waste)
    - Timing – actions that need to be implemented now

- **Fiscal Impact Analysis**
  - Working with Baltimore City Department of Finance to estimate the cost to the City to implement the plan

- **Implementation Road Maps**
  - Identify key actions, benchmarks, partners to achieve goals

- **Draft Plan and Review**
  - Internal review
  - Input from Sustainability & Planning Commissions
  - Public comment period

- **Design**

- **Finalization**
  - Approval by Sustainability & Planning Commissions

- **Awareness and Education**
  - Strategies to be developed for:
    - Subcabinet engagement
    - Other partner and stakeholder involvement
    - Public awareness
Joint Commission Meeting
Planning Commission and Sustainability Commission

May 17, 2023
Disaster Preparedness and Planning Project (DP3) - 2023 Update

Sustainability Commission + Planning Commission Joint Meeting

May 17, 2023
Overview

WHAT IS THE DP3?

PLANNING PROCESS

OPPORTUNITIES FOR ENGAGEMENT

NEXT STEPS

QUESTIONS
Intro to Tetra Tech

- Carry out the overall planning process
- Provide technical support and subject matter expertise
- Develop outreach and engagement materials
- Facilitate meetings
- Draft and finalize the DP3
- Support the adoption process

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What is the DP3?
What is the DP3?

• The DP3 is Baltimore’s Hazard Mitigation Plan + Climate Adaptation Plan.

• Hazard Mitigation is a sustained action taken to reduce or eliminate long-term risk to life and property from a hazard event.

Mitigation saves $6 for every $1 spent on average. Maryland can save up to $100 million in benefits.

“...provides the blueprint for reducing the potential losses identified in the risk assessment, based on existing authorities, policies, programs and resources, and local ability...” (CFR).
Hazard Mitigation Plans + FEMA

FEMA HMP Priorities:

• **Climate Change:** Assess projected changes in natural hazards

• **Future Changes:** Project changes in population and development

• **Equity:** Inclusion of underserved communities and socially vulnerable populations; evaluate disproportionate risks

• **Building Codes:** Adoption and enforcement; inclusion of hazard-resistant provisions

• **High Hazard Potential Dams:** Evaluate all dam risk and include criteria required under HHPD grant program

• **Integration across FEMA programs:** Address Community Lifelines

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HMPs:

- ✓ Are authorized by the Disaster Mitigation Act of 2000
- ✓ Provide an overview of the impacts of natural hazards on communities
- ✓ Provide a roadmap to reducing the impact of these hazards
- ✓ Require FEMA-approval for the jurisdiction to be eligible for pre-disaster mitigation funding
- ✓ Necessitate 5-year updates to maintain eligibility for FEMA funding
DP3 Goals

- Protect the health, safety, and welfare of Baltimore City residents and visitors
- Prevent damage to structures, infrastructure, and critical facilities
- Build resilience and disaster prevention and planning into all programs, policies and infrastructure
- Enhance the city's adaptive capacity to cope with future conditions
- Promote hazard mitigation and climate adaptation awareness and education
- Become an even higher rated Community Rating System (CRS) classified community
2018 DP3 Hazards

- Flooding
- Coastal Hazards
  - Tropical Storms and Hurricanes
  - Sea Level Change
  - Tsunamis
- Precipitation Variability
  - Nor’easters
  - Drought
- Wind
  - Tornado
  - Derecho
- Extreme Heat
  - Air Quality and Respiratory Illnesses
- Land
  - Earthquakes
  - Land Subsidence
  - Urban Karst/Sinkholes
2023 DP3 Update: New Features

- Updated hazard data, climate science, and GIS mapping
- Improved focus on and granularity of data around socially vulnerable populations
- Updated critical facilities data
- Restructuring of hazard categories
- Inclusion of dam data
- Inclusion of priority human-caused hazards
- Expansion of actions identified in Chapter 6 – Moving Forward (such as food resilience)
- Rewritten and reprioritized mitigation actions
- High level financial analysis of priority actions

2018 DP3 Community Survey Results

Percentage of Respondents Concerned about Man-Made Hazards

- Cyber-Attack: 68.8%
- Terrorism: 50.9%
- Active Shooter: 78.1%
- Civil Unrest: 64.9%
- Environmental Emergency: 55.5%
- I am not concerned about these events: 4.6%
- I am not sure: 2.9%
- Other event: 15.7%
Planning Process
Public Outreach and Community Engagement is continuous through the cycle.
Project Structure

- **Core Planning Team (CPT)** serves as the discipline leads to guide the development of the DP3. The CPT meets to discuss project status, support data gathering, troubleshoot any issues, inform the development of HMAC and public meeting materials, and review drafts.

- **Hazard Mitigation Advisory Committee (HMAC)** composed of stakeholders across disciplines and community leaders throughout the city and region. Provides input and guidance on the development of the DP3, provides subject matter expertise, and advises the CPT on community needs and concerns to ensure community representation and inclusion in the planning process.

- **Social Equity Committee (SEC)** (still being formed) composed of residents and community leaders that convene to discuss vulnerabilities and advise on equitable action development and prioritization.

- **Community Stakeholders and General Public** may be businesses, private citizens, community organizations, etc. that partake in various public engagement opportunities throughout the planning process.
Key Partners

Core Planning Team

Hazard Mitigation Advisory Committee

Stakeholders and the Public

MDEM & FEMA
**Timeline**

**Plan Development**
- Storymap website and Engagement Strategy
- Hazard Mitigation Advisory Committee Meetings
- Drafting Hazard Analysis and Risk Assessment
- Drafting Capability Assessment
- Drafting Goals and Mitigation Strategy
- Initial Draft Plan
- Final Draft Plan
- Development of Executive Summaries

**Review and Adoption**
- Review by BoS
- Review by CPT and HMAC
- Public meetings for review and input
- Plan submittal and FEMA review
- City and FEMA Approval

We are here
Opportunities for Engagement
Engagement Strategy

- Public Meetings and Workshops
- Outreach at Community Events
- BoS Website Updates
- Social Media Posts
- StoryMap
- Surveys (online and hardcopy)
Engagement Opportunities

• Public Survey:
  • https://www.surveymonkey.com/r/DP3PublicSurvey

• Stakeholder Survey:
  • https://www.surveymonkey.com/r/DP3StakeholderSurvey

• Visit the DP3 Webpage for upcoming meetings and:
  • https://www.baltimoresustainability.org/plans/disaster-preparedn
Next Steps
Next Steps

• Take / share the surveys!

• Attend DP3 Community Engagement Events
  • Wednesday, June 21st - Sustainability Open House
  • Early July – In-person Workshop (TBD)
  • Late July – In-person Workshop (TBD)

• Engage with the StoryMap (coming soon)

• Check the DP3 webpage and Baltimore City social media for Plan updates and chances for engagement
  • https://www.baltimorecity.gov/

• Comment on the Draft Plan
  • Posted on Konveio
  • Public briefing to Planning Commission during public comment period

• Email aubrey.germ@baltimorecity.gov with any questions, concerns, or comments.
Questions
Project Contacts

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What is Our Baltimore and Why is it Important?

• Our Baltimore is our City’s first Comprehensive Plan update since 2006.

• The focus of the plan is the *spaces, places, and neighborhoods* that make Baltimore home.

• Urban planning ties this planning process together – how can City policies related to *urban planning* make the experience of living in Baltimore better for existing residents?
• Every jurisdiction in Maryland is required to complete a 10-year Comprehensive Plan following each decennial census.

• The plan must include certain required elements, but otherwise jurisdictions have flexibility to approach the plan as they choose.

• The plan must be submitted to the State Department of Planning for review by 2024.

• In addition, the City Charter requires the Planning Commission to adopt and revise a master plan for the proposed physical development of Baltimore City.
Focus of Comprehensive Plan

- Guide *equitable* neighborhood development over the next 10 years and beyond
- How to retain and support residents
- How to make Baltimore an inviting place to live so residents will:
  - want to stay
  - benefit from staying
  - invite their friends to live in Baltimore
Building Blocks for Comprehensive Plan

- Existing and New Plans
- 2020 Census Results
- Mayor’s Pillars/Action Plan

Community Engagement
The planning process is being led by the Department of Planning with support from an Advisory Council, Engagement Leadership Team, and other city agencies.

SPRING 2022 – LISTENING: ESTABLISHING VISION AND TOPICS
The City and our engagement partners are collecting community input and ideas to develop the plan’s key themes, visions, and goals.

FALL 2022 – CREATING: DEVELOPING RECOMMENDATIONS
We will engage stakeholders to develop and refine goals, strategies and recommendations to address the topics identified in the listening phase.

2023 – DRAFTING AND REVIEWING: WRITING AND REVISING PLAN
We will engage stakeholders to provide feedback on a draft plan.
Spring/Summer 2022
LISTENING: Establishing Vision and Topics

• Open Houses
• Engagement Partners
• Storytelling Ambassadors
• Online Survey
Fall 2022/Winter 2023
CREATING: Brainstorming Recommendations

• Work sessions in each planning district
• Work sessions with topic experts
• Community conference
• Online Feedback
2023: DRAFTING AND REVIEWING

- Policy Recommendations
- Planning for Retention and Growth
- Area Planning
Policy Recommendations

Livable Places
- Equitable Neighborhood Development
- Affordable housing
- Vacant housing
- Historic resources
- Public Spaces/Placemaking

Equitable Access
- Public transit
- Food access/security
- Digital equity and broadband
- Access to green spaces/well maintained parks

Inclusive Economy
- Baltimore's Competitive Growth Sectors
- Workforce Development
- Neighborhood retail
- Small business ecosystem
- Freight movement

Healthy Communities
- Environmental justice
- Public health disparities
- Neighborhood Cleanliness
- Designing for Public safety
- Trees and Forests
Planning for Retention and Growth

- Housing Market Typology
- Impact Investment Areas
- Middle Neighborhoods
- Green Network
- New Residential Construction Opportunities
- Proposed Land Use Map
- Infrastructure
Area Planning

- INSPIRE
- Perkins Somerset Oldtown
- Middle Branch
- Reconnecting West Baltimore
- Greenway Trail
- Downtown