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888-2023

Report


Accept Progress Report on the Natural Hazard Mitigation Plan for 2023

Accepted

The City of Portland participates in FEMA's Community Rating System (CRS), which rewards communities for taking action beyond the minimum standards required by the National Flood Insurance Program (NFIP). Communities are rated Class 1-10 (with 1 being the highest) based on an accounting of activities that reduce FEMA's risk. Our current Class 5 rating provides a 25% discount on flood insurance for property owners. Portland's rating is higher than 90% of the 570 communities enrolled in FEMA's CRS Program. Portland's Class 5 rating saves the community about \$300K in insurance premiums every year. About 60% of those receiving the discount are located in lower income neighborhoods.

As part of the CRS implementation, the City receives credit for the Mitigation Action Plan. To continue receiving this credit, the City reports annually to FEMA on the implementation of the Plan. The annual progress report for 2023 is attached to this memo for City Council consideration and acceptance. These reports are prepared by BES - the CRS Coordinator for the City - and submitted to FEMA as part of the CRS Recertification process.

Documents and Exhibits

 [Mitigation Action Plan 2023 Report](https://www.portland.gov/sites/default/files/council-documents/2023/map-2023-status-reports-presentation-.pdf) 106.82 KB
(<https://www.portland.gov/sites/default/files/council-documents/2023/map-2023-status-reports-presentation-.pdf>)

Impact Statement

Purpose of Proposed Legislation and Background Information

Accepting Reports of the Natural Hazard Mitigation Plan is an administrative requirement of the Community Rating System (CRS). The CRS is a federal program that provides discounted flood insurance to residents of jurisdictions that participate in the CRS program, based on the rating that the jurisdiction achieves. This report is preceded by [Report 950-2022](#) (<https://www.portland.gov/council/documents/report/accepted/950-2022>), which was accepted on November 9, 2022.

Introduced by

[Commissioner Rene Gonzalez](#)

Bureau

[Emergency Management](#)

Contact

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Requested Agenda Type

Regular

Date and Time Information

Requested Council Date

October 18, 2023

Time Requested

15 minutes

Financial and Budgetary Impacts

None.

Community Impacts and Community Involvement

Adopting these reports supports the City's efforts to achieve a Community Rating System (CRS) score of 5. A score of 5 means Portland homeowners are entitled to a 25% discount on flood insurance; this is a significant benefit to low-income homeowners.

Another element of the CRS is public education of residents in floodplains.

Information about outreach efforts are included in the implementation reports.

100% Renewable Goal

Not applicable.

Budget Office Financial Impact Analysis

No financial impact.

Agenda Items

888 Regular Agenda in [October 18, 2023 Council Agenda](https://www.portland.gov/council/agenda/2023/10/18)
(<https://www.portland.gov/council/agenda/2023/10/18>)

Accepted

Motion to accept the report: Moved by Mapps and seconded by Gonzalez.

Commissioner Mingus Mapps Yea

Commissioner Carmen Rubio Yea

Commissioner Dan Ryan Absent

Commissioner Rene Gonzalez Yea

Mayor Ted Wheeler Yea

MAP Evaluation Results

Status Reports of Actions for June 2023

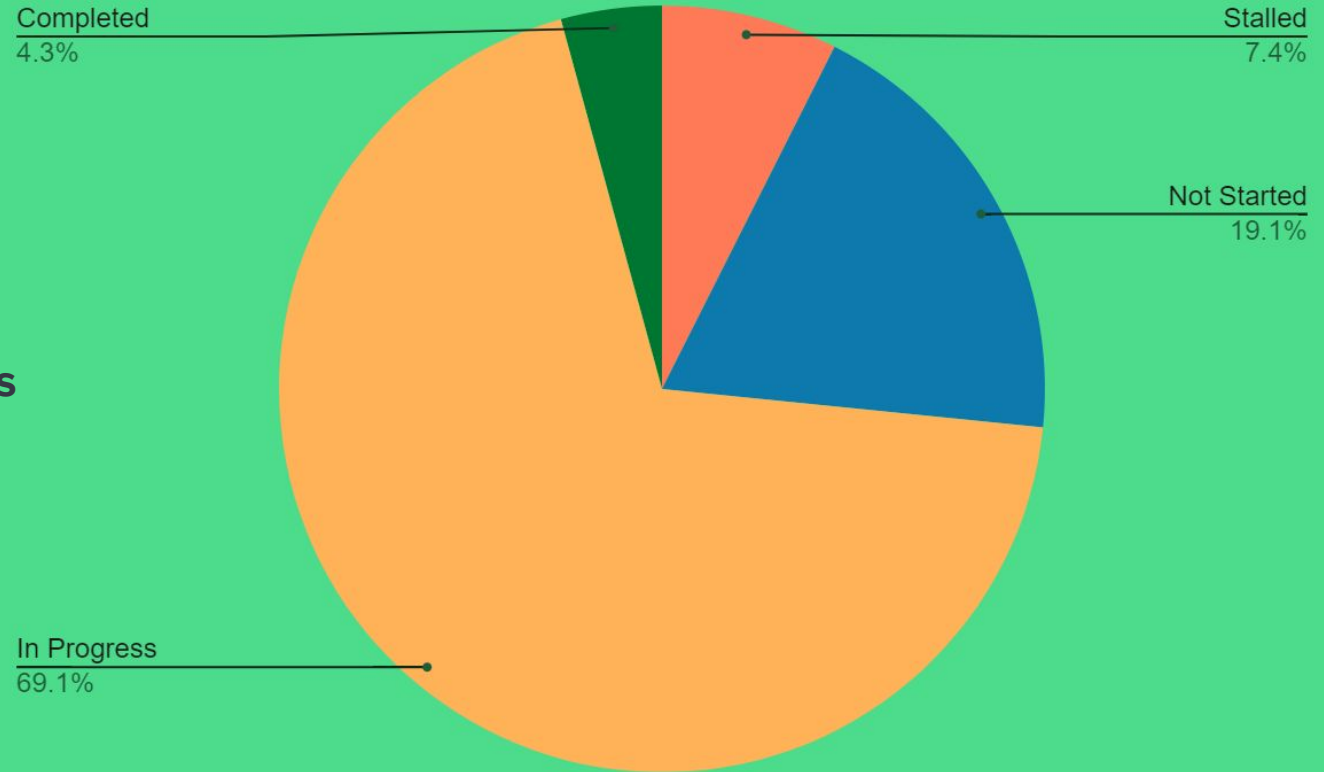
Breakdown of MAP Actions

4 actions **completed**

66 actions **in progress**

18 actions **not started**

6 actions **stalled**



Stalled Actions

- Staff Capacity
- Lack of Funding
- Delays in planning and political processes

BPS-2	Assess and Restart Garbage and Recycling Collection Services . Develop continuity of operations plans for services to residences and businesses post-disaster. Implement requirements for garbage and recycling service providers to prepare and maintain emergency operations and continuity of operations plans.
PWB-22	All Hazards Mitigation - Staging Locations for Emergency Repairs: Develop and establish a West-side emergency operations, staging facility for field crews, and staging plan for stockpiling water system repair materials in strategic locations.
BPS-13	Seismic upgrades to Central City Buildings: develop seismic requirements for Central City development that uses public funds and develop a plan for seismic upgrades in Old Town/Chinatown that reflect equity considerations and allow for incremental improvements
PPR-5	Seismically retrofit or upgrade Parks & Recreation facilities , prioritizing unreinforced masonry (URM) buildings.
PWB-3	Seismic Mitigation - Replace Existing Vulnerable Pipes by Burying New Water Pipes Under Rivers: - Plan, design and construct new underground river crossings to reduce earthquake damage to pipes: > Willamette River - 2 crossings > St. Johns River > Sandy River (Conduit 3)
BDS-3	Amend Chapter 24.85 (Seismic Regulations) to adopt new seismic upgrade triggers and limit the requirements for seismic upgrades for conversions of single dwelling homes to multi-dwelling homes.

Not Started Actions

- Seismic mitigation: Infrastructure improvements, fuel plan, risk assessments and resiliency planning, elevating funding for retrofiting
- Coordination and partnerships with communities, bureaus, and regional partners
- Updating plans, data, and policies

Reasons: Lack of funding, out of data/inaccurate data, need for more research and deeper analysis, staff capacity, changes or delays to the planning process, coordination with multiple actors

In Progress Actions

What has been accomplished?

- **BES-5: Planted 700-800 trees** and receive **4 years of maintenance**; also installed **53,560 native plants** throughout city owned natural areas
- **BES-7: Partnered with multiple watershed councils** to ensure community participation, education, and stewardship
- **BES-15: STEP program—significant excavation and ground improvement work** to add secondary treatment clarifier capacity; work will conclude or be close to completion in FY 24/25
- **BES-19: Lower Columbia River Basin Peak Stage Frequency Report completed** in 2022 and released in 2023 through a collaboration with US Army Corps of Engineers

In Progress Actions

What has been accomplished?

- **BPS-3:** Developing neighborhood scale energy resilience through **solar+battery systems; shifted from policy and planning** to more investment as the Portland Clean Energy Fund has taken shape, which has funded 3 community based solar plus storage projects
- **BPS-4:** BPS replaced the 2015 Climate Action Plan with the **2022-2025 Climate Emergency Workplan** in August 2022
- **BPS-15:** Developing an **urban heat island strategy for east portland**; collaborating with 8 city bureaus to implement the city wide flood management update work plan (Floodplain resilience plan)
- **BPS-7: Fix it fairs** are resource events for personal and community resiliency and sustainability, 1,300 people have attended fix-it fairs in 2023; long range planning often raises the awareness of climate resiliency

In Progress Actions

What has been accomplished?

- **BDS-1:** BDS worked on the regional aspects of updating their **building damage assessment plan** but since BDAP+ did not get funding, this limits their outreach capabilities, developed a strong collection of educational materials translated into 10+ languages
- **PBOT-1:** Reassigned PBOT Senior Planner to focus on operations resiliency at Maintenance Operations
- **PBOT-2:** Received a **federal bridge infrastructure program grant** to replace the N Burgard Street Viaduct, ranks highest in seismic priority index; completing bridge replacement feasibility study for NE 33rd Ave Bridge
- **PPR-1:** **Improved awareness of natural hazards** and risks among staff

In Progress Actions

What has been accomplished?

- **PBEM-7: Signed a contract with AIM-4-Access** to support disability specific emergency preparedness materials and work in partnership with the disability community
- **PBEM-8:** Provide response packs to NET volunteers who cannot afford it, cultivated a full spanish speaking NET team in partnership, continue to prioritize neighborhoods that have been underserved by government
- **PWB:** Mitigation projects against extreme weather, wildfire, and earthquakes involving the Bull Run Dam are **ongoing and efforts are underway**. Most of these projects are in the initial stages of progress and planning.

In Progress Actions

Obstacles or Barriers to Progress

- Need for more training and improved awareness of natural hazards and their risks among Parks staff
- Inadequate funding
- Bureau capacity, lack of personnel
- Delays in the planning and design process
- Coordination with other bureaus, agencies, and community partners
- Lack of accurate/trusted information needed to pursue expensive projects
- COVID-19 and weather emergencies
- Safety concerns for field personnel
- Translation and Interpretation for non-english speaking communities

In Progress Actions

Factors to Success

- Collaborative working relationships with partnering agencies
- Staff with excellent and relevant technical ability were leading the way
- Success of ongoing items is dependent on long-term relationship building, collaboration, and trust
- PCEF has helped provide the resources for implementation for solar and storage through its community driven prioritization

Completed Actions

PWB-11	Mitigate Impacts from Power Loss - Continuity of Electric Service: Establish cooperative agreements with local power suppliers to prioritize and provide emergency repairs and continuity of service to the Bureau facilities and Columbia South Shore Well Field during power outages.
BES-16	Design and build stormwater improvements along SW Capitol Hwy and local side streets to address drainage and conveyance deficiencies and recurring nuisance flooding.
PWB-31	Mitigate Against Dam Failure in the Bull Run: Replace Bull Run Dam 2 Spillway Subdrain System Pipe to reduce likelihood of dam failure
BDS-2	2008 Erosion and Sediment Control Manual Update: Update the manual so that it reflects recommendations from an EPA audit around "simple sites" and sites under construction.

Discussion

Given these findings, what changes should we make in the MAP?