

Baltimore City Commission on Sustainability



Monthly Meeting
July 17, 2024; 4:00 pm - 6:00 pm



Agenda

Welcome Updates

- Office of Sustainability Updates
- Roll Call
- Commission Updates

Our Baltimore Comprehensive Plan: Sustainability Commission Discussion

CCB 24-0507 - Study and Report - Infrastructure and Urban Meadows

Climate 101 Briefing: Greenhouse Gas Emissions Scopes

Energy & Economy: Policy and Funding Overview

Public Comment

Next Meeting: August 21, 2024; 4:00 – 6:00 pm on Webex



Sustainability Updates

Youth and Community
Engagement Coordinator
Ebone Smith

People & Nature

Climate & Resilience
Planner
Erica Pinket

Heat Mitigation

RMB Program
Coordinator
Natalie Cohen

RMB Liaison

Open House Recap & Thank You!



Stillmeadow
Resiliency
HUB



BALTIMORE COMMISSION ON SUSTAINABILITY 2024 MEETING TOPICS



Baltimore Office of Sustainability
People · Planet · Prosperity

July 17

Energy & Economy:
Overview of Legislation

August 21

Energy & Economy:
Renewable Energy & Energy Efficiency

September 18

Energy & Economy Site Visit

October 16

Climate Action Planning: Waste

November 20

Climate Action Planning: Transportation

December 18

Climate Action Planning Site Visit



Baltimore Office of Sustainability
People · Planet · Prosperity



Sustain B'more

July 2024 | Issue 50

Sustainability Open House on 6/26, Extreme Heat Alert System, Jobs & Funding Opportunities, Staff Updates, and more.

Dear Baltimore Office of Sustainability Friends,

Happy Birthday, Baltimore!

In 1729, a charter that created Baltimore was approved, establishing "Baltimore Town" as 60 one-acre lot the following year. Now a city of over 92 square miles of land and water, Baltimore's 295th anniversary will be commemorated on July 26th at [Live Baltimore](#)'s annual bash. You can learn more about Baltimore's history [here](#). Alternatively, you can celebrate at home or in your neighborhood by enjoying some of your favorite Baltimore-centric activities. As you celebrate, please remember that it is [Plastic Free July](#), and limit or eliminate your use of plastic while saluting our City. Living plastic free, or even limiting your use of plastic, helps protect the planet and all its inhabitants in many ways, particularly wildlife that can be injured or perish when they consume plastic waste and become caught in it. Appropriately, July is also [Wild About Wildlife Month](#) and July 28th is [World Nature Conservation Day](#) so it's an ideal time to reduce or eliminate plastic in honor of the wildlife who share the planet with us.

Happy Reading!
Baltimore Office of Sustainability Staff

Community Spotlight

Meet the New Baltimore Beyond Plastics Interns

This month, we shine a light on the two most recent additions to our Baltimore Beyond Plastic (BBP)



CODE RED ALERT FOR BALTIMORE

JULY 16, 2024
-
JULY 17, 2024

Tuesday

High Temperature

101°F

Heat Index

108°F

Wednesday

High Temperature

99°F

Heat Index

105°F

SCAN TO FIND A
COOLING CENTER
CLOSEST TO YOU



FOR MORE INFORMATION VISIT
[HTTPS://HEALTH.BALTIMORECITY.GOV/
CODEREDINFO](https://health.baltimorecity.gov/coderedinfo)



Turtle Tip of the Month

Turtle Tips: Swimming Safety

The hot, humid days of summer are upon us here in Baltimore. What better way to beat the heat than swimming! Here are a few reminders to stay safe when you hit the pool or beach this summer.

- **Provide close and constant attention to children you are supervising in or near water.** Never assume someone else is watching unless it has been explicitly stated.
- **Don't rely on any flotation device other than a U.S. Coast Guard-approved life jacket.** Rafts and noodles are fun in the pool, but aren't as fail-safe as a life jacket, especially for young children and inexperienced swimmers.
- **Get swim lessons and make sure everyone in the family knows what to do in case of a water emergency.** The Red Cross offers free **learn-to-swim courses and pool/water safety courses** along with the usual **CPR/first aid courses**. Lessons may also be available at Baltimore City pools.
- **Check the water safety of a beach or river before you go.** Swimming 48 hours after rainfall is discouraged due to higher bacteria and contaminant levels. MDE provides status updates [here](#).



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Funding Updates & Opportunities

Federal Funding

- ☐ Thriving Communities Grant
- ☐ Safe Streets and Roads For All Grant
- ☐ RAISE, MDOT Bikeways
- ☐ Greenhouse Gas Reduction Fund
- ☐ EPA Community Change Grants
- ☐ EPA Climate Pollution Reduction Grant
- ☐ Direct/Elective Pay Incentives

Non-Federal Funding

- Maryland Energy Administration
- Maryland Department of Natural Resources



Current Sustainable Transportation Grants

- **Safe Streets for All - \$10.95M, DOT**

- Complete Streets-focused safety action plan, 10 – 15 miles of Complete Streets quickbuilds, Baltimore Greenway Trails Ciclovía, Complete Streets communications campaign

- **Reconnecting Communities - \$8M, DOT**

- Druid Park Lake Drive Complete Streets (\$6M, 2024), West Baltimore United/Highway to Nowhere (\$2M, 2023)

- **RAISE - \$63M, DOT, MTA, and DPW**

- Hanover Street corridor revitalization + NEPA (\$15M, 2024), Mondawmin Mall transit hub and ped/bike access improvements (\$20M, 2023, MTA + DPW partnership), Penn Station ped/bike/transit access improvements (\$6M, 2022, MTA partnership), East-West Priority Corridor (\$22M, 2021, MTA partnership)

- **MDOT Bikeways - \$300k, DOT**

- Boston Street Connector plan (2023)



Sustainable Transportation Grant Applications 2024

- **Climate Focused Funding - \$6.497 (April), DOT and DGS**
 - Design + NEPA for 33rd St Greenway Trails Network (\$2M), Jones Falls Gateway Project (\$497K), City fleet EVs + charging infrastructure (\$4M, DGS)
- **Transportation Alternatives - \$28M (May), DOT**
 - Construction for 33rd St Greenway Trails Network (\$18.2M) and Jones Falls Gateway Project (\$9.2M)
- **HSIP - \$4.14M (May), DOT**
 - Construction of Washington Cycletrack and Wolfe Street traffic calming
- **FTA TOD Planning Program - \$500K - \$1M TBD (July), DOT**
 - Red Line TOD study
- **ATIIP - \$15M (July), DOT**
 - Middle Branch Trail design + construction + Complete Streets connections
- **MDOT Bikeways – \$530K (May), DOT, DOP, SBGP**
 - BGE Connector Trail planning (\$200K), Middle Branch Shoreline Trail planning (\$200K), Harford Road cycletrack hardening (\$130)



Federal Funding Opportunities

EPA Community Change Grant

Up to *\$20 million* in funding

Track 1 & 2

Rolling deadline until November, 2024

Funding can support NBS, housing, transportation, energy, resilience, hubs++

Greenhouse Gas Reduction Fund

Solar for All -
\$62 million awarded to MD

- National Clean Investment Fund** (NCIF)
- *\$14 billion* available
 - \$1 public:\$7 private

- Clean Communities Investment Accelerator** (CCIA)
- *\$6 billion* available
 - TA, focused on LMI

Direct/Elective Pay

- Allows non-taxable entities to obtain up to 40% in tax credits
- Eligible investments: renewable energy, energy generation, EV purchases, carbon capture technologies
- The city to incorporate clean energy projects into the capital planning/purchasing

Contact: Dan Goldberg,
daniel.goldberg@baltimorecity.gov

Federal Funding Opportunities

Production Tax Credits

The Production Tax Credit (PTC) provides an ongoing tax credit for the first ten years of a project based on the amount of renewable energy produced in each year and sold to an unrelated person



Renewable Electricity PTC (Section 45)

A per-kW tax credit based on production of renewable energy



Carbon Capture and Sequestration PTC (45Q)

A credit of between \$12 and \$180 per ton of carbon oxide captured and sequestered, injected or used



Nuclear Power PTC (45U) *New*

A per-kW tax credit based on the production of nuclear energy



Clean Hydrogen PTC (45V) *New*

A per-kg credit for producing clean hydrogen at a qualified, U.S. facility



Advanced Manufacturing PTC (45X) *New*

A production tax credit for domestic manufacturing of components of clean energy projects



Clean Electricity PTC (45Y) *New*

A technology-neutral version of the Section 45 credit that phases in in 2025



Clean Fuel PTC (45Z) *New*

A per-gallon credit for domestic production of clean transportation fuels, including sustainable aviation fuel



Energy Investment Tax Credit (Section 48)

A 6% to 30% credit for the cost of a renewable energy facility



Advanced Energy Project Credit (48C)

A 6% to 30% tax credit for investment in advanced energy projects



Clean Electricity ITC (48E) *New*

A technology-neutral version of the Section 48 credit that phases in in 2025



Commercial Clean Vehicle Credit (45W) *New*

Up to a 30% tax credit (\$40,000 maximum) for purchase of a qualified clean commercial vehicle



Alternative Fuel Refueling Property Credit (30C)

Up to a 30% tax credit for cost of natural gas, propane, hydrogen, electricity, E85, or diesel fuel blend vehicle fueling equipment

Investment Tax Credits

The Investment Tax Credit (ITC) are one-time tax credits based on a percentage of the qualifying costs of a project.



Federal Funding Opportunities

Bonus Tax Credits

There are three potential bonus tax credits available for the Investment Tax Credit (ITC) on some projects to cover as much as 70% of project costs

USA

Domestic Content Bonus Credit

An extra 2-10% ITC can be claimed if a project meets domestic content requirements -- meaning certain materials or parts must be made in the US (some exceptions). A project can expect to see the full 10% if it also meets prevailing wage requirements



Prevailing Wage and Apprenticeship Bonus Credit

A credit increases by 5 times of the base credit for certain projects that pay prevailing wages and uses registered apprentices. The increase only applies to 48, 48E, 45, 45Y, 48C, 30C, 45Q, 45U, 45V, 45Z



Energy Communities Bonus Credit

An extra 2-10% ITC can be claimed if a project is within an "energy community". A project can expect to see the full 10% if it also meets prevailing wage requirements



Low and Medium Income Bonus Credit

An extra 10-20% ITC can be claimed on some solar and wind projects in low-income communities or placed on low-income residential buildings



Thank You!



BALTIMORE OFFICE OF SUSTAINABILITY OVERVIEW

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“...toward a more resilient, equitable, and sustainable city.”