

#11

COMPLETE

Collector: 2021 Responses (Web Link)
Started: Tuesday, September 07, 2021 7:48:37 AM
Last Modified: Tuesday, September 07, 2021 12:10:28 PM
Time Spent: 04:21:50
IP Address: 12.174.10.28

Page 1: Overview

Q1

Local/Tribal Government

City of Hallandale Beach

Q2

Broward County

County

Q3

Key Staff Contact

Name	Alyssa Jones Wood
Title	Sustainability & Resiliency Officer
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Page 3: Greenhouse Gas Emission Mitigation Priority Action #1 (GHG Targets)

Q4

Yes

Is your local/tribal government advancing activities related to Mitigation Action #1?

Page 4: Greenhouse Gas Emission Mitigation Priority Action #1 (GHG Targets)

Q5

Respondent skipped this question

Please indicate as to why you've been unable to advance activities related to Mitigation Action #1? Please select all that apply.

Q6

Respondent skipped this question

What resources could assist you in advancing this action?

Page 5: Greenhouse Gas Emission Mitigation Priority Action #1 (GHG Targets)

Q7

Yes

Is your local/tribal government advancing Mitigation Action #1 through assessment/planning methods?

Page 6: Greenhouse Gas Emission Mitigation Priority Action #1 (GHG Targets)

Q8

Provide a brief description of how Mitigation Action #1 is being advanced through assessment/planning methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

The City has completed a baseline Greenhouse Gas (GHG) inventory (2016) and set a schedule for the subsequent inventories. City Commission has approved a 50% reduction in emissions by 2030 and net-zero emissions by 2050 goal as part of the Cities Race to Zero initiative. The City has developed a Climate Action Plan to guide the efforts to meet GHG reduction goals for our first benchmark (2030) which was adopted by City Commission on September 1, 2021.

Q9

Yes

Is equity being embedded into Mitigation Action #1 through assessment/planning methods? 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.

- Hire a staff person from within the community to manage projects related to this activity
- Dedicate funds for multilingual communications and outreach
- Provide multilingual reporting efforts (print and spoken word)
- Connect with other municipal departments providing services for low-income or elderly residents and explicitly investigate opportunities for mutual benefits
- Ensure goals are shared with administration to create opportunities for collaboration
- Provide racial equity training for key administrators
- 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
- Provide a means to measure and compare results
- Provide local communities the technology and infrastructure to ensure equal access to information
- Include raw numbers in report to allow for independent analysis by community members
- Create a public website with open data

To achieve mitigation goals, plan any project/program implementation to first benefit parts of the community which are most energy cost-burdened and/or exposed to air pollution impacts and ensure no additional costs are imposed on them related to implementation

Page 7: Greenhouse Gas Emission Mitigation Priority Action #1 (GHG Targets)

Q10

Please provide a brief explanation of the ways in which you are embedding equity into this action's assessment/planning methods?

The City has provided basic racial equity training for all staff, including staff involved with sustainability/resilience. Additionally, our Climate Action Plan includes an equity component for most actions which is intended to provide benefits equitably and avoid burdens on already burdened parts of our community.

Page 8: Greenhouse Gas Emission Mitigation Priority Action #1 (GHG Targets)

Q11

Yes

Is your local/tribal government advancing Mitigation Action #1 through program development methods?

Page 9: Greenhouse Gas Emission Mitigation Priority Action #1 (GHG Targets)

Q12

Provide a brief description of how Mitigation Action #1 is being advanced through program development methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

We have joined the Cities Race to Zero, Florida Race to Zero, ICLEI150, and are participating in CDP disclosure.

Q13

No

Is equity being embedded into Mitigation Action #1 through program development methods? 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. 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 that your partnerships have significant diversity at the table, representing different age groups, neighborhoods, and races/ethnicities present in your community. Prioritize neighborhoods historically home to communities of color that may have been left out of decision making. Include stakeholders from economic sectors in the community. Prioritize partnerships with others such as Florida Power & Light to purposefully deploy renewable energy in low- and moderate-income areas of municipality first. Stormwater ponds adjacent to major highways are an opportunity for this

Page 10: Greenhouse Gas Emission Mitigation Priority Action #1 (GHG Targets)

Q14

Respondent skipped this question

Please provide a brief explanation of the ways in which you are embedding equity into this action's program development methods?

Page 11: Greenhouse Gas Emission Mitigation Priority Action #1 (GHG Targets)

Q15

Yes

Is your local/tribal government advancing Mitigation Action #1 through policy methods?

Page 12: Greenhouse Gas Emission Mitigation Priority Action #1 (GHG Targets)

Q16

Provide a brief description of how Mitigation Action #1 is being advanced through policy methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

City Commission passed a resolution adopting 45% reduction by 2030 and 100% reduction by 2055. Our most updated emission reduction targets were passed via a motion on the dais and thus we do not have a formal resolution associated with it. On September 1, 2021, City Commission adopted our Climate Action Plan which includes renewable energy goals.

Q17

Yes

Is equity being embedded into Mitigation Action #1 through policy methods? 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. Use a Racial Equity Toolkit to consider impacts before taking on any project. Establish a mechanism to regularly present progress to the residents/businesses to increase accountability and transparency. Ensure an equity first framework, so that GHG emission reductions do not come at the expense of low-income and/or communities of color. Seek out solutions with multiple benefits and explain what those are in your plan. This will help build bridges across municipal departments and lift up the relevance of climate actions across the community. Identify those entities within communities that are the highest producers of GHG and provide incentives for correction.

Page 13: Greenhouse Gas Emission Mitigation Priority Action #1 (GHG Targets)

Q18

Please provide a brief explanation of the ways in which you are embedding equity into this action's policy methods?

Staff used a Racial Equity Toolkit to consider impacts for all actions listed in our Climate Action Plan (CAP). The CAP establishes an annual reporting structure for the City to report progress to residents/businesses. Many actions are prioritized or will be piloted in areas suffering from urban heat island effect.

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Q19

Yes

Is your local/tribal government advancing Mitigation Action #1 through budget/investment methods?

Page 15: Greenhouse Gas Emission Mitigation Priority Action #1 (GHG Targets)

Q20

Provide a brief description of how Mitigation Action #1 is being advanced through budget/investment methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

The City has paid consultants in the past to carry out our baseline GHG inventory. Budget requests are in for next year for a follow-up GHG for 2020 as well as a solar installation for City Hall. The City has one full-time employee to carry out all sustainability & resiliency work.

Q21

No

Is equity being embedded into Mitigation Action #1 through budget/investment methods? 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. Overlay any expenditures to advance this goal with census data on maps to ensure that expenditures/ investments are occurring in all areas of the municipality, positively impacting communities of all demographic make-ups. This will help a community stay accountable to not only investing in the area where they receive the most tax revenue or receive the most complaints. Ensure that investments related to this action are prioritized in communities that have the most need and/or have been disinvested. Include stipends/payments for volunteers in your budget. Make sure budgeted meeting costs include childcare, meals, and/or interpretation service.

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Q22

Respondent skipped this question

Please provide a brief explanation of the ways in which you are embedding equity into this action's budget/investment methods?

Page 17: Greenhouse Gas Emission Mitigation Priority Action #1 (GHG Targets)

Q23

Yes

Is your local/tribal government advancing Mitigation Action #1 through education/outreach/advocacy methods?

Page 18: Greenhouse Gas Emission Mitigation Priority Action #1 (GHG Targets)

Q24

Provide a brief description of how Mitigation Action #1 is being advanced through education/outreach/advocacy methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

The City has carried out various webinars on GHG emissions and climate change including a 2.5-hour webinar lead by Catalyst Miami staff as a Climate Change 101. The City also has a handout on how climate change is expected to impact Hallandale Beach which is available on our website. City Commission has also passed various resolutions advocating for state or federal government to prioritize reducing emissions including the most recent resolution in support of the American Jobs Plan. The Climate Action Plan was produced through a year-long community engagement process including a 24/7 online platform.

Q25

Yes

Is equity being embedded into Mitigation Action #1 through education/outreach/advocacy methods? 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. Ensure that there are at least monthly community meetings seeking input, not just education, through the life of the planning process, as well as annual update meetings on the municipality's progress during implementation. These meetings should take place at a variety of times, including evenings, and offer food and childcare to reduce barriers to attendance and participation. The meetings should be advertised by a community-based communications and outreach consultant who is from the community(ies) that you seek to target. 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. Ensure that education and outreach is available in multiple languages and information on the web is screen-reader compatible. Consider letting a community-based organization co-host a meeting or provide "meeting in a box" tools to let community-based organizations host their own event and report back. Utilize multiple engagement methods, e.g. online and in-person. Utilize existing relationships with other municipal departments. Devote resources to outreach in populations/neighborhoods frequently unengaged by government. Hire a volunteer that lives in that neighborhood or a community-based organization that works with that population. 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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Q26

Please provide a brief explanation of the ways in which you are embedding equity into this action's education/outreach/advocacy methods?

For the Climate Action Planning process, we distributed multi-lingual postcards with links/QR codes to parks, our bus system, laundromats, etc in hopes to get harder to reach residents engaged. While our handouts and videos are only in English, the CAP website we used to engage with people was screen reader compatible and was translatable into multiple languages spoken in our City. We will be producing handouts in multiple languages in the future.

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Q27

Respondent skipped this question

Please provide any supporting documents for the various methods that you answered Yes under Mitigation Action #1.

Page 21: Greenhouse Gas Emission Mitigation Priority Action #2 (Building Efficiency)

Q28

Yes

Is your local/tribal government advancing activities related to Mitigation Action #2:

Page 22: Greenhouse Gas Emission Mitigation Priority Action #2 (Building Efficiency)

Q29

Respondent skipped this question

Please indicate as to why you've been unable to make progress on Mitigation Action #2? Select all that apply.

Q30

Respondent skipped this question

What resource could assist you in advancing this action?

Page 23: Greenhouse Gas Emission Mitigation Priority Action #2 (Building Efficiency)

Q31

Yes

Is your local/tribal government advancing Mitigation Action #2 through assessment/planning methods?

Page 24: Greenhouse Gas Emission Mitigation Priority Action #2 (Building Efficiency)

Q32

Provide a brief description of how Mitigation Action #2 is being advanced through assessment/planning methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

The City's Sustainability Action Plan (SAP) includes goals and projects aimed at reducing electricity consumption in city facilities and community-wide. This plan has 2022 and 2040 goals. We report on the SAP progress annually. Also, our Green Building Ordinance requires EnergyStar Portfolio Manager be used in all new non-residential, city buildings, and residential buildings with 10 or more units.

Q33

Yes

Is equity being embedded into Mitigation Action #2 through assessment/planning methods? 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. If possible, prioritize hiring a people of color or women-owned local contractor or contractors for municipal energy efficiency programs. Require any municipal funding related to energy efficiency retrofits to be prioritized in communities that have been disinvested first. Encourage the use of EnergyStar Portfolio Manager, a free and publicly available online tool, for assessing energy efficiency of buildings. Have an explicit plan/criteria for site prioritization to avoid political pet projects. Conduct an assessment to identify energy use trends those who are most energy-cost burdened; prioritize areas which are most energy-cost burdened first. Identify areas with substandard housing and work to improve conditions, which can impact quality of life and energy cost burden. Engage communities most impacted by energy inefficiency in planning and prioritizing community projects/action. Include considerations for renters in programming/recommendations (non-construction projects)

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Q34

Please provide a brief explanation of the ways in which you are embedding equity into this action's assessment/planning methods?

We require the use of EnergyStar Portfolio Manager, a free and publicly available online tool, for assessing energy efficiency of buildings that are covered under our Green Building Ordinance.

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Q35

Yes

Is your local/tribal government advancing Mitigation Action #2 through program development methods?

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Q36

Provide a brief description of how Mitigation Action #2 is being advanced through program development methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions

The City has carried out multiple energy efficiency upgrades to its existing buildings including a Building Automation System, LED outdoor light conversions, etc. New City facilities have been built to a LEED Gold standard. For at least 5 years the City has been providing free energy and water efficiency giveaways to residents including LED light bulbs and smart power strips. Our new Green Building Ordinance has been utilized for at least 2 major developments this year furthering energy efficiency. We have additional projects slated for next fiscal year to continue furthering this action.

Q37

Yes

Is equity being embedded into Mitigation Action #2 through program development methods? 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. Develop municipal partnership with the Solar Energy Loan Fund program (already in several municipalities across the state) in order to provide safe financing for low- and moderate-income communities. 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. Partner with community-based organizations and organizations that provide direct services. Often times they are the first line of communication with community members and are great starting point for outreach to populations frequently unengaged by government. Partner with a Commissioner/Mayor to retrofit an affordable housing building. Target energy efficiency programs to parts of the community with the greatest need (defined as level of energy burden) as well as those large consumers. Invite community input early in the program development process. Host listening sessions, focus groups, and workshops to understand the energy needs in communities and what obstacles they are facing when trying to lower their energy usage and bills. Use this information to build programs and improve existing programs to address the identified needs.

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Q38

Please provide a brief explanation of the ways in which you are embedding equity into this action's program development methods?

The City has developed a partnership with the Solar Energy Loan Fund.

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Q39

Yes

Is your local/tribal government advancing Mitigation Action #2 through policy methods?

Page 30: Greenhouse Gas Emission Mitigation Priority Action #2 (Building Efficiency)

Q40

Provide a brief description of how Mitigation Action #2 is being advanced through policy methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

Our Green Building Ordinance applies to new City facilities, residential projects with 10 or more units, and all non-residential projects. The SAP was adopted via resolution in 2018. We also have an internal "Sustainable Practice Policy" which covers some energy efficiency areas for the operation of city facilities and the procurement of appliances, electronics, etc.

Q41

Yes

Is equity being embedded into Mitigation Action #2 through policy methods? 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. Include extreme heat as a climate hazard to consider in any municipal resiliency plans. Institute cooling centers in the communities facing high indoor heat burden, air pollution, or urban heat island effect. 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. Push for mandatory requirements over incentives in new construction. Provide property tax breaks for landlords who install energy conservation measures in rental housing. Require rental units to meet baseline levels of energy efficiency and make more stringent over time. Provide financial incentives for energy savings/alternative sources for qualified affordable housing providers/developers with an ultimate goal of having all affordable housing operating at net zero or better in 15 years.

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Q42

Please provide a brief explanation of the ways in which you are embedding equity into this action's policy methods?

We require energy efficiency measures in new buildings via our Green Building Ordinance. Our Climate Action Plan includes goals to reduce the ambient air temperature in areas with high urban heat island effect.

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Q43

Yes

Is your local/tribal government advancing Mitigation Action #2 through budget/investment methods?

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Q44

Provide a brief description of how Mitigation Action #2 is being advanced through budget/investment methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

The City has invested in the free energy & water conservation device giveaway program for more than 5 years. The City has also funded energy conservation capital projects for city facilities for multiple years and continues to fund these types of projects.

Q45

Yes

Is equity being embedded into Mitigation Action #2 through budget/investment methods? 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. Allocate funds annually to pay for outreach campaigns to ensure all communities are aware of energy efficiency programs and assistance Offer financial incentives or financing programs to assist small business owners and/or cash strapped households in efficiency upgrades, and ensure people are aware of incentives Establish a municipality-based weatherization grant program (in addition to County programs) and fund it (to include weather stripping and caulking to improve air seals, replacing or installing insulation, replacing windows, installing energy efficient air conditioning where it is not otherwise available, and other similar repairs free of charge) Fund energy efficient giveaways (LED light bulbs, smart power strips, weather stripping, etc.) at no cost to the resident and automatically provide to residents who are having a hard time paying their bills or have had utility shut-off Ensure maintenance of green infrastructure is considered in proposal so benefits endure Consider creating a Tax Increment Financing (TIF) program or other finance mechanism from successful economic sectors

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Q46

Please provide a brief explanation of the ways in which you are embedding equity into this action's budget/investment methods?

The City funds energy-efficient giveaways (LED light bulbs & smart power strips) at no cost to the resident.

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Q47

Yes

Is your local/tribal government advancing Mitigation Action #2 through education/outreach/advocacy methods?

Page 36: Greenhouse Gas Emission Mitigation Priority Action #2 (Building Efficiency)

Q48

Provide a brief description of how Mitigation Action #2 is being advanced through education/outreach/advocacy methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

The City has hosted multiple webinars and public events to speak about the importance of conserving electricity. At each year's Earth Day event, we invite FPL as a partner to table and tell residents about their available programs and rebates. We have carried out special lecture series with our Seniors at our Hepburn Center to discuss energy efficiency and provide giveaways. We have provided our giveaways to residents participating in our Human Service's food assistance programs. Prior to COVID staff would have a table at all City events and provide free energy & water giveaways.

Q49

Yes

Is equity being embedded into Mitigation Action #2 through education/outreach/advocacy methods? 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. Ensure the elderly population, low-income communities, and others facing a high energy burden are aware of energy efficient options available to them (FPL rebates for programmable thermostats etc.) Ensure any information about this program is available in languages commonly spoken in the community and is also accessible to screen readers. Ensure that outreach goes beyond posting a page on the website or a flyer. Conduct direct outreach to target communities that are most in need of programming. This could include robo-calls or text alerts to seniors, contact sheets from other social services, radio programs, piggybacking as part of public-school outreach efforts to parents, etc. All of these direct outreach approaches should be done in a multilingual format. Work with local community-based organizations to be an education partner on energy efficiency behaviors and techniques/installations. Provide educational resources and technical assistance to industry professionals, building owners and managers, and residents on all aspects of energy efficient building design, retrofits, and operations for new and existing buildings. Create or adapt existing apprentice programs to build a skilled front-line workforce, focusing on building and maintaining alternative energy production and energy saving technologies. Give preference to people and projects in the areas of greatest un- and under-employment. Advance the use and adoption of solar energy within government operations and community-wide.

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Q50

Please provide a brief explanation of the ways in which you are embedding equity into this action's education/outreach/advocacy methods?

We have done targeted outreach to Seniors and food insecure folks.

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Q51

Respondent skipped this question

Please provide any supporting documents to the various methods that you have answered Yes under Mitigation Action #2.

Page 39: Greenhouse Gas Emission Mitigation Priority Action #3 (Solar Energy)

Q52

Yes

Is your local/tribal government advancing activities related to Mitigation Action #3:

Page 40: Greenhouse Gas Emission Mitigation Priority Action #3 (Solar Energy)

Q53

Respondent skipped this question

Please indicate as to why you've been unable to make progress on Mitigation Action #3? Select all that apply.

Q54

Respondent skipped this question

What resources could assist you in advancing this action?

Page 41: Greenhouse Gas Emission Mitigation Priority Actions #3 (Solar Energy)

Q55

No

Is your local/tribal government advancing Mitigation Action #3 through assessment/planning methods?

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Q56

Respondent skipped this question

Provide a brief description of how Mitigation Action #3 is being advanced through assessment/planning methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

Q57

Respondent skipped this question

Is equity being embedded into Mitigation Action #3 through assessment/planning methods? 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. If possible, prioritize hiring a people of color or women-owned local contractor or contractors or solar installation company. Require any municipal funding related to solar energy installations be prioritized in communities that have been disinvested. Assess the solar potential of all sites within the community in an equitable manner. Solar potential scores should not be based on property values or historic investments in the area, but rather on the potential for solar energy production and benefits to the surrounding community. Conduct solar feasibility assessment for all affordable housing owned by the municipality. Conduct solar feasibility for all critical infrastructure especially cooling centers/resilience hubs. Conduct an assessment to identify energy use trends, those within the community who are most energy-cost burdened, and prioritize projects for those areas/people. Identify areas with substandard housing and work to improve conditions which can impact quality of life and energy-cost burden. Consider establishing microgrids on municipally owned-owned properties (such as public housing, libraries, and schools). 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.

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Q58

Respondent skipped this question

Please provide a brief explanation of the ways in which you are embedding equity into this action's assessment/planning methods?

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Q59

Yes

Is your local/tribal government advancing Mitigation Action #3 through program development methods?

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Q60

Provide a brief description of how Mitigation Action #3 is being advanced through program development methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

The City partnered with the South Florida Planning Council in 2019 to become SolSmart Silver designated.

Q61

No

Is equity being embedded into Mitigation Action #3 through program development methods? 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. Work with companies like FPL to establish solar microgrids in low- to moderate-income areas of the municipality Develop municipal partnership with Solar Energy Loan Fund (already in several municipalities across the state) in order to provide safe financing for low and middle-income communities Partner with local organizations who are working on energy issues to help with outreach Include community leaders and members in program design Prioritize spending in municipal-owned affordable housing first, then buildings that provide resources/ services to low- and moderate-income, majority Black residents Consider ways renters can reap benefits of solar, e.g. community solar projects Install solar and battery storage in locations that will serve as resilience hubs or cooling centers Identify what buildings/services will be needed to serve the community in the case of a blackout

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Q62

Respondent skipped this question

Please provide a brief explanation of the ways in which you are embedding equity into this action's program development methods?

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Q63

Yes

Is your local/tribal government advancing Mitigation Action #3 through policy methods?

Page 48: Greenhouse Gas Emission Mitigation Priority Action #3 (Solar Energy)

Q64

Provide a brief description of how Mitigation Action #3 is being advanced through policy methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions

We participate in SolSmart

Q65

Yes

Is equity being embedded into Mitigation Action #3 through policy methods? 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. Participate in programs like SolSmart to reduce barriers to solar installation and reduce soft costs Encourage the creation of solar energy jobs (with living wages) within the municipality Commit that municipality's savings from solar and energy efficiency be reinvested in wealth-building initiatives in disinvested communities Solar permitting should be expedited and fee-free

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Q66

Please provide a brief explanation of the ways in which you are embedding equity into this action's policy methods?

The City participates with SolSmart.

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Q67

No

Is your local/tribal government advancing Mitigation Action #3 through budget/investment methods?

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Q68

Respondent skipped this question

Provide a brief description of how Mitigation Action #3 is being advanced through budget/investment methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

Q69

Respondent skipped this question

Is equity being embedded into Mitigation Action #3 through budget/investment methods? 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. Waive permit fees for residential solar installation Prioritize procurement of government operations solar installations from people of color and women owned businesses if possible Commit that municipality's savings from solar and energy efficiency be reinvested in wealth-building initiatives in disinvested communities Devote money/personnel to support and promote solar co-ops Ensure funding for roof hardening/weatherization/insulation is included especially in older, lower quality affordable housing Include funding for battery storage where possible to provide energy redundancy

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Q70

Respondent skipped this question

Please provide a brief explanation of the ways in which you are embedding equity into this action's budget/investment methods?

Page 53: Greenhouse Gas Emission Mitigation Priority Action #3 (Solar Energy)

Q71

Yes

Is your local/tribal government advancing Mitigation Action #3 through education/outreach/advocacy methods?

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Q72

Provide a brief description of how Mitigation Action #3 is being advanced through education/outreach/advocacy methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

The City created a Solar landing page with all the information a community member would need to install solar via city permits. We promote Broward Solar Co-Op when its accepting Co-Op members and FPL's Solar Together program.

Q73

Yes

Is equity being embedded into Mitigation Action #3 through education/outreach/advocacy methods? 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 education on lower cost ways for residents to go solar, such as SolarTogether and existing solar co-ops. Communicate savings due to solar installation. Provide education on the energy system in general. Support legislation proposed by local groups to make solar more accessible in Florida.

Page 55: Greenhouse Gas Emission Mitigation Priority Action #3 (Solar Energy)

Q74

Please provide a brief explanation of the ways in which you are embedding equity into this action's education/outreach/advocacy methods?

We provide information on lower-cost ways for residents to go solar, such as SolarTogether and existing solar co-ops on our Solar Landing page on our website.

Page 56: Greenhouse Gas Emission Mitigation Priority Action #3 (Solar Energy)

Q75

Respondent skipped this question

Please provide any supporting documents to the various methods that you have answered Yes under Mitigation Action #3.

Page 57: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q76

Yes

Is your local/tribal government advancing activities related to Mitigation Action #4:

Page 58: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q77

Respondent skipped this question

Please indicate as to why you've been unable to make progress on Mitigation Action #4? Select all that apply.

Q78

Respondent skipped this question

What resources could assist you in advancing this action?

Page 59: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q79

Yes

Is your local/tribal government advancing Mitigation Action #4 through assessment/planning methods?

Page 60: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q80

Provide a brief description of how Mitigation Action #4 is being advanced through assessment/planning methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions

The City has a timeline to replace light-duty fleet vehicles at their end of life with EVs and is tracking the City's use of gas/diesel annually in our Sustainability Action Plan Annual Report. The City was also awarded a \$5 million grant to replace and expand our existing mini-bus fleet with all electric buses. We are currently in the planning stages for implementing the EV buses.

Q81

Yes

Is equity being embedded into Mitigation Action #4 through assessment/planning methods? 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. If possible, prioritize hiring a people of color and women-owned contractor for EV infrastructure. If possible, donate EVs and PHEVs to community-based organizations once phased out of the municipal fleet. Commit to providing EV charging for free for at least a few years, if not indefinitely. Involve the community in evaluation of this action's progress. Assess success in this alongside data about demographics, location, and number of users. Assess the benefit and accessibility of proposed or existing EV infrastructure to low- and moderate-income communities and communities of color. 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. Ensure groups/individuals representing low-income communities, communities of color, and those with limited mobility are at the decision-making table.

Page 61: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q82

Please provide a brief explanation of the ways in which you are embedding equity into this action's assessment/planning methods?

At this time all chargers on City Facilities are free. In our Climate Action Plan we include actions to provide a financial incentive for residents to purchase a used EV and for the City to better advertise the auction of used fleet EVs and hybrids to our residents.

Page 62: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q83

Yes

Is your local/tribal government advancing Mitigation Action #4 through program development methods?

Page 63: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q84

Provide a brief description of how Mitigation Action #4 is being advanced through program development methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

Since 2017, the City has installed 10 public level 2 charge ports on City Facilities. All future parks will have EV chargers. In 2020 the City and CRA purchased a total of 4 EVs. We have partnered with FPL to add level 2 chargers to our Municipal Complex and a future fast charger at our Joseph Scavo Park. We're also in the process of installing a DC Fast Charger at our Public Works facility for fleet use. As part of our plan for the creation of Chaves Lake Park, we are including the charging/storage location for our soon to be expanded and all-electric bus fleet.

Q85

Yes

Is equity being embedded into Mitigation Action #4 through program development methods? 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. Build partnerships between community-based organizations, the municipality, transportation agencies, and other stakeholders Offer technical assistance to community groups working to advance this goal Include a partnership with a community-based organization that focuses on job training in disinvested communities to help inform this project Include community leaders and members in program design Install chargers in public parking lots and high-use municipal facilities (parks, administration building) Ensure EV charging is available (and free including parking) for municipal employees Invest in electric busses

Page 64: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q86

Please provide a brief explanation of the ways in which you are embedding equity into this action's program development methods?

We have installed chargers in public parking lots and high-use municipal facilities, we are ensuring EV charging is available and free for the public and city employees, and we're working hard to transition our fare-free mini-bus system to all-electric buses.

Page 65: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q87

Yes

Is your local/tribal government advancing Mitigation Action #4 through policy methods?

Page 66: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q88

Provide a brief description of how Mitigation Action #4 is being advanced through policy methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

Our Sustainable Practice Policy requires that fleet vehicles be replaced with EV or hybrid alternatives wherever possible. Our Sustainability Action Plan includes a project for EV charging.

Q89

No

Is equity being embedded into Mitigation Action #4 through policy methods? 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. Mandate EV charging infrastructure in future commercial & multi-family developments Deploy public EV charging infrastructure in low- and moderate-income parts of the community and with top employers Waive parking fees when an EV is paying for charging in that space Create a tiered procurement policy that ensures that plug-in hybrids and EVs are considered before any internal combustion engine vehicle Offer streamlined permitting, lower to no fees, and other incentives for EV charging projects

Page 67: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q90

Respondent skipped this question

Please provide a brief explanation of the ways in which you are embedding equity into this action's policy methods?

Page 68: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q91 **Yes**

Is your local/tribal government advancing Mitigation Action #4 through budget/investment methods?

Page 69: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q92

Provide a brief description of how Mitigation Action #4 is being advanced through budget/investment methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

The City has allocated budget funds for 2 years now for EV charging. This year through budget funds the City purchased 3 EVs. The CRA through their budget also purchased an EV.

Q93 **No**

Is equity being embedded into Mitigation Action #4 through budget/investment methods? 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. Use EV vehicle tax rebate to invest in chargers Analyze fuel and maintenance savings from EV switch and use the savings to create a charger fund Subsidize the cost of charger installation in affordable housing development Create a group purchase program for residents to receive deep discounts on EVs Partner with car and lease dealerships to provide incentives for purchase of EVs by municipal residents. Pilot with those neighborhoods with the greatest disinvestment and/or those neighborhoods with the greatest VMT potential

Page 70: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q94 **Respondent skipped this question**

Please provide a brief explanation of the ways in which you are embedding equity into this action's budget/investment methods?

Page 71: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q95 **Yes**

Is your local/tribal government advancing Mitigation Action #4 through education/outreach/advocacy methods?

Page 72: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q96

Provide a brief description of how Mitigation Action #4 is being advanced through education/outreach/advocacy methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

We have done community outreach regarding the location of our free EV chargers as well as having a section on our website about where to find chargers and the federal tax rebate. The EVs purchased this year are wrapped with messaging encouraging others to transition to EVs as well.

Q97

Yes

Is equity being embedded into Mitigation Action #4 through education/outreach/advocacy methods? 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 multi-lingual and ADA accessible workshops educating the public on the benefits of EVs and how they can pay for themselves over time despite the higher upfront cost 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 Create/promote a charger network map. Make sure this map is well-promoted so people will feel comfortable making the switch

Page 73: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q98

Please provide a brief explanation of the ways in which you are embedding equity into this action's education/outreach/advocacy methods?

We promote an EV charger map on our website and via our communication channels. The EV section of our website is translatable and screen reader compatible.

Page 74: Greenhouse Gas Emission Mitigation Priority Action #4 (Electric Vehicles)

Q99 Respondent skipped this question

Please provide any supporting documents for the various methods that you answered YES under Mitigation Action #4.

Page 75: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q100 Yes

Is your local/tribal government advancing activities related to Mitigation Action #5?

Page 76: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q101 Respondent skipped this question

Please indicate as to why you've been unable to make progress on Mitigation Action #5? Select all that apply.

Q102 Respondent skipped this question

What resources could assist you in advancing this action?

Page 77: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q103 Yes

Is your local/tribal government advancing Mitigation Action #5 through assessment/planning methods?

Page 78: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q104
Provide a brief description of how Mitigation Action #5 is being advanced through assessment/planning advocacy methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions

All our complete streets projects require bike/pedestrian facilities. The City is currently planning the expansion and electrification of our mini-bus system with the hope to deploy a new EV bus fleet in Fall 2022. We have an organized internal team responsible for this initiative. Our Climate Action Plan also includes multiple projects aimed at improving bike/pedestrian and bus infrastructure city-wide.

Q105

Yes

Is equity being embedded into Mitigation Action #5 through assessment/planning methods? 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. Implement policy/norms to allow for flexible scheduling and working from home. Provide employees and managers with training to ensure this is successful and respectful Promote transit benefits. Work with employers and transit agencies to develop ways to incentivize employee ridership (e.g. rebates for employees who gave up use of employer parking facilities) Choose a bus stop design that provides shelter from the sun and rain and ensure proper maintenance throughout the lifespan of the infrastructure Explore different modes of transportation, not just buses (and if so, consider electrification of the local bus system), but also expand train routes especially to lower income communities Identify high air pollution areas due to transit (e.g. bus lots) and prioritize electrified transit in those areas 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

Page 79: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q106

Please provide a brief explanation of the ways in which you are embedding equity into this action's assessment/planning methods?

The City provides transit benefits to its employees. The City encourages the use of public transit via its Green Event Policy. The City has identified (via EPA EJScreen Tool) areas of greatest air pollution and is incorporating that into future actions for capital improvements. We've also selected a bus stop design that provides shelter from the sun and rain.

Page 80: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q107

Yes

Is your local/tribal government advancing Mitigation Action #5 through program development methods?

Page 81: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q108

Provide a brief description of how Mitigation Action #5 is being advanced through program development methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

The City works an extended service hour workweek, eliminating the need for most staff to commute to the City on Fridays as an alternative work schedule. The City partners with the MPO and Broward County for many transportation system improvements.

Q109

No

Is equity being embedded into Mitigation Action #5 through program development methods? 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. Partner and develop relationships with co-working space providers 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 Work with transit operators and those who maintain our public transportation systems. Include community leaders and members in program design Ensure whoever is designing programs to reduce VMT rides transit from all parts of the municipality to become aware of difficulties that may exist in some parts of the municipality but not others (e.g. no sidewalks, no shade, etc.)

Page 82: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q110

Respondent skipped this question

Please provide a brief explanation of the ways in which you are embedding equity into this action's program development methods?

Page 83: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q111

No

Is your local/tribal government advancing Mitigation Action #5 through policy methods?

Page 84: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q112

Respondent skipped this question

Provide a brief description of how Mitigation Action #5 is being advanced through policy methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

Q113

Respondent skipped this question

Is equity being embedded into Mitigation Action #5 through policy methods? 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. 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. Have fare free days with extreme heat or high air pollution to encourage less cars on the road. Amend municipal code to mandate long-term bike parking facilities and shower facilities at places of employment to encourage bike transportation.

Page 85: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q114

Respondent skipped this question

Please provide a brief explanation of the ways in which you are embedding equity into this action's policy methods?

Page 86: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q115

Yes

Is your local/tribal government advancing Mitigation Action #5 through budget/investment methods?

Page 87: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q116

Provide a brief description of how Mitigation Action #5 is being advanced through budget/investment methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

We are working with FDOT and consultants to design the parking/charging garage for our EV bus fleet. We have been awarded \$779,000 for the operation and maintenance of the EV buses. We have been awarded a \$5 million FDOT grant for our future EV buses. The City has a full-time Transportation Planner.

Q117

Yes

Is equity being embedded into Mitigation Action #5 through budget/investment methods? Below are several suggested ways that a local 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 incentives for the public to ride transportation, e.g. discount or make ridership free during rush hours. Develop grants and provide financial resources for the installation of infrastructure necessary to support telecommuting. 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. Pay transit workers a living wage.

Page 88: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q118

Please provide a brief explanation of the ways in which you are embedding equity into this action's budget/investment methods?

Our mini-bus is fare-free.

Page 89: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q119

Yes

Is your local/tribal government advancing Mitigation Action #5 through education/outreach/advocacy methods?

Page 90: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q120

Provide a brief description of how Mitigation Action #5 is being advanced through education/outreach/advocacy methods. This is not meant to be an exhaustive list, but rather a list of the most impactful actions.

We did an EV bus demo in 2020 specifically with our Senior population. We have also done multiple walk audits with the Broward MPO.

Q121

No

Is equity being embedded into Mitigation Action #5 through education/outreach/advocacy methods? Below is a suggested ways that a local/tribal government can embed equity into this climate action provided as supportive guidance. Respondents can include actions not included in this list. 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

Page 91: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q122

Respondent skipped this question

Please provide a brief explanation of the ways in which you are embedding equity into this action's education/outreach/advocacy methods?

Page 92: Greenhouse Gas Emission Mitigation Priority Action #5 (VMTs)

Q123

Respondent skipped this question

Please provide any supporting documents for the various methods that you answered Yes under Mitigation Action #5.

Page 94: Adaptation Priority Action #1 (Internal Capacity Assessment)

Q124

Yes

Is your local/tribal government advancing activities related to Adaptation Action #1? 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.

Page 95: Adaptation Priority Action #1 (Internal Capacity Assessment)

Q125

Respondent skipped this question

Please indicate as to why you've been unable to make progress in Adaptation Action #1? Select all that apply.

Q126

Respondent skipped this question

What resources could assist you in advancing this action?

Page 96: Adaptation Priority Action #1 (Internal Capacity Assessment)

Q127

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.

We conducted an internal capacity assessment as part of the development of our Post-Disaster Redevelopment Plan.

Q128

No

Is equity being embedded into Adaptation Action #1? 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.

Page 97: Adaptation Priority Action #1 (Internal Capacity Assessment)

Q129

Respondent skipped this question

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

Page 98: Adaptation Priority Action #1 (Internal Capacity Assessment)

Q130

Respondent skipped this question

Please provide any supporting documents under Adaptation Priority Action #1.

Page 99: Adaptation Priority Action #2 (Vulnerability Analysis)

Q131

Yes

Is your local/tribal government advancing activities related to Adaptation Action #2? 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.

Page 100: Adaptation Priority Action #2 (Vulnerability Analysis)

Q132

Respondent skipped this question

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

Q133

Respondent skipped this question

What resources could assist you in advancing this action?

Page 101: Adaptation Priority Action #2 (Vulnerability Analysis)

Q134

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.

In 2020 the City Commission adopted the Vulnerability Assessment & Adaptation Plan which looks at water-related hazards and the City's vulnerability to them. The Climate Action Plan includes a map of urban heat island effect and actions are included within that Plan to help address that hazard.

Q135

Yes

Is equity being embedded into Adaptation Action #2? 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.

Page 102: Adaptation Priority Action #2 (Vulnerability Analysis)

Q136

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

Basic social vulnerability aspects were included in the Vulnerability Assessment & Adaptation Plan and the Post-Disaster Redevelopment Plan.

Page 103: Adaptation Priority Action #2 (Vulnerability Analysis)

Q137

Respondent skipped this question

Please provide any supporting documents under Adaptation Priority Action #2.

Page 104: Adaptation Priority Action #3 (Resilience Plan)

Q138 **Yes**

Is your local/tribal government advancing activities related to Adaptation Action #3?

Page 105: Adaptation Priority Action #3 (Resilience Plan)

Q139 **Respondent skipped this question**

Please indicate as to why you've been unable to make progress on Adaptation Action #3? Select all that apply.

Q140 **Respondent skipped this question**

What resources could assist you in advancing this action?

Page 106: Adaptation Priority Action #3 (Resilience Plan)

Q141

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.

Our Vulnerability Assessment & Adaptation Plan, while it does not necessarily include a timeline for each action there is an overarching pre-3 ft rise timeline for the actions.

Q142**No**

Is equity being embedded into Adaptation Action #3? 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.

Page 107: Adaptation Priority Action #3 (Resilience Plan)

Q143**Respondent skipped this question**

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

Page 108: Adaptation Priority Action #3 (Resilience Plan)

Q144**Respondent skipped this question**

Please provide any supporting documents under Adaptation Priority Action #3.

Page 109: Adaptation Priority Action #4 (Risk Reduction & Planning)

Q145

Yes

Is your local/tribal government advancing activities related to Adaptation Action #4? 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.

Page 110: Adaptation Priority Action #4 (Risk Reduction & Planning)

Q146

Respondent skipped this question

Please indicate as to why you've been unable to make progress on Adaptation Action #4? Select all that apply.

Q147

Respondent skipped this question

What resources could assist you in advancing this action?

Page 111: Adaptation Priority Action #4 (Risk Reduction & Planning)

Q148

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

The City Commission adopted a Post-Disaster Redevelopment Plan in 2020. Our Sustainable Practice Policy also has requirement for city capital projects and infrastructure to be built to sea level rise standards. Our Comprehensive Plan is inclusive of objectives and policies per Peril of Flood including a requirement for public projects within the special flood hazard area and/or Coastal High Hazard Area to incorporate low-impact development. We have not yet incorporated sea level rise into all planning, but are working on it.

Q149**No**

Is equity being embedded into Adaptation Action #4? 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.

Page 112: Adaptation Priority Action #4 (Risk Reduction & Planning)

Q150**Respondent skipped this question**

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

Page 113: Adaptation Priority Action #4 (Risk Reduction & Planning)

Q151**Respondent skipped this question**

Please provide any supporting documents under Adaptation Priority Action #4.

Page 114: Adaptation Priority Action #5 (Policy)

Q152

No

Is your local/tribal government advancing activities related to Adaptation Action #5? This may include improving stormwater management practices, adopting urban heat policies, updating infrastructure standards, conducting remediation of contaminated sites, and updating building codes.

Page 115: Adaptation Priority Action #5 (Policy)

Q153

Limited resource capacity to advance adaptation action

Please indicate as to why you've been unable to make progress in advancing Adaptation Action #5? Select all that apply.

Q154

What resources could assist you in advancing this action?

Additional staff

Page 116: Adaptation Priority Action #5 (Policy)

Q155

Respondent skipped this question

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.

Q156

Respondent skipped this question

Is equity being embedded into Adaptation Action #5? 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.

Page 117: Adaptation Priority Action #5 (Policy)

Q157

Respondent skipped this question

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

Page 118: Adaptation Priority Action #5 (Policy)

Q158

Respondent skipped this question

Please provide any supporting documents under Adaptation Priority Action #5.

Page 119: Adaptation Priority Action #6 (Capital Projects)

Q159

Yes

Is your local/tribal government advancing activities related to Adaptation Action #6? This may include living shorelines, water infrastructure, resilience hubs, parks & open spaces, urban greening, tidal valves, pump stations, road/bridge elevation.

Page 120: Adaptation Priority Action #6 (Capital Projects)

Q160

Respondent skipped this question

Please indicate as to why you've been unable to make progress on Adaptation Action #6? Select all that apply.

Q161

Respondent skipped this question

What resources could assist you in advancing this action?

Page 121: Adaptation Priority Action #6 (Capital Projects)

Q162

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.

Tidal valves, capital projects meeting SLR design/construction standards, beach access standards and dune restoration, & resilience upgrades to a sewer lift station (currently in design).

Q163**No**

Is equity being embedded into Adaptation Action #6? Below are several suggested ways that a local/local 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.

Page 122: Adaptation Priority Action #6 (Capital Projects)

Q164**Respondent skipped this question**

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

Page 123: Adaptation Priority Action #6 (Capital Projects)

Q165**Respondent skipped this question**

Please provide any supporting documents under Adaptation Priority Action #6.