

Survey Title: 2023 Compact Climate Assessment Tool Survey
Report Type: Individual Responses
Start Date: 27-Apr-23
End Date: 11-Sep-23
Sent: 19
Delivered: 19
Bounced: 0
Completed: 27
Unique Access Rate: 89.47%
Incomplete: 2
Incomplete Incl. in Report: 2

**Response No: 38**

Email ID: <u>L67224280</u>
Participation Time: <u>8/31/2023 19:54</u>
IP Address: 2001:0DB8:0013:

<b>Q1. Local/Tribal Government</b>
<i>Miami-Dade County</i>
<b>Q2. County</b>
Miami-Dade County
<b>Q3. Key Staff Contact</b>
<b>Q3(a). Key Staff Contact: Name</b>
<i>Karina Castillo</i>

**Q3(b). Key Staff Contact: Title**

*Resilience Program Manager*

**Q3(c). Key Staff Contact: Email Address**

*karina.castillo@miamidade.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 2022).

**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.**

*Miami-Dade County released the final version of the Climate Action Strategy after extensive public comment and engagement. The Strategy lays out our commitment to achieve a 50% reduction in greenhouse gas emissions by 2030 (from a 2019 baseline) and overall net-zero emissions by 2050.*

**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**

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

*- 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 - Utilize multiple engagement methods, e.g. online and in-person. Utilize existing relationships with other municipal departments*

**Q8. Please provide any supporting documents under Mitigation Action #1. Max upload of five (5) files only.**

**Q8(a). Please provide any supporting documents under Mitigation Action #1. Max upload of five (5) files only.:**

(Did not answer)

**Q8(b). Please provide any supporting documents under Mitigation Action #1. Max upload of five (5) files only.:**

(Did not answer)

**Q8(c). Please provide any supporting documents under Mitigation Action #1. Max upload of five (5) files only.:**

(Did not answer)

**Q8(d). Please provide any supporting documents under Mitigation Action #1. Max upload of five (5) files only.:**

(Did not answer)

**Q8(e). 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

**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 2022).

**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 BE305 Challenge currently has 140 participating buildings representing 36,571,008 square feet of floor space in the County. The buildings are spread across 14 municipalities + UMSA, and include a variety of building type, age, and size. Since the beginning of the Challenge, the Office of Resilience has sponsored 8 building energy and water assessments and one Water Makeover assessment. For the 2023 cohort, seven trainings have been provided free of charge on benchmarking, energy and water conservation measures.*

**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

3

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

*- Develop partnerships with community members or organizations to help track energy efficiency data and prioritize improvements 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*

**Q15. Please provide any supporting documents under Mitigation Action #2. Max upload of five (5) files only.**

**Q15(a). Please provide any supporting documents under Mitigation Action #2. Max upload of five (5) files only.:**

(Did not answer)

**Q15(b). Please provide any supporting documents under Mitigation Action #2. Max upload of five (5) files only.:**

(Did not answer)

**Q15(c). Please provide any supporting documents under Mitigation Action #2. Max upload of five (5) files only.:**

(Did not answer)

**Q15(d). Please provide any supporting documents under Mitigation Action #2. Max upload of five (5) files only.:**

(Did not answer)

**Q15(e). 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 2022).

**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.**

*To advance adoption of solar in the community, Miami-Dade County continues to partner with nonprofit Solar United Neighbors (SUN) to assist and promote the yearly solar cooperative. SUN works with the solar installer and homeowners to do site visits, provide quotes and installations. SUN also provides intensive education and one to one consulting as well as information regarding financing and long-terms savings. - In January 2022, the Miami-Dade Board of County Commissioners (BCC) approved a contract with Advanced Roofing/Advanced Green Technologies to install three on-site rooftop solar systems at the North Dade and South Dade Regional Libraries and at the Metrowest Detention Center. The ribbon cutting ceremony for the first of these 3 installations (North Dade Regional Library) was held earlier this year. - Through collaboration with the Solar Energy Loan Fund (SELF) and a grant from the Leon Lowenstein Foundation, and with additional support from the Miami-Dade County Office of Resilience, the County's Department of Public Housing and Community Development is in process of installing a cool roof and a rooftop solar system with battery backup at the Gibson Plaza Apartments. Gibson Plaza is an affordable elderly housing facility in Coconut Grove. The new cool roof uses highly reflective materials to reduce heat accumulation from the sun and provide safety from severe storms. The solar panels with battery backup will provide emergency power for the common areas during power outages.*

*This project is an excellent example of how solar power not only saves energy costs upfront, but also provides additional resilience benefits and protects residents against power outages when paired with battery backup. Gibson Plaza . Annual Electricity Production: Up to 272,000 kWh; Annual GHG Emissions Reduced: Up to 193 Metric Tons CO2e*

**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**

4

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

*- 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 - 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*

**Q22. Please provide any supporting documents under Mitigation Action #3. Max upload of five (5) files only.**

**Q22(a). Please provide any supporting documents under Mitigation Action #3. Max upload of five (5) files only.:**

(Did not answer)

**Q22(b). Please provide any supporting documents under Mitigation Action #3. Max upload of five (5) files only.:**

(Did not answer)

**Q22(c). Please provide any supporting documents under Mitigation Action #3. Max upload of five (5) files only.:**

(Did not answer)

**Q22(d). Please provide any supporting documents under Mitigation Action #3. Max upload of five (5) files only.:**

(Did not answer)

**Q22(e). 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 2022).

**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.**

*This past year, the County submitted 2 applications to the federal government for funds to install electric vehicle chargers at both alternative fuel corridors and throughout the community in areas designated by the Federal Government as Justice40 communities.*



**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.**

*- 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*

**Q29. Please provide any supporting documents under Mitigation Action #4. Max upload of five (5) files only.**

**Q29(a). Please provide any supporting documents under Mitigation Action #4. Max upload of five (5) files only.:**

(Did not answer)

**Q29(b). Please provide any supporting documents under Mitigation Action #4. Max upload of five (5) files only.:**

(Did not answer)

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

**fives (5) files only.:**

(Did not answer)

**Q29(d). Please provide any supporting documents under Mitigation Action #4. Max upload of  
fives (5) files only.:**

(Did not answer)

**Q29(e). 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 2022).

**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 SMART Demonstration Program is a vision of the Miami-Dade TPO Governing Board to provide  
immediate solutions for critical first/last mile (FLM) connections, while expanding access to transit.  
It consists of numerous demonstration projects providing short-term congestion relief based upon a  
collaborative effort led by the Miami-Dade TPO with the Florida Department of Transportation*

(FDOT), Miami-Dade Department of Transportation and Public Works (DTPW), the Citizen's Independent Transportation Trust (CITT), South Florida Regional Transportation Authority (SFRTA), and numerous local municipalities. Demonstration projects focus on increasing FLM connectivity to existing and future SMART Plan transit stations, and on-demand and enhanced integration of transit services at county and municipal levels. The program also advances elements of the SMART Plan, such as transit stations and BERT services and includes numerous projects from a range of applicants that represent diverse demographics and economies including college students, the elderly, transit dependent communities at locations with limited parking, and new services for workforce groups. Projects include municipal on-demand responsive services, which are dynamically routed and connected to ride sharing applications, allowing the community to book rides to transit hubs or nearby destinations. Services are constantly monitored and, in some cases, such as the Village of Miami Shores, the project was discontinued via agency consensus until a better solution can be provided to the community.

**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**

3

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

*- 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 - 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 - 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*

**Q36. Please provide any supporting documents under Mitigation Action #5. Max upload of five (5) PDFs only.**

**Q36(a). Please provide any supporting documents under Mitigation Action #5. Max upload of five (5) PDFs only.:**

(Did not answer)

**Q36(b). Please provide any supporting documents under Mitigation Action #5. Max upload of five (5) PDFs only.:**

(Did not answer)

**Q36(c). Please provide any supporting documents under Mitigation Action #5. Max upload of five (5) PDFs only.:**

(Did not answer)

**Q36(d). Please provide any supporting documents under Mitigation Action #5. Max upload of five (5) PDFs only.:**

(Did not answer)

**Q36(e). 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 2022).

**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 Miami-Dade County Office of Resilience hosted resilient design trainings for County departments to get staff up to date on the latest design and building requirements for County projects related to sea level rise and the Sustainable Buildings Program.*

**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**

3

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

*- Assess the capacity to include equity considerations, including community engagement & outreach - 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*

**Q43. Please provide any supporting documents under Adaptation Priority Action #1. Max upload of five (5) files only.**

**Q43(a). Please provide any supporting documents under Adaptation Priority Action #1. Max upload of five (5) files only.:**

(Did not answer)

**Q43(b). Please provide any supporting documents under Adaptation Priority Action #1. Max upload of five (5) files only.:**

(Did not answer)

**Q43(c). Please provide any supporting documents under Adaptation Priority Action #1. Max upload of five (5) files only.:**

(Did not answer)

**Q43(d). Please provide any supporting documents under Adaptation Priority Action #1. Max upload of five (5) files only.:**

(Did not answer)

**Q43(e). 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 2022).

**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 Miami-Dade County Office of Resilience successfully applied for and was awarded a Resilient Florida planning grant to update a countywide vulnerability assessment that incorporates some of the requirements laid out in Florida state statues. This assessment includes but is not limited to assessing the vulnerability of critical facilities including roads, fire and police stations and others. Utilizing information gleaned from the Heat Vulnerability GIS Story Map, the County is working with groups like People Action in Community Together to target areas where tree plantings would reduce the overall heat island effect.*

**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

4

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

*- 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 - 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*

**Q50. Please provide any supporting documents under Adaptation Priority Action #2. Max upload of five (5) files only.**

**Q50(a). Please provide any supporting documents under Adaptation Priority Action #2. Max upload of five (5) files only.:**

(Did not answer)

**Q50(b). Please provide any supporting documents under Adaptation Priority Action #2. Max upload of five (5) files only.:**

(Did not answer)

**Q50(c). Please provide any supporting documents under Adaptation Priority Action #2. Max upload of five (5) files only.:**



(Did not answer)

**Q50(d). Please provide any supporting documents under Adaptation Priority Action #2. Max upload of five (5) files only.:**

(Did not answer)

**Q50(e). 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 2022).

**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.**

*Miami-Dade County's Office of Resilience (OOR) is working on the Biscayne Canal Adaptation Action Plan which led to enhanced coordination between residents, departments and municipalities. The development of the plan is laying the groundwork for identification of projects that reduce the overall risk and identify projects that can be pursued for funding opportunities.*

**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

4

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

*- 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 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*

**Q57. Please provide any supporting documents under Adaptation Priority Action #3. Max upload of five (5) files only.**

**Q57(a). Please provide any supporting documents under Adaptation Priority Action #3. Max upload of five (5) files only.:**

(Did not answer)

**Q57(b). Please provide any supporting documents under Adaptation Priority Action #3. Max upload of five (5) files only.:**

(Did not answer)

**Q57(c). Please provide any supporting documents under Adaptation Priority Action #3. Max upload of five (5) files only.:**

(Did not answer)

**Q57(d). Please provide any supporting documents under Adaptation Priority Action #3. Max upload of five (5) files only.:**

(Did not answer)

**Q57(e). 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 2022).

**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.**

*Miami-Dade County is working on implementing the recommendations of the Extreme Heat Action Plan launched in 2022 based on input from community and scientific experts. The Plan provides a community-wide roadmap to reduce the health and economic impacts of rapidly rising temperatures while prioritizing the actions that will have the most immediate effect on mitigating extreme heat for those most vulnerable.*

**Q62. 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 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.**

4

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

*- 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 - 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*

**Q64. Please provide any supporting documents under Adaptation Priority Action #4. Max upload of five (5) files only.**

**Q64(a). Please provide any supporting documents under Adaptation Priority Action #4. Max upload of five (5) files only.:**

(Did not answer)

**Q64(b). Please provide any supporting documents under Adaptation Priority Action #4. Max upload of five (5) files only.:**

(Did not answer)

**Q64(c). Please provide any supporting documents under Adaptation Priority Action #4. Max upload of five (5) files only.:**

(Did not answer)

**Q64(d). Please provide any supporting documents under Adaptation Priority Action #4. Max upload of five (5) files only.:**

(Did not answer)

**Q64(e). 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 2022).

**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.**

*Miami-Dade County has adopted an ordinance that revised flood protection, floodplain, and environmental regulations. It also revised the County Flood Criteria Map and Water Control Map and standards and procedures for application of such maps to development and implements technical changes to achieve regulatory standards to increase resilience and reduce future risks to the built environment from sea level rise.*

**Q69. 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 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**

4

**Q70. Please provide a brief explanation of the ways in which you are embedding equity into this**

**adaptation action?**

*- 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 conditions for disinvested communities through stronger remediation requirements or stormwater considerations*

**Q71. Please provide any supporting documents under Adaptation Priority Action #5. Max upload of five (5) files only.**

**Q71(a). Please provide any supporting documents under Adaptation Priority Action #5. Max upload of five (5) files only.:**

(Did not answer)

**Q71(b). Please provide any supporting documents under Adaptation Priority Action #5. Max upload of five (5) files only.:**

(Did not answer)

**Q71(c). Please provide any supporting documents under Adaptation Priority Action #5. Max upload of five (5) files only.:**

(Did not answer)

**Q71(d). Please provide any supporting documents under Adaptation Priority Action #5. Max upload of five (5) files only.:**

(Did not answer)

**Q71(e). 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

**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 2022).

**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 National Fish and Wildlife Foundation (NFWF) awarded Miami-Dade County a \$330,000 grant to enhance coastal resilience and Biscayne Bay recovery through the restoration of the cutler marsh and mangroves in South Dade. Combined with a \$437,142 total match from Miami-Dade County, the Town of Cutler Bay, South Florida Water Management District, and volunteers, grant funds will be used to accelerate the restoration of coastal wetlands, mangroves, and forests adjacent to Biscayne National Park. The project will advance coastal protection and resilience for neighboring communities and wildlife habitat. The project will bring together major stakeholders, including the land-owning agencies responsible for permitting, and community organizations already involved in volunteer-led small-scale restoration on the site. Multiple partnering agencies, including the Town of Cutler Bay, have collaborated to acquire the parcels and develop conceptual restoration plans.*

**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

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

*- 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 - Ensure the burden of public funding for capital projects is equitable across communities - Include a plan for upkeep and maintenance for any capital project*

**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.:**

(Did not answer)

**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

**Q80. What resources could assist you in advancing this action?**

Skipped due to logic