

Survey Metrics

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

Response Metrics

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

Individual Responses

Response No:
2

Email ID:
L7145890

Participation Time:
8/8/2024 15:30

IP Address:
205.166.161.51

Q1. Local/Tribal Government ▲

Broward County

Q2. County ▲

Broward County

Q3. Key Staff Contact ▲

Q3 a. Key Staff Contact: Name

Sarah Pariseau

Q3 b. Key Staff Contact: Title

Enviornmental Policy and Program Lead

Q3 c. Key Staff Contact: Email Address

spariseau@broward.org

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

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

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. ▲

•Conducted operational GHG inventories for the years 2008-2020. •Submitted the Climate Pollution Reduction Grant (CPRG) as a regional effort with the Southeast Florida Regional Climate Change Compact (Compact), with a focus on the low-income & disadvantaged communities (LIDAC) •Completed community-wide greenhouse gas (GHG) inventories in 2007, 2008, 2010, and 2011-2014. An updated inventory was completed by ICLEI as part of CPRG funding request (2024). •Completed three iterations of the Climate Change Action Plan (CCAP) in 2010, 2015, and 2020. Staff is currently finalizing a 2025 CCAP update. •Participated in the development of Compact Regional Climate Action Plan (RCAP) in 2012, 2017, 2022. • Broward County joined the Under2 Coalition in 2018, of subnational governments committed to climate action, limiting global warming to less than 2 degrees Celsius. •Broward County Commission adopted a resolution in 2021, to pursue net zero emissions in its operations & county-wide by 2050 and approximately 50% reduction by 2030. •Broward County has contracted for development of a county-wide Electric Vehicle Charging Infrastructure (EVCI) plan and Net-Zero Plan. •The County has installed 70 EV Charging ports throughout its facilities & plans are in place for a total of 867 charging ports to be installed through the year 2026. •Routinely convene an internal Government Operations Workgroup to discuss and track efforts to reduce greenhouse gas (GHG) emissions. • Broward established an early goal to power at least 20% of its electricity needs with renewable energy. It is currently exceeding this goal, generating electricity from solar panels on County facilities, & offsetting all remaining electricity needs through solar via FPL's SolarTogether program.

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

•The net-zero plan, the Climate Pollution Reduction Grant (CPRG), the placement of Electric Vehicle Charging Infrastructure (EVCI) will prioritize policies and investments that provide benefits to low-income & disadvantaged communities (LIDAC).

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* ▶

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. ▲

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

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. ▲

•Collaborated w/ Miami-Dade County & the Southeast Florida Regional Climate Change Compact (Compact) to establish cool-roof standards for new & substantially renovated commercial buildings in an amendment to the Florida Building Code. This includes being ENERGY STAR qualified, solar radiation, solar reflectance measures, or installation of vegetative roof covers. •Collaborating & supporting partners pursuing solar opportunities within the community through Solar United Neighbors (SUN) & the Solar Energy Loan Fund (SELF) programs, budgeted for Fiscal Year 2024. •Conducted outreach to target the private sector through chamber workshops, & sustainability offices. Promoting private sector sustainability efforts as a part of the County's Resilience Newsletter. •Adopted a Community Energy Strategic Plan in 2015, which identified energy efficiency as a key county-wide theme, including objectives to launch an energy awareness campaign & increase energy efficiency & conservation in buildings. • Conducted a waste-to-energy cogeneration project at North Regional Wastewater Treatment Plant. •Staff serves on the energy committee of the Broward County- Board of Rules and Appeals (BORA) to provide policy input. •Administers the Seal of Sustainability program, which certifies County programs & projects that meet the triple bottom line of sustainability– environment, economy, & community. •Supports the Property Assessed Clean Energy program (PACE), which can be used to finance energy & water efficiency projects in residential & commercial properties. The PACE program has resulted in an estimated \$12 million in energy savings, financing \$725 million for its nearly 30,467 residential projects. •Achieved local building code amendments to improve water efficiency in cooling towers & plumbing fixtures. •LEED requirements are in place for new County buildings. •Broward County is LEED-Gold certified from the U.S. Green Building Council's (USGBC) LEED Cities and Communities.

Is equity being embedded into Mltigation 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

Q13. organizations to help track energy efficiency data and prioritize improvements Involve the people most impacted by energy inefficiency, build relationships, and co-create path forward Commit municipal savings from solar and energy efficiency being reinvested in wealth-building initiatives in disinvested communities Ensure policies/permits for energy saving installations (green roofs, rooftop solar, storm hardening) are feasible, and if possible expedited and fee-free Allocate funds annually to pay for outreach campaigns to ensure all communities are aware of energy efficiency programs and assistance Work with local community-based organizations to be an education partner on energy efficiency behaviors and techniques/installations

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

•Worked with Compact to identify the most effective/cost-efficient energy efficiency strategies for LIDAC, via the Southeast Energy Efficiency Alliance (SEEA) grant-funded project. •Broward County contracts with the Solar Energy Loan Fund programs to target LIDAC.

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. ▲

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. ▲

•Collaborating & supporting partners pursuing solar opportunities within the community through Solar United Neighbors (SUN) & the Solar Energy Loan Fund (SELF) programs, budgeted for Fiscal Year 2024. •The Renewable Energy Action Plan adopted in 2014, led to policies requiring renewable energy as part of project proposals, Energy Service Companies (ESCOs), & ongoing funding for review of facilities for possible renewable energy installations. •The Community Energy Strategic Plan was adopted in 2015, solar being the key theme. •Broward County authorized the GoSolar Florida program which has developed a streamlined solar plans design system for local gov'ts, outreach/education to local gov'ts, residents, & businesses. Funded by the Department of Energy (DOE) SunShot Initiative Rooftop Solar Challenge. •The County achieved the SolSmart Bronze-level designation in 2018. • The County passed a resolution in 2008, creating the County Green Building Policy. All new County-owned and operated buildings must achieve a minimum rating of "LEED Certified". •Established policy requiring solar on new facilities where feasible. •Adopted the (PACE) Program including solar, adopted in 2016. •100% clean energy goal, reached via participation in FPL SolarTogether program for water & wastewater services, Port Everglades, & the Fort Lauderdale-Hollywood International Airport. This program offsets all electric consumption. •County projects include rooftop installations, solar parking canopies and recently completed a solar canopy for the basketball court at Reverend Samuel Delevoe Memorial Park. With 15 projects completed to date, Broward County has achieved an installed solar capacity of 3.1 Megawatts (MW). •Education/outreach provided via maintenance of GoSolar Florida pages, solar coops, PACE webpage, Resilience Broward.org. •Within the Climate Pollution Reduction Grant (CPRG), \$10 million has been set aside for the Solar Rebate Program (SRP).

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

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

•The County is looking closely at solar opportunities at emergency shelters and other critical facilities. •The County's GoSolar Florida program and SolSmart designation have helped reduce soft costs and other barriers to solar installations. •The County provides information on lower-cost solar installation opportunities and potential savings. •Broward has also strongly supported legislation to improve access to solar energy in Florida (and the US), including the legalization of third-party sales of electricity/power purchase agreements, consumer incentives, and protection of net metering. •Within the Climate Pollution Reduction Grant (CPRG), \$10 million has been set aside for the Solar Rebate Program (SRP). This program will provide qualified LIDAC participants with rebates on the upfront cost of solar installations.

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.

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

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

•The Community Energy Strategic Plan (2014) identified transportation electrification as a key county-wide theme. • Broward County established a policy allowing County employees to use fleet chargers for personal vehicles. •Broward County has resubmitted an application for the Charging and Fueling Infrastructure (CFI) Grant Program for a second year to assist with the County's owned facilities and fleet vehicles. •Broward County contracted for development of an Electric Vehicle Charging Infrastructure (EVCI) Investment Strategy. The EVCI plan aims to facilitate EV transition in CMI community by prioritizing employment centers and multifamily housing. •The County has procured an Electric Vehicle (EV) Charging Network Management Software, which will allow County management of EV charging for fleet, employee, and public use. •An Electric Vehicle Supply Equipment Qualified Vendor List (QVL) has been created to streamline the procurement process, with 80 dual-port chargers recently purchased from the QVL for immediate installation. • The Board of County Commissioners adopted Under2 Coalition ZEV Targeted Challenge goal in 2018 to purchase only zero-emissions vehicles (wherever practicable) by no later than 2030. The County currently has 70 EV Charging ports installed throughout its facilities, and plans are in place for a total of 867 charging ports to be installed through the year 2026. As of 2/8/2023, the County has 67 electric vehicles in its fleet. The County completed a cruise ship shore power electrical master plan in the beginning of 2023. The study identified the infrastructure necessary to provide to simultaneous power for 8 Oasis class cruise ships. The Port applied for the EPA for a Diesel Emission Reductions (DERA) grant to help fund an initial portion of this project.

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

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

•The Electrical Vehicle Charging Infrastructure (EVC) aims to facilitate the community-wide towards the electrification of transportation, focusing on low-income & disadvantaged communities (LIDAC), including employment centers, & multifamily housing. •The County's fleet electrification efforts include the replacement of diesel transit buses with electric models, reducing air pollution.

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

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


A 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. ▲

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

A 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 Community Energy Strategic Plan, adopted in 2014, identified transportation as a key county-wide theme. •Established a partnership with FDOT to review and provide comment on their 5-year resilience plan. •The Mobility Advancement Program issues reports, maintains a full website, and works with other county agencies and municipalities to inform the public of its plans and investments. •The County established a Mobility Advancement Plan (MAP), funded by a one-percent sales tax approved by County voters in November 2018. Among its goals is the provision of better, more frequent public transit. Expected to generate \$16 billion and approximately 40% of the funds will support transit operations and maintenance. •The Broward Metropolitan Planning Organization's Commitment 2045 Metropolitan Transportation Plan (MTP) was adopted in 2019, and recently amended in 2023, to extend to 2050 and promote resiliency in response to climate change and weather-related events. •The County is pursuing the development of a People Mover rail between FLL airport to Port Everglades, it is led by the Transit Division. •The County Commission approved a Transit Premium Mobility Plan (PREMO) in 2023. One of the goals in this plan is to provide a safe, sustainable integrated and efficient transportation system to enhance Broward County's economy and livability. •Objective T2.5 of the Transportation Element of the Broward County Comprehensive Plan (2019) states, "Broward County shall advance transportation and land use choices that: reduce fossil fuel use and vehicle miles traveled." •Policy 2.14.10 of the BrowardNext Land Use Plan (2017) seeks better coordination of "multi-modal transportation and mixed land uses, which encourage a reduction in vehicle miles traveled." •Complete Streets policies have been included in the County Comprehensive Plan since 2014. They are also a top strategy within the BrowardNext Land Use Plan and are included in County Road projects, wherever appropriate.

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

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

•Objective T2.6 of the Transportation Element of the Broward County Comprehensive Plan (2019) states, "Broward County, in collaboration with transportation and public health stakeholders will prioritize and evaluate equity and health outcomes in transportation decision-making to avoid disproportionate and disparate burdens on traditionally disadvantaged communities." This includes performing equity analyses to ensure that predominantly minority and low-income communities benefit equally from transportation improvements. •The Board of County Commissioners adopted a 30 percent small business participation goal for Mobility Advancement Plan projects. •Stable funding for transit, and plans for expansion, promote equity in Broward. •Low-income residents and residents from frontline communities disproportionately depend on transit, so better, more frequent service promotes equitable access to jobs, services, and recreation.

 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 *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. ▲

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. ▲

•Staff conducted internal review of the 2020 Climate Change Action Plan (CCAP) for updates and inventory of action. Staff is supporting finalizing the 2025 update for Commission approval. •Broward County formalized a Climate Resilience Unit in 2021, within the newly renamed Resilient Environment Department to focus on climate and resilience issues, including water and energy. The Department's new name also reflects the County's prioritization of "resilience" as a key operational and community value. •The County's Chief Resilience Officer/Deputy Department Director meets regularly with Division Directors within the Department and presents to and consults with top leadership across all County agencies. •County climate staff members conducted over a dozen Climate Change Toolbox Trainings for County employees over the course of several years, including climate science basics, likely regional impacts, and expected impacts on County operations. •County staff from various divisions and departments regularly attend implementation workshops to build their capacity. (County staff also frequently participate in workshop planning.) •The County's Innovation Team and Enterprise Technology Services expanded their support for resilience activities in 2021-2022, including greater analysis of "big data." •County is launching the development of an organizational Resilience Strategy and a preliminary assessment of the key resilient challenges and priorities for the County.

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

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

•Staff in the Climate Resilience Unit and throughout the Department, as well as from many other county agencies, have participated in Dismantling Racism workshops presented by the Racial Equity Institute.

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

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

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

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

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

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

•The County adopted regional Sea Level Rise Projections and updated as the basis for planning map series, which has helped 10 planning areas, future ground table map, standards for seawalls, future flood elevations (which is updated in accordance with the adopted SLR projections) •The County provides modeling of SLR and influx of saltwater intrusion to support water supply planning. •The County provides cost share in maintenance of a regional groundwater monitoring system for changes in 6w elevation and to access changes resulting from chlorides, and SLR as local climate and water change. •Resilience Unit is leading development of a County-wide Risk Assessment and Resilience Plan. Emphasis is placed on flood, heat, and the intersection with vulnerable communities.

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

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

•Resilience Unit is leading development of a County-wide Risk Assessment and Resilience Plan, which will increase the analysis of flood and urban heat impacts on low-income and disadvantaged communities (LIDAC).

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

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

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

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

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

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

•Broward County has released three Climate Change Action Plans, in 2010, 2015, and 2020, including adaptation and resilience actions. Staff is currently finalizing a 2025 CCAP update. • Resilience Unit is leading the development of a County-wide Risk Assessment and Resilience Plan, which will consist of a combined analysis of rain, SLR, and groundwater, in addition to flood and urban heat impacts on LIDAC. •The County has established an Adaptation Action Area, that identified the Sand Bypass Project Area at Port Everglades Inlet as a resilience priority. This action area addresses shoreline stability under current and future conditions. •The County maintains a beach nourishment program, that supports a dune restoration grant program and integrates dunes wherever practicable, with an 80 percent shoreline coverage goal. •The BrowardNEXT Comprehensive and Land Use Plans include many adaptation and resilience policies.

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?

•The Broward County Climate Change Action Plan contains numerous actions related to public health, community resilience, and equity. •The County's increasing efforts to understand and respond to urban heat threats will be concentrated on vulnerable populations and low-income and disadvantaged communities. This includes the implementation of green infrastructure, such as improvements to the tree canopy and providing cooling stations.

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

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

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

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

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

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

•Broward County has officially adopted each iteration of the Compact Unified Sea Level Rise projection and requires use across County planning and investment decisions. •Community resilience is a significant priority for Broward County; accordingly, it is considered in virtually all planning and decision-making across agencies, especially those connected to the natural or built environment. •The BrowardNEXT Comprehensive and Land Use Plans mandate use of the Compact Sea level rise (SLR) projection. Resilience policies are woven throughout both documents. The Broward County Charter requires municipal land use plans to conform to the County's land use plan; accordingly, these policies also apply to Broward municipalities. •An update of the County's Enhanced Local Mitigation Strategy was completed in 2023; it includes urban heat impacts among the risks that must be mitigated.

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.

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

•An update of the County's Enhanced Local Mitigation Strategy has been completed in 2023; it includes urban heat impacts among the risks that must be mitigated. Mitigation plans will be aimed at vulnerable populations and strategies that provide multiple benefits, such as green infrastructure (e.g., tree planting).

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.

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 County adopted regional Sea Level Rise Projections and updated as the basis for planning map series, which has helped 10 planning Areas, future ground table map, standards for seawalls, future flood elevations (which is updated in accordance with the adopted SLR projections) •The County provides modeling of SLR and influx of saltwater intrusion to support water supply planning. •The County provides cost share in maintenance of a regional groundwater monitoring system for changes in 6w elevation and to access changes resulting from chlorides, and SLR as local climate and water change. •Resilience Unit is leading development of a County-wide Risk Assessment and Resilience Plan. Emphasis is placed on flood, heat, and the intersection with vulnerable communities.

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

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

•The County is pursuing risk reduction and community resilience actions in frontline communities. For example, since the late 1990s, Broward has worked to improve the North Fork of the New River, which runs through a predominantly minority community. These efforts include shoreline and habitat improvements, water quality initiatives, replacement of exotic plants with native species, and greater public access and outreach. Volunteer events to clean up and restore these areas continue today. Benefits include a higher-quality green space for residents, but also a greater ability for the area to store and treat stormwater, potentially mitigating flooding, and pollution problems.

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* ▶

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. ▲

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

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. ▲

•Regional SLR projections and Adaptation Action Areas have been included within the County budget process to ensure planning, design, and construction accounting for future conditions. •Within the County-wide Risk Assessment & Resilience plan, we have identified County assets with vulnerability and in need of adaptation. A resilience checklist was created and amended to prioritize County assets, to be included in budget process.

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. ▲

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

•The Housing Finance and Community Redevelopment Division has added air conditioning (AC) as an eligible project in its Minor Home Repair Program to bring AC to more low-income households. •Emphasis is placed on LIDAC, with emphasis on flooding and urban heat, in the Resilience Plan. Submitted the Climate Pollution Reduction Grant (CPRG) as a regional effort with the Southeast Florida Regional Climate Change Compact (Compact), with a focus on the low-income & disadvantaged communities (LIDAC)

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

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

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