

Survey Metrics

Date Metrics

Start Date	7-May-24
End Date	16-Sep-24

Deployment Metrics

Sent	27
Delivered	27
Bounced	0

Response Metrics

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

Individual Responses

Response No:
26

Email ID:
L71458170

Participation Time:
9/3/2024 18:36

IP Address:
136.226.58.172

Q1. Local/Tribal Government ▲

Miami Beach

Q2. County ▲

Miami-Dade County

Q3. Key Staff Contact ▲

Q3 a. Key Staff Contact: Name

Juanita Ballesteros

Q3 b. Key Staff Contact: Title

Sustainability and Resilience Manager

Q3 c. Key Staff Contact: Email Address

JuanitaBallesteros@miamibeachfl.gov

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. ▲

In April 2021, the Miami Beach Mayor and City Commission unanimously adopted Resolution No. 2021-31664 declaring climate change to be caused by "human activity" and pledging to achieve net-zero GHG emissions by 2050. (<https://www.mbrisingabove.com/wp-content/uploads/2021-31664-Resolution.pdf>) The baseline inventory for the City of Miami Beach was compiled by the Environment & Sustainability (E&S) Department in 2014. An annual community-wide and government operations GHG inventory is compiled each year. The GHG inventory guides and supports the creation of emission reduction programs and policies. (<https://www.mbrisingabove.com/climate-mitigation/green-house-gases/>) The City is currently working on its first Climate Action Plan which will prioritize high impact actions to reduce GHG emissions and set GHG emissions reduction targets. (<https://www.mbrisingabove.com/your-city-atwork/resilience-strategy/climate-action-plan>) The Comprehensive Plan includes policy objective for reduction of carbon emissions. (<https://www.miamibeachfl.gov/wpcontent/uploads/2022/12/2040-Comprehensive-Plan-9-14-2022-Adopted-Compressed.pdf>) The City is actively reviewing and strategizing for federal grant funding through the IRA and BIL, among other funding opportunities. In October 2015, Resolution 2015-29156 was adopted, authorizing the Mayor, on behalf of the City, to sign a letter of intent to join the Compact of Mayors and pledge to reduce greenhouse gas emissions, track progress towards greenhouse gas reduction goals.

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 has created a public website with open data and information about all of its resilience and climate adaptation and mitigation programs and policies. (<https://www.mbrisingabove.com/climate-mitigation/green-house-gases/>) The Climate Action Plan has incorporated community engagement through online feedback surveys, a virtual public workshop, and an in-person tabling activity at a community fair.

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's Green Building Ordinance requires new construction over 7,000 square feet to receive LEED Gold certification or Living Building Challenge certification. (https://www.mbrisingabove.com/climate-adaptation/green-infrastructure/green-buildingordinance/) The City utilizes the electric utility bill management system, EnergyCAP, to track electricity consumption in all municipal buildings, analyze trends, and identify opportunities for energy efficiency projects. The City is currently working on its first Climate Action Plan which will prioritize high impact actions to reduce GHG emissions and set GHG emissions reduction targets. A focus area for the CAP is energy consumption in buildings. (https://www.mbrisingabove.com/yourcity-at-work/resilience-strategy/climate-action-plan/) The City provides links for resources for energy efficiency and energy conservation, such EnergyStar Portfolio Manager, a free and publicly available online tool, for assessing energy efficiency of buildings. The City also encourages participation in the County's BE305 program. (https://www.mbrisingabove.com/yourhome/energy-conservation/) The City of Miami Beach recently completed an energy assessment of its municipal buildings; a consultant performed an energy audit of the City's energy consumption and expenditures and looked at equipment operating conditions to identify cost-effective energy solutions. The consultant utilized this analysis to prioritize the highest impact projects and will provided a report of the top 5 energy efficiency projects/strategies. The City has conducted virtual and in-person community outreach related to energy efficiency and energy conservation. For example, the City has provided a grant to Dream In Green to provide WE-Lab workshops for the community promoting energy efficiency and reduction.

M 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 ▲

2

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

Public hearing fees are waived for the installation of sustainable roofing systems which includes green roofs, blue roofs, cool roofs, and rooftop solar. Certain permit fees are waived for renewable energy/solar systems and EV charging stations installations. The City has worked with a local non-profit organization (Dream in Green) to provide community workshops (WE-LAB) on energy and water efficiency and give take-home kits to implement strategies at home. The City has amended its Green Building Ordinance to provide exemptions for workforce and affordable housing. The City provides online resources to promote the use of EnergyStar Portfolio Manager, a free and publicly available online tool, for assessing energy efficiency of buildings. (https://www.mbrisingabove.com/your-home/energy-conservation/).

P 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* ▶

A 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).

A 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. ▲

Through the SolSmart program, an advisor reviewed the City of Miami Beach Code to identify barriers. Following their recommendations, several updates were made including residential height exception for solar, and accessory use for PV in all districts. In 2019, the City achieved SolSmart Gold designation for its implementation of policies and procedures to remove barriers to solar. (https://www.mbrisingabove.com/wp-content/uploads/LTC-260-2019.pdf) The City has partnered with non-profit organization Solar United Neighbors to develop and implement a solar co-op program along with Miami-Dade County and other community partners. Solar United Neighbors (SUN) has presented on solar co-op to the resident Sustainability Committee among other community workshops. The City promoted SUN's solar coop when it opens every year.

(<https://www.mbrisingabove.com/climate-mitigation/renewableenergy/solar-co-op/>) For some City projects, conditions for solar are assessed to determine feasibility and cost. Staff is currently analyzing the feasibility of installing solar arrays on the Fleet facility. The Facilities and Fleet Management Department has submitted a budget request for a solar energy system installation on their municipal building. Solar related building permit fees are waived. (<https://www.mbrisingabove.com/wp-content/uploads/2018/07/2017-4130-Ordinance.pdf>) Land Development and Permitting fees are waived for renewable energy systems. (<https://www.mbrisingabove.com/wpcontent/uploads/2018/07/2017-4130-Ordinance.pdf>) Ordinance which creates height exceptions to allow for solar panels. (<https://www.mbrisingabove.com/wpcontent/uploads/2018/07/2017-4124-Ordinance.pdf>) The City is approved to purchase a solar EV charging station through its Energy Efficiency and Conservation Block Grant (EECBG) grant.

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

2

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

The solar related building permit fees are waived. (<https://www.mbrisingabove.com/wpcontent/uploads/2018/07/2017-4130-Ordinance.pdf>) The Land Development and Permitting fees are waived for renewable energy systems. (<https://www.mbrisingabove.com/wpcontent/uploads/2018/07/2017-4130-Ordinance.pdf>) Ordinance which creates height exceptions to allow for solar panels. (<https://www.mbrisingabove.com/wp-content/uploads/2018/07/2017-4124-Ordinance.pdf>) In 2019, the City of Miami Beach achieved the SolSmart Gold designation, for its efforts to reduce barriers to solar for the community and streamlined its solar permit process. An advisor from SolSmart reviewed the City's code to identify any barriers to solar and provided recommendations. The City implemented those recommendations to reach Gold designation. (<https://www.mbrisingabove.com/wp-content/uploads/LTC-260-2019.pdf>) The City has partnered with a non-profit organization on a solar co-op program and collaborated with various organizations for community outreach. (<https://www.mbrisingabove.com/climate/mitigation/renewable-energy/solar-co-op/>) The City is intending to purchase a solar EV charging station through its Energy Efficiency and Conservation Block Grant (EECBG) grant. Part of the program will include transporting this charger throughout the City, focusing on disadvantaged neighborhoods.

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.

A new agreement with Blink was recently approved for installation and maintenance of EV chargers. There are currently Blink chargers at the following locations: 1900 Bay Road (2); 13 th Street Garage (2); 42 nd Street Garage (2); 12 th Street Garage (2); City Hall garage (2); 17 th Street Garage (2); Convention Center Loading Dock (2); Convention Center Parking Deck 4 th Fl. (14); Convention Center Parking Deck 5 th Fl. (14); and 340 23 rd Street - Collins Park Garage (5). There are also Tesla Superchargers at the Pennsylvania Ave Parking Garage (10). The City has entered into an agreement with Florida Power & Light (FPL) for the installation of level 3 fast-charging stations citywide. The agreement will have an initial term of 10 years. (<https://docmgmt.miamibeachfl.gov/WebLink/PDF/dd2060ed-2377-4533-ab26-60ad8f445ba6/Resolution%202023-32696.pdf>) Educational materials available on our website including a map of available EV charging stations in the City. The EV Ready Ordinance was amended to increase the minimum requirements for electric vehicle parking spaces and charging stations. The Miami Beach Citywide Hybrid Vehicle Parking Permit program allows residents with a qualifying hybrid/EV vehicle to obtain a residential parking decal at a 50% discount. (<https://www.miamibeachfl.gov/city-hall/parking/permit-programs/hybrid-vehicle-parking/>) Fleet Division has set an ambitious goal to convert half of the municipal fleet to a combination of hybrid, plug-in hybrid, and fully electric vehicles by 2025 and is recommending that compact vehicles and SUVs be replaced with plug-in electric hybrid vehicles to departments for which it fits their operations and needs. In early 2024, the City procured its first all-electric cargo van, a Ford E-Transit, for the Parks and Recreation Department. The City is approved to purchase a solar EV charging station through its Energy Efficiency and Conservation Block Grant (EECBG) grant.

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

2

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

The permitting fees from the Building, Planning and Fire Departments for EV charging stations installed on private property were temporarily waived, until March 31, 2023. (<https://www.mbrisingabove.com/wp-content/uploads/2021-4404-Ordinance.pdf>) The City is intending to purchase a solar EV charging station through its Energy Efficiency and Conservation Block Grant (EECBG) grant. Part of the program will include transporting this charger throughout the City, focusing on disadvantaged neighborhoods.

Q29. Please provide any supporting documents under Mitigation Action #4. Max upload of fives (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.

Completed Bicycle Pedestrian Master Plan. (<https://www.miamibeachfl.gov/wp-content/uploads/2017/12/miami-beach-bicyclepedestrian-master-plan-draft-report.pdf>) Completed Transportation Master Plan. (<https://www.miamibeachfl.gov/wp-content/uploads/2017/10/Transportation-Master-Plan-FinalReport.pdf>) Completed Citywide Sidewalk Assessment report. (https://www.miamibeachfl.gov/wpcontent/uploads/2018/12/MiamiBeachSidewalkReport_.pdf) Completed Atlantic Greenway Network Master Plan. (<https://www.miamibeachfl.gov/wp-content/uploads/2017/08/AGN-Final.pdf>) Completed neighborhood specific studies. (<https://www.miamibeachfl.gov/city-hall/transportation/plans-studies/>) The citywide trolley service provides free service 15 hours per day, 7 days per week along 4 routes throughout the City. (<https://www.miamibeachfl.gov/cityhall/transportation/trolley/>) In recent years, there have been seven projects completed totaling 31,000 linear feet for bike lanes on both sides of the road spanning several neighborhoods. Long-term bicycle parking and bike repair stations are available for free in 6 of the municipal garages and additional repair stations are available for free across the City. (<https://www.miamibeachfl.gov/cityhall/transportation/bicycle-and-pedestrians/>) The City has set alternative parking requirements and reducing minimum off-street parking requirements to encourage alternative modes of transportation. (<https://www.mbrisingabove.com/wp-content/uploads/2017/11/2017-4138-Ordinance.pdf>) The City adopted a mode share that puts pedestrians first, transit/bicycles/freight second, and private vehicles third (corridor based). (<https://www.miamibeachfl.gov/cityhall/transportation/bicycle-and-pedestrians/>) The Miami Beach Mayor and City Commission adopted Resolution No. 2017-30112 setting goals for all City trolleys and buses to be zero-emission and powered by clean energy. (<https://docmgmt.miamibeachfl.gov/WebLink/DocView.aspx?id=215079&dbid=0&repo=CityCler>)

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

4

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

The City offers two free on-demand transit services to the public: on-demand transit service for seniors and Mid-Beach on-demand transit service. The City’s trolley service runs free of charge. (<https://www.miamibeachfl.gov/cityhall/transportation/on-demand-transit-service/>) Interactive map of long-term bicycle parking and repair stations is available online. (<https://www.miamibeachfl.gov/city-hall/transportation/bicycleand-pedestrians/>) The Transportation, Parking, and Bicycle-Pedestrian Facilities Committee, composed of 14 community members, serves in an advisory capacity in matters of transportation and parking as they relate to the unique neighborhoods of the City. (<https://www.miamibeachfl.gov/city-hall/parking/transportation-parking-and-bicycle-pedestrian-facilities-committee/>)

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.

The City has a resilience team headed by the Chief Resilience Officer and added a new position for Resilience Coordinator in 2023. The resilience team now has three people and this new position is solely dedicated to resilience work. The Resilience team works with departments across to City to advance initiatives that improve resilience and expand adaptation to climate change. This work is done through planning, public infrastructure and private property adaptation, and emergency management initiatives. The City of Miami Beach participates in the NFIP and the Community Rating System (“CRS”), a voluntary program that provides both incentives and tools to provide flood insurance to property owners, to encourage flood loss reduction activities by communities, and to save taxpayers’ money. As part of this program, the City has a Program for Public Information (PPI) Committee which is made of community members and City staff. The Committee is tasked with identifying communication projects that reduce flood risk and increase flood awareness. The Committee works together to create the PPI Plan and yearly updates. This not only shows activities conducted for flood awareness but also demonstrates the impact that outreach projects have on the community. The City also works with external entities to advance resilience projects, like working with The Nature Conservancy to design Brittany Bay Park, an example of hybrid living shoreline with mangroves and bioswale. (<https://www.mbrisngabove.com/climate-adaptation/green-infrastructure/livingshorelines/>) Miami Beach Emergency Management offers the FEMA-sponsored Community Emergency Response Team (CERT) training. Following a large-scale emergency, professional first responders may not be immediately available as they are tasked with multiple priorities. Through CERT training, individuals and organizations learn life-saving response skills to help each other until professionals arrive.

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.

4

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

The Environment & Sustainability Department serves as liaisons to the three resident committees that are committed to addressing adaptation and mitigation concerns: FEMA Program for Public Information (PPI) Committee, Sustainability Committee, and Neighborhood Resilience Project Advisory Committee. (Boards and Committees - City of Miami Beach (miamibeachfl.gov) Staff has conducted several community outreach events and interviews to guide their work including with the Private Property Adaptation (PPA) Program, Climate Action Plan, and Sea Level Rise Vulnerability Assessment and Adaptation Plan. Innovative methods have been used to conduct outreach to harder-to-reach populations. For example, for the Vulnerability Assessment, resilience staff conducted eight small virtual focus groups and three “pop-up” tabling events. These tables allowed community members to give feedback quickly and informally at an event that they had already planned to attend, reaching community members who may not have otherwise engaged with City staff. Additionally, the PPA program provides specific accommodations for properties that qualify as Low-to-Moderate Income (LMI), which is set at 140% AMI. LMI properties are not required to provide matching funds for their program costs. While most participants must provide a 50/50 match, LMI participants are able to have their program costs fully funded up to \$20,000.

 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* ▶

A 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. ▲

Miami Beach is developing a Sea Level Rise Vulnerability Assessment and Adaptation Plan funded by the Resilient Florida grant program. The Vulnerability Assessment analyzes the impact of sea level rise and compound flooding on the City from a combination of factors including sea level rise, groundwater, and storm surge. This analysis provides a detailed view of the City's flood risk to assets and infrastructure, which enables the City to compete for additional Resilient Florida grant funding. Miami Beach has successfully been awarded more than \$79 million in Resilient Florida grant funding to-date. (<https://www.mbrisingabove.com/your-city-at-work/resiliencestrategy/sea-level-rise-vulnerability-assessment/>)

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

Q48. 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.

4

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

Studies and assessments conducted by the City consider all types properties, people, and communities. During the development of the Vulnerability Assessment, the City provided community members with opportunities to share their experiences with flood risk in their neighborhoods, how this risk has affected them, and how the City can approach flood mitigation and sea level rise adaptation to best serve the community's needs. Residents and businesses are critical to assessing flood risk in the City. Over 160 community members participated through focus groups and workshops throughout 2023. Eight small community focus groups and three pop-up workshops were held between June and November of 2023 to record resident and business experiences with flooding. Additionally, the Vulnerability Assessment prioritizes assets located within areas with high Social Vulnerability Indexes (SVI).

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*

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).

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 has a dedicated resiliency team headed by the City's Chief Resilience Officer. The team is developing an Adaptation Plan that will draw upon findings in the vulnerability assessment to evaluate, describe, and visualize applicable sea level rise adaptation strategies to protect assets and neighborhoods through the year 2100. Additionally, the City of Miami Beach collaborated with Miami-Dade County and the City of Miami on a joint resilience strategy: Resilient305. (<https://www.mbrisingabove.com/your-city-at-work/resiliencestrategy/resilient-305/>) The Miami Beach Strategic Plan was updated in 2019 through the lens of resilience. The strategic plan addresses the City's needs in both the near-term and long-term and incorporates actions to reduce shocks and stresses. (<https://www.mbrisingabove.com/your-city-atwork/resilience-strategy/strategic-plan-2/>)

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.

4

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

The Vulnerability Assessment's findings will be used in tandem with previous plans and studies to develop a comprehensive Adaptation Plan to protect vulnerable assets through the year 2100. This project included extensive community engagement and prioritizes assets located in areas with a high Social Vulnerability Index (SVI) score. The Jacobs Neighborhood Project Prioritization plan is prioritized by density and other categories, instead of just infrastructure need. The Project Evaluation Framework was publicly vetted and then applied to individual capital improvement projects. (<https://www.mbrisingabove.com/wpcontent/uploads/Neighborhood-Project-Prioritization-1.pdf>) Thousands of stakeholders that reflect a wide range of expertise, ages, ethnicities, cultures, income levels and geographic areas were engaged to help shape the Resilient305 Strategy. (<https://www.mbrisingabove.com/wpcontent/uploads/Our-Story.pdf>) As part of the Resilient305, there are recommended actions in the "People" goal area that aim to improve the lives of residents by supporting job and wealth creation; addressing specific health needs for the most vulnerable among us; and preparing and empowering neighborhoods and networks to anticipate and respond to disruptions, both large and small. (<https://www.mbrisingabove.com/wp-content/uploads/Goal-2-People.pdf>)

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

A 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).

A 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 has adopted the new Stormwater Master Plan which is intended to identify improvements City-wide that will alleviate flooding under a 10-year, 24-hour design storm condition; to develop a City-wide water quality treatment strategy to protect the health of Biscayne Bay; and to develop a prioritized implementation plan for Neighborhood Improvement Projects, Water Quality Projects, Blue-Green Infrastructure Projects, and Critical Needs Projects. The City has adopted a new Resiliency Code which is a comprehensive and flexible document that will address known impacts and provide necessary tools to manage circumstances that may impact the viability and economic security of the City. (<https://www.miamibeachfl.gov/cityhall/planning/resiliency-code/>) The Miami Beach Comprehensive Plan includes a Resiliency and Sustainability Element which consolidates the principles of sustainability and resiliency that were previously located in studies and other planning efforts commissioned by the City. The Housing Element (HE) of the Comprehensive Plan serves as a guide to provide equitable housing options to support the City's socio-economically diverse population and ensures that all residents of the City have access to quality, energy efficient housing. Sea level rise is included in all planning activities. The team is developing an Adaptation Plan that will draw upon findings in the vulnerability assessment to evaluate, describe, and visualize applicable sea level rise adaptation strategies to protect assets and neighborhoods through the year 2100. In 2022, the City of Miami Beach launched the Fight The Flood Private Property Adaptation (PPA) Program, a competitive grant for residential and commercial property owners in Miami Beach. Selected applicants may qualify to receive up to \$20,000 in funding to go towards a property risk assessment, in addition to the design and construction of resilient flood mitigation improvements.

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

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.

3

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

The PPA grant program is "match" based: the City will reimburse 50% of total program costs up to \$20,000. For low-to-moderate income (LMI) properties, 100% of program costs will be covered up to \$20,000. (<https://www.mbrisingabove.com/your-home/private-property-adaptation/>) The City is developing a Sea Level Rise Vulnerability Assessment and Adaptation Plan funded by the State Resilient Florida grant program. Through this initiative, the City has provided the community with opportunities to share their experiences with flood risk in their neighborhoods, how this risk affects them, and how the City can approach flood mitigation and sea level rise adaptation to best serve the community's needs. This process involves extensive community engagement in order to have community input and priorities in the selection of adaptation strategies. (<https://www.mbrisingabove.com/your-city-at-work/resilience-strategy/sea-level-rise-vulnerability-assessment/>)

 **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* ▶

A 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).

A 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. ▲

The Base Flood Elevation (BFE) was established at 8.0 ft. NGVD (6.44 ft. NAVD) throughout the City. The Freeboard Ordinance establishes a minimum and maximum freeboard above base flood elevation for all properties. The Miami Beach Comprehensive Plan was amended to comply with the Florida Legislature "Peril of Flood" requirements to reduce flood risks in coastal areas. (<https://www.mbrisingabove.com/wp-content/uploads/2017/11/2016-4027-Ordinance.pdf>) It is required that an increase of seawall caps on all new private construction and all public seawall construction be increased from 3.2 feet NAVD to 5.7 feet NAVD throughout the City. (<https://www.mbrisingabove.com/wp-content/uploads/160608-seawall-elevation-5.7-Reso-2016-29454.pdf>) The City has established a sea level rise and resiliency review criteria as part of the review by the planning board. (<https://www.mbrisingabove.com/wp-content/uploads/2017/11/2017-4123-Ordinance.pdf>) Per the City of Miami Beach's Road Elevation Strategy (2020), the height of road elevation is determined by considering three primary factors, which include the level of service, the projected groundwater elevations due to sea level rise, and ability to harmonize with adjacent properties. The minimum road elevations for 2020 -2024 based on level of service (in NAVD) are 4.8 ft, 3.6 ft, and 3.0 ft for emergency, commercial, and residential roads, respectively. In 2022, the City of Miami Beach launched the Fight the Flood Private Property Adaptation (PPA) Program, a competitive grant for residential and commercial property owners in Miami Beach. Selected applicants may qualify to receive up to \$20,000 in funding to go towards a property risk assessment, in addition to the design and construction of resilient flood mitigation improvements. Currently, the program has 19 participants with signed grant agreements for the design and construction phase of projects that range from pervious pavement, to rain gardens, to home elevation.

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.

3

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

The standards set forth in the City’s policies are implemented to ensure that the whole city is planning and building to meet resilience standards based on estimated future conditions. These policies are written to protect all communities equally; standards are implemented and enforced uniformly to ensure risk reduction for all. The Private Property Adaptation (PPA) program is “match” based: the City will reimburse 50% of total program costs up to \$20,000. The program provides specific accommodations for properties that qualify as Low-to-Moderate Income (LMI), which is set at 140% AMI. LMI properties are not required to provide matching funds for their program costs. While most participants must provide a 50/50 match, LMI participants are able to have their program costs fully funded up to \$20,000.

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’s Neighborhood Improvement Projects include upgrading and making streets and various utilities compliant with current codes, as well as risk reduction and adaptation to sea level rise. This can include larger stormwater systems, increased sewer system capacity, road elevation, street redesign to promote pedestrians and cyclists, incorporating green infrastructure, and incorporating the Urban Forestry Master Plan. The City is currently working on three Neighborhood Improvement Projects, each at different stages of design and construction: West Avenue Neighborhood Enhancements, First Street Neighborhood Improvement & South Pointe Stormwater Project, and North Shore D Neighborhood Improvement Project. (<https://www.mbrisingabove.com/your-city-at-work/stormwater-program/stormwater-pumps/>). The City’s 2021 Seawall Prioritization Plan identified a total of 66 seawalls and 3 living shorelines that require attention and aims to complete the work within a 10-year period. Living shorelines and hybrid shorelines have been successfully implemented. Brittany Bay Park was recently opened and Maurice Gibb Park is undergoing construction; both of these projects are implementing living shorelines and mangroves. Living shorelines and hybrid shorelines have been successfully implemented. Brittany Bay Park was recently opened and Maurice Gibb Park is undergoing construction; both of these projects are implementing living shorelines and mangroves. (<https://www.mbrisingabove.com/climate-adaptation/green-infrastructure/living-shorelines/>) Additionally, Bayshore Park is under construction, which will have the City’s first stormwater retention park. GO Bond funding allocated for projects related to Adaptation Action #6 include parks and open spaces (like Bayshore Park), an artificial reef and underwater sculpture park, and Urban Forestry tree plantings. (<https://www.gombinfo.com/report/>)

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 that 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

Q76. 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

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

The Jacobs Neighborhood Project Prioritization plan is prioritized by density and other categories, instead of just infrastructure need. The Project Evaluation Framework was publicly vetted and then applied to individual capital improvement projects. (<https://www.mbrisingabove.com/wpcontent/uploads/Neighborhood-Project-Prioritization-1.pdf>) Capital projects with GO Bond funding are reviewed by the GO Bond Oversight Committee, made of community members and staff, ensuring the community is leading in the process. All City projects include robust community engagement process which includes newsletters, social media posts, feedback opportunities, and community meetings.

Q78. Please provide any supporting documents under Adaptation Priority Action #6. Max upload of five (5) files only. ▲

Q78 a. Please provide any supporting documents under Adaptation Priority Action #6. Max upload of five (5) files only.:

SUPPORTING DOCUMENTS FOR CCAT 2024.pdf

Q78 b. Please provide any supporting documents under Adaptation Priority Action #6. Max upload of five (5) files only.:

(Did not answer)

Q78 c. Please provide any supporting documents under Adaptation Priority Action #6. Max upload of five (5) files only.:

(Did not answer)

Q78 d. Please provide any supporting documents under Adaptation Priority Action #6. Max upload of five (5) files only.:

(Did not answer)

Q78 e. 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* ▶

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