

#15

COMPLETE

Collector: 2021 Responses (Web Link)
Started: Tuesday, August 24, 2021 10:15:39 AM
Last Modified: Thursday, September 16, 2021 3:44:14 PM
Time Spent: Over a week
IP Address: 165.225.222.154

Page 1: Overview

Q1

Local/Tribal Government

City of Miami Beach

Q2

Miami-Dade County

County

Q3

Key Staff Contact

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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.

Compile annual greenhouse gas emissions inventory. (<https://www.mbrisingabove.com/climate-mitigation/green-house-gases/>)

Currently working on a Climate Action Plan which will prioritize actions to reduce GHG emissions.

(<https://www.mbrisingabove.com/your-city-at-work/resilience-strategy/climate-action-plan/>)

The Comprehensive Plan includes policy objective for reduction of carbon emissions.

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 created a public website with open data and information about all of its resilience and climate adaptation and mitigation programs and policies. (<https://www.mbrisingabove.com/climate-mitigation/green-house-gases/>)
Goals are shared with administration

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.

Resolution was passed adopting the pledges of Under2 Coalition, and the United Nations Climate Change's "Climate Neutral Now "and "Race to Zero" campaigns, affirming the City's pledge to support greenhouse gas emissions reductions while planning for the challenges of climate change.

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

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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?

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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.

Adopted resolution to establish a climate action goal to achieve net zero greenhouse gas emissions by 2050.

(<https://www.mbrisingabove.com/wp-content/uploads/2021-31664-Resolution.pdf>)

Resolution authorizing the mayor, on behalf of the City, to sign a letter of intent to join the Compact of Mayors and pledge to reduce greenhouse gas emissions, track progress towards greenhouse gas reduction goals.

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.

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Q18

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

The CAP, which we are currently working on, will incorporate equity into the recommended actions and the recommended actions will have multiple co-benefits.

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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.

Through the Sustainability and Resiliency Fund - the fees collected from those not in compliance with the Green Building Ordinance and Heat Island Ordinance will be used for new resiliency projects and to supplement resiliency elements of existing capital improvement projects.

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?

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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.

Conduct virtual community outreach related to sustainability, mitigation, and emissions reduction.
(<https://www.mbrisingabove.com/your-home/sustainachella/>)

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?

The Resident Sustainability Committee provides recommendations on communitywide sustainability including greenhouse gas emissions reduction, renewable energy and mitigation strategies. (<https://www.miamibeachfl.gov/city-hall/enviro>)

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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.

Utilize electric utility bill management system, EnergyCAP, to track electricity consumption in all municipal buildings, analyze trends, and identify opportunities for energy efficiency projects.

Currently working on a Climate Action Plan which will prioritize actions to reduce GHG emissions. A focus area for the CAP is energy consumption in buildings. (<https://www.mbrisingabove.com/your-city-at-work/resilience-strategy/climate-action-plan/>)

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?

Encourage the use of EnergyStar Portfolio Manager, a free and publicly available online tool, for assessing energy efficiency of buildings. (<https://www.mbrisingabove.com/your-home/energy-conservation/>)

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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

Participate in Miami-Dade County's BE305 program focused on improving building performance. (<https://www.mbrisingabove.com/your-home/energy-conservation/>)

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?

There are 3 approved providers in Miami Beach for Property Assessed Clean Energy (PACE) program: Alliance|NRG (Florida Pace Funding Agency), Clean Energy Corridor (Ygrene), and RenewPACE (Renew Financial). These programs will finance qualifying improvement projects, including energy efficiency, renewable energy and wind resistant property improvements paid through property taxes. (<https://www.mbrisingabove.com/climate-mitigation/renewable-energy/pace/>)

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Q39

Yes

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

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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.

The Green Building Ordinance requires new construction over 7,000 square feet to receive LEED Gold certification or Living Building Challenge certification.

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?

Public hearing fees are waived for the installation of sustainable roofing systems which includes green roofs, blue roofs, cool roofs, and rooftop solar. (<https://www.mbrisingabove.com/climate-science/urban-heat-island-effect/>)

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Q43

Yes

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

Page 33: Greenhouse Gas Emission Mitigation Priority Action #2 (Building Efficiency)

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.

GO Bond funding allocated for projects related to Mitigation Action #2 including LED lighting and roof upgrades. (<https://www.gombinfo.com/report/>)

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?

Certain permit fees are waived for renewable energy/solar systems, sustainable roof systems, and EV charging stations installations. The City works with local non-profit organization (Dream in Green) to provide community workshops (WE-LAB) on energy and water efficiency and give take-home kits

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Q47

Yes

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

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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.

Conduct virtual community outreach related to energy efficiency and energy conservation. (<https://www.mbrisingabove.com/your-home/sustainachella/>)

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?

Work with local non-profit organization (Dream in Green) to provide community workshops (WE-LAB) on energy and water efficiency and give take-home kits to implement strategies at home.

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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

Yes

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

Page 42: Greenhouse Gas Emission Mitigation Priority Action #3 (Solar Energy)

Q56

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.

Through the SolSmart program, an advisor reviewed the City of Miami Beach Code to identify barriers. Following their recommendations, several updates were made including residential height exception for solar, and accessory use for PV in all districts. (<https://www.mbrisingabove.com/wp-content/uploads/LTC-260-2019.pdf>)

Q57**Yes**

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 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

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

Miami Beach was selected to participate in Rocky Mountain Institute's (RMI) Renewables Accelerator Residential Solar Cohort. As part of the cohort, along with Miami-Dade County, we worked with community partners on community outreach of solar energy/solar co-ops and focused on LMI communities that have not previously been targeted. Different tools were presented to help assess neighborhoods with suitable roofs for solar.

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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 non-profit organization (Solar United Neighbors) to develop and implement a solar co-op program along with Miami-Dade County and other community partners. (<https://www.mbrisingabove.com/climate-mitigation/renewable-energy/solar-co-op/>)

Q61

Yes

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

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

The City partnered with non-profit organization on solar co-op program and collaborated with organizations including local branch of NAACP for community outreach. (<https://www.mbrisingabove.com/climate-mitigation/renewable-energy/solar-co-op/>)

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Q63

Yes

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

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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

Solar related building permit fees are waived. (<https://www.mbrisingabove.com/wp-content/uploads/2018/07/2017-4130-Ordinance.pdf>)

Land Development and Permitting fees are waived for renewable energy systems. (<https://www.mbrisingabove.com/wp-content/uploads/2018/07/2017-4130-Ordinance.pdf>)

Ordinance which creates height exceptions to allow for solar panels. (<https://www.mbrisingabove.com/wp-content/uploads/2018/07/2017-4124-Ordinance.pdf>)

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 of Miami Beach has achieved the SolSmart Gold designation, for its efforts to reduce barriers to solar for the community and streamlined its solar permit process. An advisor from SolSmart reviewed the City's code to identify any barriers to solar and provided recommendations. The City implemented those recommendations to reach Gold designation.

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Q67

Yes

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

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Q68

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.

N/A

Q69

Yes

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

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

The building permit fees and Land Use Board approval public hearing fees for solar installation are waived.

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?

Page 54: Greenhouse Gas Emission Mitigation Priority Action #3 (Solar Energy)

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.

Conduct virtual community outreach related to solar energy and solar co-ops. (<https://www.mbrisingabove.com/your-home/sustainachella/>)

Solar United Neighbors (SUN) presented on solar co-op to the resident Sustainability Committee.

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?

Provide education on lower cost ways for residents to install solar through solar co-op, with Solar United Neighbors (SUN). Online resources available on our website including information about PACE financing available for solar system installation. Resolution supporting solar purchasing co-ops. (<https://docmgmt.miamibeachfl.gov/WebLink/DocView.aspx?id=217493&dbid=0&repo=CityClerk>)

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

Performed an initial fleet electrification assessment to determine feasibility of expanding EVs in the municipal fleet and EV charging requirements.

Q81

No

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

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?

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.

Partnership with Blink to install EV charging stations in municipal garages. (<https://www.mbrisingabove.com/climate-mitigation/electric-vehicles/>)

The Miami Beach Smartway Parking Permit program allows residents to obtain a residential parking decal at a 50% discount. (<https://www.miamibeachfl.gov/city-hall/parking/permit-programs/hybrid-vehicle-parking/>)

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?

EV charging stations are installed in high-use municipal garages: 12th Street Garage (G2), 13th Street Garage (G3), 17th Street Garage (G5), 42nd Street Garage (G6), City Hall Garage (G7), Sunset Harbour Garage (G10)

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.

EV Ready Ordinance establishes minimum requirements for electric vehicle parking spaces and charging stations. (<https://www.mbrisingabove.com/wp-content/uploads/2018/07/2016-3988-Ordinance.pdf>)

Q89

Yes

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

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

EV Ready Ordinance establishes minimum requirements for electric vehicle parking spaces and charging stations for all new construction. (<https://www.mbrisingabove.com/wp-content/uploads/2018/07/2016-3988-Ordinance.pdf>)

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.

Fleet is recommending that compact vehicles and SUV's be replaced with plug-in electric hybrid vehicles to departments for which it fits their operations and needs.

Q93

Yes

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

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

The permitting fees from the Building, Planning and Fire Departments for EV charging stations installed on private property are temporarily waived, until March 31, 2023. (<https://www.mbrisingabove.com/wp-content/uploads/2021-4404-Ordinance.pdf>)

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.

Educational materials available on our website including a map of available EV charging stations in the city. (<https://www.mbrisingabove.com/climate-mitigation/electric-vehicles/>)

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?

Educational materials available on our website including a map of available EV charging stations in the city. (<https://www.mbrisingabove.com/climate-mitigation/electric-vehicles/>)

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

Completed Bicycle Pedestrian Master Plan. (<https://www.miamibeachfl.gov/wp-content/uploads/2017/12/miami-beach-bicycle-pedestrian-master-plan-draft-report.pdf>)

Completed Transportation Master Plan. (<https://www.miamibeachfl.gov/wp-content/uploads/2017/10/Transportation-Master-Plan-Final-Report.pdf>)

Completed Citywide Sidewalk Assessment report. (https://www.miamibeachfl.gov/wp-content/uploads/2018/12/MiamiBeachSidewalkReport_.pdf)

Completed Atlantic Greenway Network Master Plan. (<https://www.miamibeachfl.gov/wp-content/uploads/2017/08/AGN-Final.pdf>)

Completed neighborhood specific studies. (<https://www.miamibeachfl.gov/city-hall/transportation/plans-studies/>)

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 Transportation, Parking, and Bicycle-Pedestrian Facilities Committee, composed of 14 community members, serves in an advisory capacity in matters of transportation and parking as they relate to the unique neighborhoods of the city. (<https://www.miamibeachfl.gov/city-hall/parking/transportation-parking-and-bicycle-pedestrian-facilities-committee/>)

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 citywide trolley service provides free service 15 hours per day, 7 days per week along 4 routes throughout the city. (<https://www.miamibeachfl.gov/city-hall/transportation/trolley/>)

There have been seven projects completed totaling 31,000 linear feet for bike lanes on both sides of the road in several neighborhoods.

Long-term bicycle parking and bike repair stations are available for free in 6 of the municipal garages and additional repair stations are available for free across the city. (<https://www.miamibeachfl.gov/city-hall/transportation/bicycle-and-pedestrians/>)

Q109

Yes

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

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

The City offers 2 free on-demand transit services to the public: on-demand transit service for seniors and on-demand transit service for Collins Ave Traffic Mitigation. (<https://www.miamibeachfl.gov/city-hall/transportation/on-demand-transit-service/>)

Interactive map of long-term bicycle parking and repair stations is available online. (<https://www.miamibeachfl.gov/city-hall/transportation/bicycle-and-pedestrians/>)

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

Q111

Yes

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

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

Q112

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.

The City has set alternative parking requirements and reducing minimum off-street parking requirements to encourage alternative modes of transportation. (<https://www.mbrisingabove.com/wp-content/uploads/2017/11/2017-4138-Ordinance.pdf>)

The City adopted mode share that puts pedestrians first, transit/bicycles/freight second, and private vehicles third (corridor based).

Resolution setting goals for all city trolleys and buses to be zero-emission and powered by clean energy.

(<https://docmgmt.miamibeachfl.gov/WebLink/DocView.aspx?id=215079&dbid=0&repo=CityClerk>)

Q113

Yes

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

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

For all residents and visitors, the citiwide trolley service is available for free for all riders.

The City offers 2 free on-demand transit services to the public.

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.

GO Bond funding allocated for projects related to Mitigation Action #5 including sidewalk improvements, street corridor improvements, bike lanes and shared paths. (<https://www.gombinfo.com/report/>)

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?

For all residents and visitors, the citiwide trolley service is available for free for all riders. The City offers 2 free on-demand transit services to the public.

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.

Conduct virtual community outreach related to biking and alternative modes of transportation. (<https://www.mbrisingabove.com/your-home/sustainachella/>)

Q121

Yes

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

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

Host public community meetings to provide information about specific projects and gather feedback from the community.

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.

The City has a resilience team headed by the Chief Resilience Officer. The Resilience team works with departments across the City to advance initiatives that improve resilience and expand adaptation to climate change.

Q128

Yes

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

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

The City has staffing capacity advance planning, public infrastructure and private property adaptation, emergency management initiatives.

The City evaluated flood risk by population density.

The City is participating in Keep Safe Miami initiative, assessing affordable housing resilience, training for Housing and Community Services Capital Project Manager. (<https://www.enterprisecommunity.org/solutions-and-innovation/emergency-management/keep-safe-miami>)

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.

The City conducted its last vulnerability assessment in 2017 to inform the prioritization of assets for adaptation planning and included sea level rise, high tides, and storms.

Another study, the Buoyant City Historic District Resiliency Adaptation Guidelines has the primary goal to better understand and effectively communicate the intersection and the delicate, even precarious relationship between resiliency practices and historic preservation. (<https://www.mbrisingabove.com/wp-content/uploads/The-Buoyant-City-Historic-District-Resiliency-Adaptation-Guidelines.pdf>)

Several third-party organizations have also studied Miami Beach as a case study for climate change hazards and adaptation strategies. A group of students from Harvard Graduate School of Design examined the implications of sea level rise and increased storm events on Miami Beach. (<https://www.mbrisingabove.com/wp-content/uploads/2017/08/South-Florida-and-Sea-Level-The-Case-of-Miami-Beach.pdf>)

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?

Studies and assessments conducted by the City consider all types properties, people, and communities; there is no priority or focus on areas with higher taxable value.

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.

The City has a dedicated resiliency team headed by the City's Chief Resilience Officer. The City of Miami Beach collaborated with Miami-Dade County and the City of Miami on a joint resilience strategy: Resilient305. (<https://www.mbrisingabove.com/your-city-at-work/resilience-strategy/resilient-305/>)

The Miami Beach Strategic Plan was updated in 2019 through the lens of resilience. The strategic plan addresses the city's needs in both the near-term and long-term and incorporates actions to reduce shocks and stresses. (<https://www.mbrisingabove.com/your-city-at-work/resilience-strategy/strategic-plan-2/>)

Q142

Yes

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

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

Thousands of stakeholders that reflect a wide range of expertise, ages, ethnicities, cultures, income levels and geographic areas were engaged to help shape the Resilient305 Strategy. (<https://www.mbrisingabove.com/wp-content/uploads/Our-Story.pdf>) Recommended actions in the "People" goal area aim to improve the lives of residents by supporting job and wealth creation; addressing specific health needs for the most vulnerable among us; and preparing and empowering neighborhoods and networks to anticipate and respond to disruptions, both large and small.

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 is working on updates to the City's current Land Development Regulations (LDR's) and the Resiliency Code. The new Resiliency Code will address all types of land uses and buildings, as well as strengthen the economic foundation necessary for a thriving community. (<https://www.miamibeachfl.gov/city-hall/planning/resiliency-code/>)

The Miami Beach Comprehensive Plan includes a Resiliency and Sustainability Element which consolidates the principles of sustainability and resiliency that were previously located in studies and other planning efforts commissioned by the City. The Housing Element (HE) of the Comprehensive Plan serves as a guide to provide equitable housing options to support the City's socio-economically diverse population and ensures that all residents of the City have access to quality, energy efficient housing.

(<https://www.miamibeachfl.gov/wp-content/uploads/2020/01/2040-Comprehensive-Plan-10-16-2019-Adopted-13MB.pdf>)

Sea level rise included in all planning activities. (<https://docmgmt.miamibeachfl.gov/WebLink/DocView.aspx?id=143673&dbid=0&repo=CityClerk>)

The Resilience Accelerator project with Columbia University focused on working through an integrated planning process to address flooding in the neighborhood. (https://www.mbrisingabove.com/wp-content/uploads/Resiliency-Accelerator-Final_9.4.18-1.pdf)

The Seawall Ordinance codifies minimum elevations for new seawalls and requires seawalls that are in disrepair and are causing flooding on adjacent properties be maintained. (<https://www.mbrisingabove.com/climate-adaptation/public-infrastructure/seawalls/>)

The City adopted the 2019 Update of the Unified Regional Sea Level Rise Projections and gave direction to utilize the updated projections for planning, design and construction purposes. (<https://docmgmt.miamibeachfl.gov/WebLink/DocView.aspx?id=261827&dbid=0&repo=CityClerk>)

Q149

Yes

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

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

There are ongoing meetings with key stakeholders through the development of the Resiliency Code, including homeowner associations, landowner and developer groups, and Chamber of Commerce. (<https://www.miamibeachfl.gov/wp-content/uploads/2021/06/Miami-Beach-Resiliency-Code-City-Commission-Presentation-6-23-21.pdf>)

One of the guiding principles of the Climate Resiliency and Sustainability Element of the Comprehensive Plan is Principle 5: Prioritizing social equity. (<https://www.miamibeachfl.gov/wp-content/uploads/2020/01/2040-Comprehensive-Plan-10-16-2019-Adopted-13MB.pdf>)

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

Yes

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

Respondent skipped this question

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

Q154

Respondent skipped this question

What resources could assist you in advancing this action?

Page 116: Adaptation Priority Action #5 (Policy)

Q155

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

The Base Flood Elevation (BFE) was established at 8.0 ft. NGVD (6.44 ft. NAVD) throughout the City.

(<https://www.mbrisingabove.com/wp-content/uploads/2017/11/2016-4010-Ordinance.pdf>)

The Freeboard Ordinance establishes a minimum and maximum freeboard above base flood elevation for all properties.

(<https://www.mbrisingabove.com/wp-content/uploads/2017/11/2016-4009-Ordinance.pdf>)

The Miami Beach Comprehensive Plan was amended to comply with the Florida Legislature "Peril of Flood" requirements to reduce flood risks in coastal areas. (<https://www.mbrisingabove.com/wp-content/uploads/2017/11/2016-4027-Ordinance.pdf>)

Require an increase of seawall caps on all new private construction and all public seawall construction to be from 3.2 feet NAVD to 5.7 feet NAVD throughout the City. (<https://www.mbrisingabove.com/wp-content/uploads/160608-seawall-elevation-5.7-Reso-2016-29454.pdf>)

Establish a sea level rise and resiliency review criteria as part of the review by the planning board.

(<https://www.mbrisingabove.com/wp-content/uploads/2017/11/2017-4123-Ordinance.pdf>)

Q156

Yes

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

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

Policies are written to protect all communities equally; standards are implemented and enforced uniformly to ensure risk reduction for all.

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.

Stormwater pump stations have been updated, water treatment/pollutant capture elements included in the pump station systems, and tidal control valves installed. (<https://www.mbrisingabove.com/your-city-at-work/stormwater-program/stormwater-pumps/>)

Roads in the most vulnerable areas of the city are being built at higher elevation. (<https://www.mbrisingabove.com/your-city-at-work/stormwater-program/elevation/>)

Living shorelines and hybrid shorelines have been successfully implemented. (<https://www.mbrisingabove.com/climate-adaptation/green-infrastructure/living-shorelines/>)

GO Bond funding allocated for projects related to Adaptation Action #6 including parks and open spaces, and urban forestry tree plantings. (<https://www.gombinfo.com/report/>)

Q163

Yes

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

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

Consultant conducted an objective evaluation system to prioritize the implementation of the City's various capital infrastructure projects, including from the Transportation Master Plan, Water Master Plan, Sewer Master Plan, City Capital Improvement Program. (<https://www.mbrisingabove.com/wp-content/uploads/Neighborhood-Project-Prioritization-1.pdf>)

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

Q165

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

SUPPORTING DOCUMENTS FOR CCAT.docx (20.2KB)
