

Survey Metrics

Date Metrics		Deployment Metrics	
Start Date	7-May-24	Sent	27
End Date	16-Sep-24	Delivered	27
		Bounced	0

Response Metrics

Completed	26
Unique Access Rate	74.07%
Incomplete	4
Incomplete Incl. in Report	4

Individual Responses

Response No:
13

Email ID:
L71458220

Participation Time:
7/11/2024 18:43

IP Address:
12.149.28.74

Q1. Local/Tribal Government

City of Hallandale Beach

Q2. County

Broward County

Q3. Key Staff Contact

Q3 a. Key Staff Contact: Name

Ryan Radmehr

Q3 b. Key Staff Contact: Title

Sustainability and Resiliency Officer

Q3 c. Key Staff Contact: Email Address

rradmehr@cohb.org

Q4. Describe the progress your local/tribal government has made related to Mitigation Action #1. Please select all that apply. ▲

In the past several years we have advanced/completed work related to this priority action that is still relevant today.

We actively advanced activities related to this priority action in this reporting year (CY 2023).

A Q5. Provide a brief description of the work you are advancing related to Mitigation Action #1. This is not meant to be an exhaustive list, but rather a list of the most impactful actions. ▲

The City of Hallandale Beach has developed a Climate Action Plan (CAP) titled "50 by 30." This plan sets ambitious goals, including a 50% reduction in greenhouse gas (GHG) emissions by 2030 and achieving Net-Zero emissions by 2050. Since 2016, the City has reported two GHG emissions inventories. Additionally, the City employs various projections to monitor progress toward its targets.

Q6. Is equity being embedded into Mitigation Action #1? Please indicate your progress toward embedding equity in this action with "1" indicating no progress and "5" indicating significant progress. Below are several suggested ways that a local/tribal government can embed equity into this climate action provided as supportive guidance. This is not meant to be exhaustive of every possible action. Respondents can include actions not included in this list. For more guidance, visit the full document on the Compact website. Ensure the inventory and/or goal setting document(s) is/are publicly available and is interpreted for commonly spoken languages in the municipality as well as screen-reader compatible. Build partnerships with community-based organizations, HOAs, and community-based forums to help define, design, and advance the work as well as spread the word. Ensure an equity first framework, so that GHG emission reductions do not come at the expense of low income and/or communities of color. Use a Racial Equity Toolkit to consider impacts before taking on any project. Include stipends/payments for volunteers in your budget. Make sure budgeted meeting costs include childcare, meals, and/or interpretation services. Utilize multiple engagement methods, e.g. online and in-person. Utilize existing relationships with other municipal departments. Acknowledge that elderly and low-income populations are less likely to engage with online promotion. Utilize in-person outreach (flyers, canvassing, announcement at an existing meeting, radio stations, TV, flyers at churches or community center, etc.) for these groups. ▲

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A Q7. Please provide a brief explanation of the ways in which you are embedding equity into Mitigation Action #1. ▲

The City of Hallandale Beach (COHB) utilized local vendor services to develop its Climate Action Plan (CAP) and greenhouse gas (GHG) emissions inventory. The GHG inventory accounted for emissions from both government operations and community-wide sources. Public outreach and workshops were conducted to involve the community, and the resulting reports are publicly accessible. Equity considerations were integral to the preparation of the CAP. Projects and initiatives were developed with a focus on equity. In alignment with this planning, the City actively pursues grant opportunities, such as those under the Justice40 initiative, that emphasize equity considerations.

Q8. Please provide any supporting documents under Mitigation Action #1. Max upload of five (5) files only. *Did not answer* ▶

Q9. Please indicate as to why you've been unable to advance activities related to Mitigation Action #1? Please select all that apply. *Skipped due to logic* ▶

A Q10. What resources could assist you in advancing this action? *Skipped due to logic* ▶

Q11. Describe the progress your local/tribal government has made related to Mitigation Action #2. Please select all that apply. ▲

In the past several years we have advanced/completed work related to this priority action that is still relevant today.

We actively advanced activities related to this priority action in this reporting year (CY 2023).

A Q12. Provide a brief description of the work you are advancing related to Mitigation Action #2. This is not meant to be an exhaustive list, but rather a list of the most impactful actions. ▲

The city is taking proactive steps to address energy and building-related concerns as part of its Climate Action Plan (CAP) and Sustainability Action Plan (SAP). Also, City has adopted Green Building Program to promote sustainable development practices as a means of addressing global climate change, protecting natural resources, and ensuring a high quality of life for future residents. Beside the initiatives under CAP and SAP such as Existing Building Commissioning, Partnerships for Solar and Energy Efficiency Improvements, Revision of City Building Code for Net-Zero Standards by 2030, Building Performance Standards and Benchmarking, and Support for Energy Efficiency Standards and Renewable Goals, City has stated new administrative building and EV bus transit and maintenance station project looking for LEED Gold Certification.

Q13. **Is equity being embedded into Mitigation Action #2? Please indicate your progress toward embedding equity in this action with “1” indicating no progress and “5” indicating significant progress.** Below are several suggested ways that a local/tribal government can embed equity into this climate action provided as supportive guidance. This is not meant to be exhaustive of every possible action. Respondents can include actions not included in this list. For more guidance, visit the full document on the Compact website. Engage communities most impacted by energy inefficiency in planning and prioritizing community projects/action Develop partnerships with community members or organizations to help track energy efficiency data and prioritize improvements Involve the people most impacted by energy inefficiency, build relationships, and co-create path forward Commit municipal savings from solar and energy efficiency being reinvested in wealth-building initiatives in disinvested communities Ensure policies/permits for energy saving installations (green roofs, rooftop solar, storm hardening) are feasible, and if possible expedited and fee-free Allocate funds annually to pay for outreach campaigns to ensure all communities are aware of energy efficiency programs and assistance Work with local community-based organizations to be an education partner on energy efficiency behaviors and techniques/installations

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Q14. Please provide a brief explanation of the ways in which you are embedding equity into Mitigation Action #2.

The City of Hallandale Beach incorporates equity into its planning through various initiatives. These include establishing partnerships to provide low-interest loans for solar and energy efficiency improvements. Potential partners include the Solar Energy Loan Fund, Broward County, and PACE providers. Additionally, the City participates in solar co-op events to further support equitable access to renewable energy solutions.

Q15. Please provide any supporting documents under Mitigation Action #2. Max upload of five (5) files only. *Did not answer*

Q16. Please indicate as to why you've been unable to advance activities related to Mitigation Action #2? Please select all that apply. *Skipped due to logic*

Q17. What resources could assist you in advancing this action? *Skipped due to logic*


Q18. Describe the progress your local/tribal government has made related to Mitigation Action #3. Please select all that apply.

In the past several years we have advanced/completed work related to this priority action that is still relevant today.


We actively advanced activities related to this priority action in this reporting year (CY 2023).

Q19. Provide a brief description of the work you are advancing related to Mitigation Action #3. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

The City of Hallandale Beach has developed a Green Building Program with various certification levels. This program requires participants to achieve a minimum number of sustainability points from the sustainability worksheet. Energy efficiency and sustainable roof measures are part of the mandatory Green Building Prerequisites. The sustainability worksheet includes multiple solar energy-related items such as solar panels, canopies, solar-ready designs, solar-heated pools, and solar generators. In addition, the City's new administrative building and the EV bus transit and maintenance station are being designed to achieve LEED Gold certification, with multiple solar energy considerations incorporated. Furthermore, the City's Sustainability Action Plan and Climate Action Plan include several solar-related initiatives. These initiatives encompass requiring solar photovoltaics for new and substantially improved residential and commercial buildings, establishing partnerships to provide low-interest loans for solar and energy efficiency improvements, promoting the use of community solar programs in single and multi-family housing, and implementing solar thermal systems. The latter aims to replace electric or natural gas-powered water heaters with solar water heaters, which can reduce annual energy consumption for water heating in fire stations and the police building by 93%.

 **Q20.** Is equity being embedded into Mitigation Action #3? Please indicate your progress toward embedding equity in this action with “1” indicating no progress and “5” indicating significant progress. Below are several suggested ways that a local/tribal government can embed equity into this climate action provided as supportive guidance. This is not meant to be exhaustive of every possible action. Respondents can include actions not included in this list. For more guidance, visit the full document on the Compact website. The municipality should model best practices regarding solar energy i.e. identifying which parks, public places, or schools currently utilize or plan to utilize solar energy. Record the savings before and after installation Include community leaders and members in program design Consider ways renters can reap benefits of solar, e.g. community solar projects Solar permitting should be expedited and fee-free Devote money/personnel to support and promote solar co-ops Provide education on lower cost ways for residents to go solar, such as SolarTogether and existing solar co-ops ▲

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 **Q21.** Please provide a brief explanation of the ways in which you are embedding equity into Mitigation Action #3. ▲

The City of Hallandale Beach collaborates with local partners and vendors to promote and facilitate the adoption of solar energy. As part of the City's Climate Action Plan (CAP), efforts to establish partnerships for providing low-interest loans for solar and energy efficiency improvements are specifically aimed at embedding equity in these initiatives.

 **Q22.** Please provide any supporting documents under Mitigation Action #3. Max upload of five (5) files only. *Did not answer* ▶


Q23. Please indicate as to why you've been unable to advance activities related to Mitigation Action #3? Please select all that apply. *Skipped due to logic* ▶

 **Q24.** What resources could assist you in advancing this action? *Skipped due to logic* ▶


Q25. Describe the progress your local/tribal government has made related to Mitigation Action #4. Please select all that apply. ▲

In the past several years we have advanced/completed work related to this priority action that is still relevant today.


We actively advanced activities related to this priority action in this reporting year (CY 2023).

 **Q26.** Provide a brief description of the work you are advancing related to Mitigation Action #4. This is not meant to be an exhaustive list, but rather a list of the most impactful actions. ▲

The City of Hallandale Beach has expanded its fleet to include over 30 electric vehicles (EVs) and recently added 9 EV buses to its operations. The City is actively working on developing EV charging stations for both public use and City operations. The new administrative building and the EV bus transit and maintenance stations are being designed to include EV charging stations with solar canopies. Additionally, as part of the City's Green Building Program, installing EV charging stations in the parking areas of new buildings is a criterion in the sustainability worksheet.

 **Q27.** Is equity being embedded into Mitigation Action #4? Please indicate your progress toward embedding equity in this action with “1” indicating no progress and “5” indicating significant progress. Below are several suggested ways that a local/tribal government can embed equity into this climate action provided as supportive guidance. This is not meant to be exhaustive of every possible action. Respondents can include actions not included in this list. For more guidance, visit the full document on the Compact website. Involve the community in evaluation of this action's progress Evaluate how low-income and/or communities of color access mobility and their relative air pollution exposure burden, and utilize this information to inform any EV strategy for the municipality Offer technical assistance to community groups working to advance this goal Offer streamlined permitting, lower to no fees, and other incentives for EV charging projects Analyze fuel and maintenance savings from EV switch and use the savings to create a charger fund Meetings/workshops for education/outreach should take place at a variety of times, including evenings, offer food and childcare to reduce barriers to attendance and participation. The meetings should be advertised by a community-based communications and outreach consultant/partner who is from the targeted community(ies). The advertising efforts should include a variety of mediums and start at least a week prior to the meeting. The communications/outreach consultant should reach at least 300 people in advertising for the meeting ▲

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 **Q28.** Please provide a brief explanation of the ways in which you are embedding equity into Mitigation Action #4. ▲

The City of Hallandale Beach is considering several equity-focused actions in CAP and SAP to support the adoption of electric vehicles (EVs): Install EV chargers in public parking lots and high-use municipal facilities. Ensure EV charging is available for municipal employees. Require EV charging stations in all new commercial developments and redevelopments, including multi-family housing. Establish incentives for existing residential and multi-family

commercial buildings to upgrade electric panels and install EV chargers. Design and plan EV bus routes to pass through low-income neighborhoods and underserved communities, ensuring that residents in these areas have access to reliable and environmentally friendly public transportation options. This approach promotes equitable access to transit services, reducing transportation barriers and supporting community mobility.

 Q29. Please provide any supporting documents under Mitigation Action #4. Max upload of five (5) files only. *Did not answer* ▶


Q30. Please indicate as to why you've been unable to advance activities related to Mitigation Action #4? Please select all that apply. *Skipped due to logic* ▶

 Q31. What resources could assist you in advancing this action? *Skipped due to logic* ▶


Q32. Describe the progress your local/tribal government has made related to Mitigation Action #5. Please select all that apply. ▲

In the past several years we have advanced/completed work related to this priority action that is still relevant today.


We actively advanced activities related to this priority action in this reporting year (CY 2023).

 Q33. Provide a brief description of the work you are advancing related to Mitigation Action #5. This is not meant to be an exhaustive list, but rather a list of the most impactful actions. ▲

The City of Hallandale Beach's Climate Action Plan (CAP) includes several actions aimed at promoting sustainable transportation and reducing vehicle miles traveled (VMT): Develop street standards that incorporate protected bike and pedestrian areas/lanes to make streets safer and more welcoming for pedestrians and cyclists. Deploy micro-mobility options, such as e-scooters and e-bikes, along with their chargers where appropriate, throughout the City's transit network. Develop and adopt a Bike & Pedestrian Master Plan for the City. Require that the movement of traffic (MOT) for pedestrians and ADA access be reviewed and ensured for future development and City projects. Additionally, the City has adopted an Expanded Service Hours Work Week, transitioning City operations to an extended service hour model where work schedules shift from a 5-day week to a 4-day week. These initiatives collectively aim to reduce VMT and promote more sustainable and equitable transportation options.

 Q34. Is equity being embedded into Mitigation Action #5? Please indicate your progress toward embedding equity in this action with "1" indicating no progress and "5" indicating significant progress. Below are several suggested ways that a local/tribal government can embed equity into this climate action provided as supportive guidance. This is not meant to be exhaustive of every possible action. Respondents can include actions not included in this list. For more guidance, visit the full document on the Compact website. Meaningfully include community members who rely on public transit as a primary form of transportation at the decision-making table when it comes to accessing mobility needs and planning future changes/improvements To encourage adoption of working from home to reduce overall VMT, partner with telecommunications company to ensure there is access throughout the municipality to high-speed internet and that communities are not left behind in the digital divide Develop codes or policies encouraging the use of pedestrian-friendly planning options like complete streets and parks no less than 'x' miles from every home Ensure annual budget allocation to maintain sidewalks and build them where they don't exist to connect low-income communities or communities of color to transit stops Host listening sessions, focus groups, and workshops to understand what is and isn't working. Prioritize riders but also those that are unable to use public transit to understand obstacles to ridership Build programs around these solutions and include transit workers in these discussions ▲

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 Q35. Please provide a brief explanation of the ways in which you are embedding equity into Mitigation Action #5. ▲

Improving bike and pedestrian safety and ensuring equity in infrastructure expansion are key actions related to promoting equity in the City's initiatives. These efforts aim to provide safe and accessible transportation options for all residents, particularly in underserved and low-income communities.

 Q36. Please provide any supporting documents under Mitigation Action #5. Max upload of five (5) PDFs only. *Did not answer* ▶

Q37. Please indicate as to why you've been unable to advance activities related to Mitigation Action #5? Please select all that apply. *Skipped due to logic* ▶

 Q38. What resources could assist you in advancing this action? *Skipped due to logic* ▶

- Q39. Describe the progress your local/tribal government has made related to Adaptation Action #1. Please select all that apply. This should include identifying potential staff and financial resources/capacity. In some cases, staff/resources may already be supporting activities and projects that help support and advance adaptation/resilience, but not identified as such. Should sufficient internal capacity not exist, seek support from your county, other municipalities, and other potential partners and develop a plan for how your city will prioritize capacity for adaptation/resilience-building work. ▲

In the past several years we have advanced/completed work related to this priority action that is still relevant today.

We actively advanced activities related to this priority action in this reporting year (CY 2023).

- Q40. Provide a brief description of the work you are advancing related to Adaptation Action #1. This is not meant to be an exhaustive list, but rather a list of the most impactful actions. ▲

During the preparation of the Sustainability Action Plan and Climate Action Plan, the City of Hallandale Beach established an internal work group for each focus area. These groups included experts from various departments to develop comprehensive plans, strategies, initiatives, and projects. As part of the Sustainability Action Plan, the City is also developing a sustainability communication plan. This plan identifies all internal and external stakeholders, their roles, and various communication mechanisms. The objective is to enhance organizational capacity and improve information flow throughout the entire organization.

- Q41. Is equity being embedded into Adaptation Action #1? Please indicate your progress toward embedding equity in this action with "1" indicating no progress and "5" indicating significant progress. Below are several suggested ways that a local/tribal government can embed equity into this climate action provided as supportive guidance. This is not meant to be exhaustive of every possible action. Respondents can include actions not included in this list. Assess the capacity to include equity considerations, including community engagement & outreach. Assessment includes consideration of how well prepared the community is to advance adaptation initiatives in more vulnerable/disinvested communities. Assess agency understanding of inequity and historic environmental wrongs in the community (and how inequities may be exacerbated by government practices/policies). Provide training for staff, emphasizing the importance of correcting these issues and avoiding further harms in the future. Assess areas of the municipality that have been disinvested or are low-income. Staff has worked to build and maintain relationships and trust with community-based organizations, key thought leaders, and residents in the areas of the municipality which have been disinvested. Assess and collaborate with Departments that provide/direct social services to residents or that work on equity as adaptation partners. ▲

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- Q42. Please provide a brief explanation of the ways in which you are embedding equity into this adaptation action? ▲

The City of Hallandale Beach has integrated sustainability into employment training programs to increase participation and opportunities for all residents. Additionally, the City has developed and adopted a Green Purchasing Program/Policy that prioritizes the purchase of consumables, durable goods, and cleaning products and materials that enhance ecological sensitivity. The City holds monthly Sustainability Advisory Board meetings, open to the public, to provide updates on sustainability efforts and listen to residents' concerns, taking action to address these issues. Moreover, other City departments, such as Parks and Human Services, offer social services, including food and clothing, to disinvested and low-income residents, ensuring that equity considerations are integrated into all aspects of City operations.

- Q43. Please provide any supporting documents under Adaptation Priority Action #1. Max upload of five (5) files only. *Did not answer* ▶

- Q44. Please indicate as to why you've been unable to make progress in Adaptation Action #1? Select all that apply. *Skipped due to logic* ▶

- Q45. What resources could assist you in advancing this action? *Skipped due to logic* ▶

- Q46. Describe the progress your local/tribal government has made related to Adaptation Action #2. Please select all that apply. Conduct vulnerability analysis of hazards related to climate change including, but not limited to, sea level rise, tidal flooding, saltwater intrusion, extreme weather, heat. The analysis should assess exposure and sensitivity of various assets including, but not limited to critical infrastructure, communities/populations, historic/cultural assets, transportation, natural resources, and economic assets. Assessment should seek to identify what factors contribute to elevated exposure and sensitivity, and what physical, social, institutional, human, and financial capacities exist to adapt, and where there are gaps. ▲

In the past several years we have advanced/completed work related to this priority action that is still relevant today.

We actively advanced activities related to this priority action in this reporting year (CY 2023).

A Q47. Provide a brief description of the work you are advancing related to Adaptation Action #2. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

The City of Hallandale Beach has prepared a Vulnerability and Adaptation Plan (VAAP) to analyze the risks of flooding, future precipitation, groundwater change, and shoreline recession. As part of this effort, the City conducted a flood vulnerability and loss assessment for City-owned and commercial facilities/properties and developed various adaptation strategies and short- and long-term adaptation projects. The plan is currently being updated based on new projections and state requirements. This project includes a comprehensive vulnerability assessment pursuant to Section 380.093 of the Florida Statutes for the City of Hallandale Beach. It will examine the exposure of the City's critical assets to high tide flooding, storm surge, and compound flooding, analyze these risks, and develop adaptation recommendations. Additionally, the project will engage residents in focus group discussions to review and discuss the results.

Q48. Is equity being embedded into Adaptation Action #2? Please indicate your progress toward embedding equity in this action with "1" indicating no progress and "5" indicating significant progress. Below are several suggested ways that a local/tribal government can embed equity into this climate action provided as supportive guidance. This is not meant to be exhaustive of every possible action. Respondents can include actions not included in this list. Consider all properties, people, and communities equally in the Vulnerability Analysis or Assessment. The methodology should not prioritize or focus on areas with higher taxable value. If study scope includes proposing adaptation strategies, those strategies considered should be prioritized based on potential to reduce risk to human life and other key indicators based on community members' experiences. Include opportunities for meaningful community input as part of the vulnerability analysis process. Use community feedback and information based on stakeholder experiences in the data analysis. Incorporate community feedback via asset-mapping exercises, seek assistance with prioritizing/ weighing criteria for the vulnerability assessment, ground-truth the findings of the analysis, etc. Include a social vulnerability assessment as part of the overall vulnerability assessment. At minimum, Federal SOVI or SVI maps can be used, but ideally the assessment should be rooted in the community itself. Depending on the type of project, the following social factors may be relevant to include in your analysis: redlining, low- and moderate-income populations, energy burden, rent/cost of living burden, language spoken at home, vehicles per household, elderly residents, average year built of housing, and tree canopy, among others. Include an assessment of organizations in the community that may help advance the municipality's adaptive capacity, or organizations which will help communicate with populations frequently unengaged by government.

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A Q49. Please provide a brief explanation of the ways in which you are embedding equity into this adaptation action?

The City of Hallandale Beach's Vulnerability and Adaptation Plan (VAAP) considers City-owned and commercial properties city-wide. A gap in the previous assessments—residential properties—will be addressed in the ongoing study. The past vulnerability assessment included socio-economic variables such as households below the poverty line, workers relying on public transportation, populations younger than 18 and older than 64, Hispanic and African American populations, and the unemployed population. The economic section of the study examined the sales volume and number of jobs associated with properties identified as having high or medium combined vulnerability and risk for each threat. Based on the past vulnerability assessment, the City developed prioritized adaptation strategies, considering feasibility, social, economic, and environmental benefits, as well as adaptive capacity. During the development of the VAAP, the City conducted a public workshop to gather community input and prioritize strategies and projects. For the ongoing project, this workshop will be conducted with greater depth and detail to ensure comprehensive community engagement and consideration of equity.

Q50. Please provide any supporting documents under Adaptation Priority Action #2. Max upload of five (5) files only. *Did not answer*

Q51. Please indicate as to why you've been unable to make progress in Adaptation Action #2? Select all that apply. *Skipped due to logic*

A Q52. What resources could assist you in advancing this action? *Skipped due to logic*

Q53. Describe the progress your local/tribal government has made related to Adaptation Action #3. Please select all that apply.

In the past several years we have advanced/completed work related to this priority action that is still relevant today.

We actively advanced activities related to this priority action in this reporting year (CY 2023).

A Q54. Provide a brief description of the work you are advancing related to Adaptation Action #3. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

The City of Hallandale Beach's resiliency plan is an integral part of the Sustainability Action Plan, Climate Action Plan, and Vulnerability Assessment and Adaptation Plan (VAAP). The City has prepared a VAAP to analyze the risks of flooding, future precipitation, groundwater change, and shoreline recession. As part of this effort, the City conducted a flood vulnerability and loss assessment for City-owned and commercial facilities/properties and developed various short- and long-term adaptation strategies and projects, including: Lift station rehabilitation Installation of check valves for stormwater outfalls Development of resilient beach access points Marina seawall rehabilitation Implementation of low impact development (LID)

techniques on City streets Establishment of a Resilience Hub Raising of critical roads and bridges Relocation of critical facilities These measures are designed to enhance the City's resilience to climate-related risks and ensure the safety and well-being of its residents and infrastructure.

Q55. Is equity being embedded into Adaptation Action #3? Please indicate your progress toward embedding equity in this action with "1" indicating no progress and "5" indicating significant progress. Below are several suggested ways that a local/tribal government can embed equity into this climate action provided as supportive guidance. This is not meant to be exhaustive of every possible action. Respondents can include actions not included in this list. Provide multiple benefits or co-benefits in disinvested communities based upon community input Prioritize the solutions/resources in the Plan by their potential to reduce risk rather than by geography, property values, or income Engage and collaborate with the community as part of the development of the Plan Ensure at least 50% of the solutions come directly from community members and/or organizations that represent community members from disinvested communities Use an Equity Toolkit to identify and correct any unintended impacts (and potential benefits) of actions within that Plan on low-income disinvested communities, or communities of color. Ensure the toolkit for each action is made public for accountability and discussion Develop metrics and milestones that are reported on publicly so the municipality can be held accountable. Set expectations with the community on the format and frequency of reporting Ensure solutions sufficiently address all climate threats. Take into consideration how climate threats affect individuals and neighborhoods differently (based on various factors including social determinants of health) Include a mix of solutions including a mix of policy and capital projects. Capital projects should include a plan and budget for upkeep and maintenance Include strategies that protect the lives and health of outdoor workers

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Q56. Please provide a brief explanation of the ways in which you are embedding equity into this adaptation action?

The City of Hallandale Beach's Vulnerability and Adaptation Plan (VAAP) considers City-owned and commercial properties city-wide. A gap in previous assessments—residential properties—will be addressed in the ongoing study. The past vulnerability assessment included socio-economic variables such as households below the poverty line, workers relying on public transportation, populations younger than 18 and older than 64, Hispanic and African American populations, and the unemployed population. The economic section of the study examined the sales volume and number of jobs associated with properties identified as having high or medium combined vulnerability and risk for each threat. Based on the past vulnerability assessment, the City developed prioritized adaptation strategies, considering feasibility, social, economic, and environmental benefits, as well as adaptive capacity. During the development of the VAAP, the City conducted a public workshop to gather community input and prioritize strategies and projects. For the ongoing project, this workshop will be conducted with greater depth and detail to ensure comprehensive community engagement and consideration of equity.

Q57. Please provide any supporting documents under Adaptation Priority Action #3. Max upload of five (5) files only. *Did not answer*

Q58. Please indicate as to why you've been unable to make progress in Adaptation Action #3? Select all that apply. *Skipped due to logic*

Q59. What resources could assist you in advancing this action? *Skipped due to logic*

Q60. Describe the progress your local/tribal government has made related to Adaptation Action #4. Please select all that apply. This may include comprehensive plans, housing initiatives, post-disaster redevelopment plans, stormwater management plans, transportation plans, and land development regulations, inclusive of low-impact development. Sea Level Rise projections should be included in all planning activities.


In the past several years we have advanced/completed work related to this priority action that is still relevant today.

We actively advanced activities related to this priority action in this reporting year (CY 2023).



Q61. Provide a brief description of the work you are advancing related to Adaptation Action #4. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

The City of Hallandale Beach has developed a Post-Disaster Redevelopment Plan that serves as a framework to help the City and its partners organize and prepare for natural disasters. Under the Vulnerability and Adaptation Plan (VAAP), the City has formulated several strategies and projects, including: Marina Seawall Rehabilitation: Raising the City marina seawall to enhance flood protection. Low Impact Development (LID) for City Streets: Developing a pilot LID project to improve stormwater controls and flood resilience for city streets. Additionally, the City has implemented several regulatory measures to mitigate sea level rise and enhance flood resilience: Seawall Requirements Ordinance: Article III of Section 8 in the Hallandale Beach City Code of Ordinances outlines seawall requirements for floodplain management, aimed at reducing sea level rise risk. Resiliency Standards for Tidal Flood Protection: These standards are included in the City Code of Ordinances to ensure comprehensive tidal flood protection. The City's Emergency Operations Center (EOC) is another vital resource for risk reduction, particularly for flooding. The EOC meets frequently to review, modify, and improve existing emergency action items, ensuring that the City is well-prepared for any disaster.

Is equity being embedded into Adaptation Action #4? Please indicate your progress toward embedding equity in this action with “1” indicating no progress and “5” indicating significant progress. Below are several suggested ways that a local/tribal government can embed equity into this climate action provided as supportive guidance. This is not meant to be exhaustive of every possible action. Respondents can include actions not included in this list. Engage and collaborate with the community as part of the development of the Plan. Ensure that at least 50% of the solutions come directly from community members and/or organizations that represent community members from disinvested communities. Design and write the Plan to protect all communities equally and encourage risk reduction in areas most vulnerable to the impacts of climate change. The Plan also takes into account unintended consequences—such as gentrification—and provides solutions to mitigate/diminish negative impacts posed by solutions. Include an equity statement and explicitly state how equity was included in the development of the Plan and how equity was integrated into the recommendations. For redevelopment-specific actions or plans, ensure they are designed to improve conditions and resilience for burdened or disinvested communities rather than restore them to their current condition. Use an Equity Toolkit to identify and correct any unintended impacts (and potential benefits) of any Plan, policy, or budget decision on low-income disinvested communities, or communities of color. Ensure the toolkit for each policy/plan/budget decision is made public for accountability and discussion. List the affirmative steps made to incorporate and to include community input. Proactively consider equitable relocation strategies wherever it may be necessary. Include ways to minimize/eliminate displacement and incorporate equitable outcomes for existing communities in all relevant Plans.


-  Q62. provides solutions to mitigate/ diminish negative impacts posed by solutions Include an equity statement and explicitly state how equity was included in the development of the Plan and how equity was integrated into the recommendations For redevelopment-specific actions or plans, ensure they are designed to improve conditions and resilience for burdened or disinvested communities rather than restore them to their current condition Use an Equity Toolkit to identify and correct any unintended impacts (and potential benefits) of any Plan, policy, or budget decision on low-income disinvested communities, or communities of color. Ensure the toolkit for each policy/plan/budget decision is made public for accountability and discussion List the affirmative steps made to incorporate and to include community input Proactively consider equitable relocation strategies wherever it may be necessary Include ways to minimize/eliminate displacement and incorporate equitable outcomes for existing communities in all relevant Plans

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 Q63. Please provide a brief explanation of the ways in which you are embedding equity into this adaptation action? 

The City of Hallandale Beach’s Post-Disaster Redevelopment Plan ensures that all citizens city-wide are included equally. Additionally, the City has developed a Sustainability and Flood Mitigation Advisory Board to communicate with residents, gather their concerns, and receive recommendations. The City’s Emergency Operations Center (EOC) places special emphasis on burdened or disinvested communities when developing and implementing the emergency action plan, ensuring that equity considerations are integral to emergency preparedness and response efforts.

 Q64. Please provide any supporting documents under Adaptation Priority Action #4. Max upload of five (5) files only. *Did not answer* 



Q65. Please indicate as to why you’ve been unable to make progress in Adaptation Action #4? Select all that apply. *Skipped due to logic* 

 Q66. What resources could assist you in advancing this action? *Skipped due to logic* 

Q67. Describe the progress your local/tribal government has made related to Adaptation Action #5. Please select all that apply. This may include improving stormwater management practices, adopting urban heat policies, updating infrastructure standards, conducting remediation of contaminated sites, and updating building codes. 


In the past several years we have advanced/completed work related to this priority action that is still relevant today.

We actively advanced activities related to this priority action in this reporting year (CY 2023).

 Q68. Provide a brief description of the work you are advancing related to Adaptation Action #5. This is not meant to be an exhaustive list, but rather a list of the most impactful actions. 

In Hallandale Beach, the city’s regulatory framework includes several key policies aimed at enhancing sustainability and resilience. These include the Code of Ordinances, Sustainability Action Plan, Climate Action Plan, Vulnerability Assessment and Adaptation Plan, Post-Disaster Recovery Plan, Green Event Policy, Green Building Program, and Sustainability Practice Policy. Additionally, significant policies addressing sustainability and resilience are the Seawall Requirements Ordinance for floodplain management, Resiliency Standards for Tidal Flood Protection, and Green Building Program.

Is equity being embedded into Adaptation Action #5? Please indicate your progress toward embedding equity in this action with “1” indicating no progress and “5” indicating significant progress. Below are several suggested ways that a local/tribal government can embed equity into this climate action provided as supportive guidance. This is not meant to be exhaustive of every possible action. Respondents can include actions not included in this list. Engage and collaborate with the community as part of the development of the Plan. Ensure that at least 50% of the solutions come directly from community members and/or organizations that represent community members from disinvested communities. Ensure policy is written to protect all communities equally and that it encourages risk reduction in areas most vulnerable to the impacts of climate change. The policy should also take into account unintended consequences—such as gentrification—and provide solutions to mitigate/diminish negative impacts posed by solutions. Policies are written to improve the resilience of disinvested communities. Policies are written to ensure equal access to new or proposed technology (e.g. public EV charging locations). Policies are written to improve conditions for disinvested communities through stronger remediation requirements or stormwater considerations. Ensure contamination is not a barrier to adaptation. Remediate past harms while working to adapt to future threats, and take those future threats (like flooding) into consideration when selecting clean-up alternatives. Apply for EPA Brownfields grants if funding is the major obstacle. Use an Equity Toolkit to identify and correct any unintended impacts (and potential benefits) of any policy on low-income disinvested communities or communities of color. Ensure the toolkit for each policy decision is made public for accountability and discussion.

-  Q69. provide solutions to mitigate/diminish negative impacts posed by solutions Policies are written to improve the resilience of disinvested communities Policies are written to ensure equal access to new or proposed technology (e.g. public EV charging locations) Policies are written to improve conditions for disinvested communities through stronger remediation requirements or stormwater considerations Ensure contamination is not a barrier to adaptation. Remediate past harms while working to adapt to future threats, and take those future threats (like flooding) into consideration when selecting clean-up alternatives. Apply for EPA Brownfields grants if funding is the major obstacle Use an Equity Toolkit to identify and correct any unintended impacts (and potential benefits) of any policy on low-income disinvested communities or communities of color. Ensure the toolkit for each policy decision is made public for accountability and discussion

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A Q70. Please provide a brief explanation of the ways in which you are embedding equity into this adaptation action? ▲

The City has enhanced stormwater management practices and established a Sustainability and Flood Advisory Board to involve community members in planning and solutions. It prioritizes equitable inclusion of all communities and implements risk reduction measures in areas most susceptible to climate change impacts. The Emergency Operations Center (EOC) of the City places particular emphasis on marginalized or underserved communities in the development and execution of the emergency action plan, ensuring that equity considerations are central to preparedness and response efforts.

Q71. Please provide any supporting documents under Adaptation Priority Action #5. Max upload of five (5) files only. *Did not answer* ▶

Q72. Please indicate as to why you've been unable to make progress in Adaptation Action #5? Select all that apply. *Skipped due to logic* ▶

A Q73. What resources could assist you in advancing this action? *Skipped due to logic* ▶

Q74. Describe the progress your local/tribal government has made related to Adaptation Action #6. Please select all that apply. This may include living shorelines, water infrastructure, resilience hubs, parks & open spaces, urban greening, tidal valves, pump stations, road/bridge elevation. ▲

In the past several years we have advanced/completed work related to this priority action that is still relevant today.

We actively advanced activities related to this priority action in this reporting year (CY 2023).

A Q75. Provide a brief description of the work you are advancing related to Adaptation Action #6. This is not meant to be an exhaustive list, but rather a list of the most impactful actions. ▲

The City develops a 5-year Capital Improvement Plan (CIP) schedule aligned with its Comprehensive Plan's Capital Improvement Element. This plan encompasses projects across various categories such as facilities, transportation, parks and recreation, sustainability initiatives, stormwater management, technology upgrades, fleet enhancements, wastewater improvements, and water infrastructure projects.

Q76. Is equity being embedded into Adaptation Action #6? Please indicate your progress toward embedding equity in this action with "1" indicating no progress and "5" indicating significant progress. Below are several suggested ways that a local/tribal government can embed equity into this climate action provided as supportive guidance. This is not meant to be exhaustive of every possible action. Respondents can include actions not included in this list. Engage and collaborate with the community as part of the development of the Plan. Ensure at least 50% of the solutions come directly from community members and/or organizations that represent community members from disinvested communities. Capital projects benefit all community members equally. Low-income disinvested communities, or communities of color are prioritized (i.e. for green spaces, resilience hubs, parks etc.) Prioritize resilience capital projects by the potential to reduce risk to human life and critical infrastructure rather than based on income or tax value. Display resilience capital projects on a map with underlying layers showing demographics such as race, income, etc. to visually show that investments are not only being made to benefit high-tax value and/or waterfront properties. This map should also speak to the amount of investment in different parts of the municipality, including disinvested areas. Use an Equity Toolkit to identify and correct any unintended impacts (and potential benefits) of any capital project on low-income, disinvested communities, or communities of color. Ensure the toolkit for each project is made public for accountability and discussion. Ensure capital projects also take into account unintended consequences such as gentrification and provide solutions to mitigate/diminish negative impacts posed by solutions. Ensure the burden of public funding for capital projects is equitable across communities. Include a plan for upkeep and maintenance for any capital project. List the affirmative acts of community outreach. ▲

3

A Q77. Please provide a brief explanation of the ways in which you are embedding equity into this adaptation action? ▲

The City has established a prioritization process for implementing capital projects, which includes equity considerations as a key criterion. Projects are evaluated based on their ability to serve all community members, including racial and ethnic minorities (as defined by the US Census Bureau), youth (ages 10-17), older adults (ages 65 and older), individuals living below the poverty line, those with limited English proficiency, and people with disabilities. This ensures equitable access to goods and services for all residents.

Q78. Please provide any supporting documents under Adaptation Priority Action #6. Max upload of five (5) files only. *Did not answer* ▶

Q79. Please indicate as to why you've been unable to make progress in Adaptation Action #6? Select all that apply. *Skipped due to logic* ▶

Q80. What resources could assist you in advancing this action? *Skipped due to logic* ▶