

Action Plan

Grantee: Puerto Rico

Grant: B-18-DP-72-0002

Grant Award Amount: \$ 8,285,284,000.00

Total Budget: \$ 8,285,284,000.00

Funding Sources

No Funding Sources Found

Narratives

Mitigation Needs Assessment:

The methodology for determining risk-based mitigation needs for the citizens of Puerto Rico considers several interrelated factors and characteristics of the Puerto Rico system. Using the lifeline construct, PRDOH has identified the greatest needs within each of the critical and secondary lifelines by evaluating contributors and mitigators of instability in four key pillars: (1) local planning and regulations, (2) structure and infrastructure improvement needs, (3) natural systems protection, and (4) education and awareness.

Through the Hazard and Risk Analyses and the analysis of lifeline assets and stakeholder input, PRDOH has identified both contributors to instability, as well as existing and potential mitigators of instability in a disaster event. Instability is the tendency to be highly impacted by a disturbance or hazardous event. The goal of mitigation is to reduce instability and move Puerto Rico into a more resilient state.

True mitigation reduces risk to people, lifelines, buildings, infrastructure, ecosystems, and cultural, historic, and natural resources. Mitigation promotes the reduction in risks to critical infrastructure by evaluating potential threats, encouraging resiliency in infrastructure, and planning for redundancy in lifeline services. Each lifeline depends on multiple infrastructure sectors, businesses, and supply chains to function.

PRDOH has determined that infrastructure within each of the seven (7) lifelines could benefit from modernization and investment in retrofits to meet requirements of the latest International Building Code 2018 requirements adopted by the Government of Puerto Rico in November 2018.

New construction that incorporates self-sustaining systems lessens the dependence on fragile centralized systems, thereby promoting resilience. Built-in redundancy and utilization of green infrastructure is key. Improved coordination and governance between institutions, regional problem-solving collaboration, and systems that improve digital data collection,

Proposed Use of Funds:

Nestled in the Caribbean more than 1,000 miles from the nearest shore of the contiguous United States (US), Puerto Rico, a US territory since the year 1898, is home to roughly 3 million Americans. The natural gifts of this archipelago are plentiful—the National Park System’s only tropical rain forest is here, as are several bays filled with bioluminescent sea life, but the nature in Puerto Rico can also be fierce. Its people have had to endure and recover from a long history of hurricanes, earthquakes, landslides and other natural disasters, the most devastating of these being Hurricanes Irma and María, which hit the Island just weeks apart, in 2017. These events were declared the worst natural disaster in US history and left millions without power, without the ability to communicate, and many without food, water, or homes.

The geographic realities of living on a Caribbean Island, only 3,400 square miles in size that shares no state borders and is separated from its mainland country by more than 1,000 miles of open sea, require a mitigation-focused and collaborative



approach to federally-backed investment in housing, infrastructure, and economic recovery, which must result in a demonstrable reduction in risk for the Island.

As the recovery needs in Puerto Rico increase with each disaster, the need for mitigation is ever present. The Government of Puerto Rico has been allocated \$8.285 billion in Community Development Block Grant – Mitigation (CDBG-MIT) funding for long-term planning and risk mitigation activities.

CDBG-MIT Programs in this Action Plan are structured to align with best practice mitigation guidance and current capital investments planned for the Island. PRDOH has identified four (4) unifying strategies built into the Mitigation programs to align with the coordination of mitigation projects and leverage requirements found at Federal Register Vol. 84, No. 169 (August 30, 2019), 84 FR 45847. These unifying strategies are woven into program design and incentivized through evaluation criteria and supported by the development of capacity-building tools, including the Risk Assessment evaluation tool released during stakeholder engagement. These strategies include:

- **Capacity Building:** Make central the importance of continued planning, transparency of information and data sharing critical to emergency response and resilience and increase the planning and implementation capacity for entities and citizens. A key component of increased capacity is also tied to the adoption of policies and procedures that reflect municipal and regional priorities with long-lasting effects on community risk reduction.
- **Community and Regional Investment:** Reduce the conditions of risk through community and regional level projects that identify transformative mitigation opportunities that serve the needs of vulnerable communities and reduce the displacement of individuals.
- **Lifeline Stability and Strengthening:** Strengthen the critical lifelines through prioritizing infrastructure improvements that avoid or reduce disruption of critical services while promoting sustainability.
- **Alignment of Capital Investments:** Alignment of CDBG–MIT programs and projects with other planned federal, state,

Project Summary

Project #	Project Title	Grantee Activity #	Activity Title	Grantee Program
9999	Restricted Balance	<i>No activities in this project</i>		
Administration	Administration MIT B-18-DP-72-	MITA12ADM-DOH-NA	Administrative Budget MIT	
Housing MIT B-	Housing MIT B-18-DP-72-0002	MITH07SFH-DOH-LM	Single Family Housing Mitigation Program	
		MITH08SIH-DOH-LM	Social Interest Housing Mitigation Program	
		MITH09MSC-DOH-LM	Multi-Sector Community Mitigation Program LM	
		MITH09MSC-DOH-UN	Multi-Sector Community Mitigation Program UN	
Infrastructure	Infrastructure MIT B-18-DP-72-	MITI04IMP-DOH-LM	Infrastructure Mitigation Program LM	
		MITI04IMP-DOH-UN	Infrastructure Mitigation Program UN	
		MITI05HMG-DOH-LM	HMGP Match Set Aside LM	
		MITI05HMG-DOH-UN	HMGP Match Set Aside UN	
		MITI06HFS-DOH-LM	Healthcare Facilities Set Aside LM	
		MITI06HFS-DOH-UN	Healthcare Facilities Set Aside UN	
Multi-Sector MIT	Multi-Sector MIT B-18-DP-72-0002	MITM10EDI-DOH-UN	Economic Development Investment Portfolio for Growth Program UN	
		MITM11CEW-DOH-UN	Energy and Water Resilience Incentives Program UN	
		MITM11CEWDOHCILM	Energy/Water Installations Community Installations LMI	
		MITM11CEWDOHCIUN	Energy/Water Installations Community Installations UN	
		MITM11CEWDOHHILM	Energy/Water Installations Home Improvement LMI	
Planning MIT B-	Planning MIT B-18-DP-72-0002	MITP01RAD-DOH-NA	Risk and Asset Data Collection Program	
		MITP02MAP-DOH-NA	Mitigation and Adaptation Policy Support Program	
		MITP03PCB-DOH-NA	Planning and Capacity Building Program	
State Planning	State Planning MIT B-18-DP-72-	MITP13POP-DOH-NA	Planning Oversight	





Activities

Project # / Administration MIT B-18-DP-72-0002 / Administration MIT B-18-

Grantee Activity Number: MITA12ADM-DOH-NA

Activity Title: Administrative Budget MIT

Activity Type:

Administration

Project Number:

Administration MIT B-18-DP-72-0002

Projected Start Date:

04/19/2021

Project Draw Block by HUD:

Not Blocked

Activity Draw Block by HUD:

Not Blocked

Block Drawdown By Grantee:

Not Blocked

National Objective:

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

Benefit Report Type:

NA

Ancillary Activities

None

Proposed budgets for organizations carrying out Activity:

Responsible Organization

Puerto Rico Department of Housing

Organization Type

State Agency

Proposed Budget

\$ 414,264,200.00

Location Description:

Central and regional offices throughout the island.

Activity Status:

Under Way

Project Title:

Administration MIT B-18-DP-72-0002

Projected End Date:

04/18/2033

Project Draw Block Date by HUD:

05/13/2033 by Steven Edwards

Activity Draw Block Date by HUD:

05/13/2033 by Steven Edwards

\$ 414,264,200.00

Most Impacted and

Distressed Budget: \$ 414,264,200.00

Total Funds:

\$ 414,264,200.00



Activity Description:

Administrative expenses regarding the salaries, wages and other expenses carry out under the CDBG-DR MIT funds.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes

Disaster Type: Hurricane

Activity Supporting Documents: None

Project # / [Housing MIT B-18-DP-72-0002 / Housing MIT B-18-DP-72-0002](#)



Grantee Activity Number: MITH07SFH-DOH-LM

Activity Title: Single Family Housing Mitigation Program

Activity Type:

MIT - Rehabilitation/reconstruction of residential structures

Project Number:

Housing MIT B-18-DP-72-0002

Projected Start Date:

04/19/2021

Project Draw Block by HUD:

Not Blocked

Activity Draw Block by HUD:

Not Blocked

Block Drawdown By Grantee:

Not Blocked

National Objective:

Low/Mod: Benefit to low- and moderate-income persons/families

Activity Status:

Under Way

Project Title:

Housing MIT B-18-DP-72-0002

Projected End Date:

04/18/2033

Project Draw Block Date by HUD:

05/13/2033 by Steven Edwards

Activity Draw Block Date by HUD:

05/13/2033 by Steven Edwards

\$ 1,600,896,086.00

Most Impacted and

Distressed Budget:

\$ 1,600,896,086.00

Total Funds:

\$ 1,600,896,086.00

Benefit Report Type:

Direct (Households)

Ancillary Activities

None

Proposed Beneficiaries

	Total	Low	Mod	Low/Mod%
# Renter Households				0.0
# Owner Households	6400	3200	3200	100.00
# of Households	6400	3200	3200	100.00
# of structures harden against future flood events	128	64	64	100.00

Proposed Accomplishments

	Total
# of Singlefamily Units	6400
# of Multifamily Units	
# of Housing Units	6400
# of Targeted Section 3 Labor Hours	
# of Section 3 Labor Hours	
# of Total Labor Hours	
# of properties with access above 100-yr flood level	
% reduction in energy costs	
# of residents protected from future flooding	
# of properties protected from future flooding	



# affordable housing units	
\$ estimated flood loss avoidance	
# of public housing residents provided new housing	
# of homes retrofitted with resiliency measures	6400
\$ Median property value of homes retrofitted with resiliency measures	
# of Elevated Structures	128
# of Substantially Rehabilitated Units	6400
# ELI Households (0-30% AMI)	
#Units deconstructed	
# of Properties	

Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
Puerto Rico Department of Housing	State Agency	\$ 1,600,896,086.00

Location Description:

Municipalities throughout the island.

Activity Description:

The Single-Family Housing Mitigation Program is available to all households in Puerto Rico that face risk as calculated in the Puerto Rico Risk Assessment. Due to limited resources, however, PRDOH has designed this Program to prioritize mitigation assistance to those households with an immediate threat that are uninhabitable due to damages from recent disaster or hazardous events, are under immediate threat due to damage from recent events, are certified as a Substantially Damaged property under local regulations, and/or are located in a high risk area in Puerto Rico.

The Single-Family Housing Mitigation Program has been designed to prioritize mitigation solutions according to the housing structure conditions, location and risk level for homeowners categorized under the beneficiaries classifications, interested in repairs, rehabilitation, voluntary relocation, or elevation as means to reduce the risk of loss of life and property. This Program offers individual flood and landslide threatened homeowners with the option to investigate the feasibility of elevation of their home, the feasibility of reinforcing the property foundation, or the alternative option for voluntary relocation. The Single-Family Housing Mitigation Program also includes the installation of solar and water resilience systems as part of mitigation activities.

Environmental Assessment: UNDERWAY

Environmental Reviews: None

Activity Attributes

Disaster Type: Hurricane

Activity Supporting Documents: None



Grantee Activity Number: MITH08SIH-DOH-LM

Activity Title: Social Interest Housing Mitigation Program

Activity Type:

MIT - Rehabilitation/reconstruction of residential structures

Project Number:

Housing MIT B-18-DP-72-0002

Projected Start Date:

04/19/2021

Project Draw Block by HUD:

Not Blocked

Activity Draw Block by HUD:

Not Blocked

Block Drawdown By Grantee:

Not Blocked

National Objective:

Low/Mod: Benefit to low- and moderate-income persons/families

Activity Status:

Under Way

Project Title:

Housing MIT B-18-DP-72-0002

Projected End Date:

04/18/2033

Project Draw Block Date by HUD:

05/13/2033 by Steven Edwards

Activity Draw Block Date by HUD:

05/13/2033 by Steven Edwards

\$ 100,000,000.00

Most Impacted and

Distressed Budget: \$ 100,000,000.00

Total Funds:

\$ 100,000,000.00

Benefit Report Type:

Direct (Households)

Ancillary Activities

None

Proposed Beneficiaries

	Total	Low	Mod	Low/Mod%
# Renter Households				0.0
# Owner Households	1100	550	550	100.00
# of Households	1100	550	550	100.00
# of structures harden against future flood events				0.0

Proposed Accomplishments

	Total
# of Singlefamily Units	
# of Multifamily Units	1100
# of Housing Units	1100
# of Targeted Section 3 Labor Hours	
# of Section 3 Labor Hours	
# of Total Labor Hours	
# of properties with access above 100-yr flood level	
% reduction in energy costs	
# of residents protected from future flooding	
# of properties protected from future flooding	



affordable housing units
 \$ estimated flood loss avoidance
 # of public housing residents provided new housing
 # of homes retrofitted with resiliency measures
 \$ Median property value of homes retrofitted with resiliency measures
 # of Elevated Structures
 # of Substantially Rehabilitated Units
 # ELI Households (0-30% AMI)
 #Units deconstructed
 # of Properties 40

Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
Puerto Rico Department of Housing	State Agency	\$ 100,000,000.00

Location Description:

Municipalities throughout the island.

Activity Description:

The Social Interest Housing Mitigation Program (SIHM) will be available for eligible organizations that have demonstrated experience working with populations to be served under this housing program, such as: homeless, senior citizens, domestic violence victims, persons with intellectual disability, persons with developmental and/ or physical disability, persons living with HIV/AIDS, individuals recovering from addiction and individuals with other functional or access needs.

The SIHM Program is intended to address the varying and localized need for mitigation against a number of hazardous threats, and not to limit projects based on the top risks at the Island-wide level, nor by an assumption of need in a generalized way. Community threats differ greatly when local geography and geographic susceptibility to hazards is considered. It is for this reason that the Program promotes data-informed decision making for all eligible applicant entities by launching the publicly transparent Risk and Critical Assets Assessment tools.

The goal for the Program is to address the mitigation needs by funding projects with high-quality, modern, resilient housing solutions for vulnerable populations and protected classes.

Environmental Assessment: UNDERWAY

Environmental Reviews: None

Activity Attributes

Disaster Type: Hurricane

Activity Supporting Documents: None



Grantee Activity Number: MITH09MSC-DOH-LM

Activity Title: Multi-Sector Community Mitigation Program LM

Activity Type:

MIT - Rehabilitation/reconstruction of residential structures

Project Number:

Housing MIT B-18-DP-72-0002

Projected Start Date:

04/19/2021

Project Draw Block by HUD:

Not Blocked

Activity Draw Block by HUD:

Not Blocked

Block Drawdown By Grantee:

Not Blocked

National Objective:

Low/Mod: Benefit to low- and moderate-income persons/families

Benefit Report Type:

Direct (Households)

Activity Status:

Under Way

Project Title:

Housing MIT B-18-DP-72-0002

Projected End Date:

04/18/2033

Project Draw Block Date by HUD:

05/13/2033 by Steven Edwards

Activity Draw Block Date by HUD:

05/13/2033 by Steven Edwards

\$ 153,000,000.00

Most Impacted and

Distressed Budget: \$ 153,000,000.00

Total Funds:

\$ 153,000,000.00

Ancillary Activities

None

Proposed Beneficiaries

	Total	Low	Mod	Low/Mod%
# Renter Households				0.0
# Owner Households	952	476	476	100.00
# of Households	952	476	476	100.00
# of structures harden against future flood events	952	476	476	100.00

Proposed Accomplishments

	Total
# of Singlefamily Units	802
# of Multifamily Units	150
# of Housing Units	952
# of Targeted Section 3 Labor Hours	
# of Section 3 Labor Hours	
# of Total Labor Hours	
# of properties with access above 100-yr flood level	
% reduction in energy costs	
# of residents protected from future flooding	



of properties protected from future flooding 952

affordable housing units

\$ estimated flood loss avoidance

of public housing residents provided new housing

of homes retrofitted with resiliency measures

\$ Median property value of homes retrofitted with resiliency measures

of Elevated Structures

of Substantially Rehabilitated Units

ELI Households (0-30% AMI)

#Units deconstructed

of Properties

Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
Puerto Rico Department of Housing	State Agency	\$ 153,000,000.00

Location Description:

Municipalities throughout the island.

Activity Description:

Puerto Rican communities face a pressing need to reduce risk from a multitude of threats, which are most effectively addressed at the local level. This Program considers mitigation needs on a community-scale to address local risks while keeping communities together. By addressing these needs on a community rather than individual level, the Program promotes relocating or rebuilding neighborhoods and communities to lower the risk posed to its residents, enabling them to thrive in a lower risk environment. The Program addresses the need to reduce loss of life and property by offering a community-based mitigation approach for self-defined neighborhoods and communities located in an area with confirmed risks as identified in the Risk Assessment. This approach to risk reduction allows for mitigation to take place on a more comprehensive scale and to address the range of known risks that threaten Puerto Rican communities, not just the risk of those disasters that have affected the Island in recent years such as hurricanes, earthquakes, and localized flood events.

To support community preservation, this Program considers a multi-sector approach to community need, based on the fact that Puerto Rican communities include single family housing, multi-family housing, infrastructure, and businesses. A multi-sector approach also addresses risk reduction needs for condo-owners and renters through the voluntary buyout or acquisition of multi-family condo and rental buildings.

Reduction of risk is furthered by PRDOH through the assistance to public housing units that is part of the Infrastructure HMGP match, which includes fifty-nine (59) potential public and multi-family housing projects with mitigative activities that stand to serve vulnerable communities.

This community-based redevelopment or relocation program stands to offer the following benefits:

- *Relocates residents out of harm's way by strategically removing whole neighborhoods from high-risk areas.
- *Restores natural function of floodplain for buyout areas converted to green space, which also lowers risk to surrounding built environment.
- *Fortifies housing stock for redeveloped areas which could increase Community Rating System score potentially lowering National Flood Insurance Program (NFIP) and private insurance premiums.
- *Synergizes private investment from the developer community with federal funding to create economic growth, jobs, and enhances quality of life around nodal resilience/improvements/development.
- *Preserves to the greatest extent possible the socio-economic fabric of existing communities and neighborhoods.

PRDOH recognizes the eight (8) Caño Martín Peña communities in San Juan, Puerto Rico, have invested significant planning efforts in identifying community-based mitigation needs, and therefore, identify the communities as a potential candidate for this Program. As these communities are in an advanced planning stage, PRDOH will work with Caño Martín Peña communities to implement, at a minimum, a \$52 million



community-based project to serve the housing needs of its residents. The Caño Martín Peña encompasses the following communities:

1. Barrio Obrero
2. Barrio Obrero - Marina
3. Buena Vista - Santurce
4. Buena Vista - Hato Rey
5. Israel - Bitumul
6. Peninsula de Cantera

Eligibility for the Program will be determined based on program criteria as published in the program guidelines.

Environmental Assessment: UNDERWAY

Environmental Reviews: None

Activity Attributes

Disaster Type: Hurricane

Activity Supporting Documents: None



Grantee Activity Number: MITH09MSC-DOH-UN

Activity Title: Multi-Sector Community Mitigation Program UN

Activity Type:

MIT - Rehabilitation/reconstruction of residential structures

Project Number:

Housing MIT B-18-DP-72-0002

Projected Start Date:

04/19/2021

Project Draw Block by HUD:

Not Blocked

Activity Draw Block by HUD:

Not Blocked

Block Drawdown By Grantee:

Not Blocked

National Objective:

Urgent Need Mitigation: Activities funded with the CDBG-MIT grant that result in measurable and verifiable reductions in the risk of loss of life and property from future disasters and yield community development benefits

Benefit Report Type:

Direct (Households)

Ancillary Activities

None

Proposed Beneficiaries

	Total	Low	Mod	Low/Mod%
# Renter Households				0.0
# Owner Households	168			0.00
# of Households	168			0.00
# of structures harden against future flood events	168			0.00

Proposed Accomplishments

	Total
# of Singlefamily Units	168
# of Multifamily Units	
# of Housing Units	168
# of Targeted Section 3 Labor Hours	
# of Section 3 Labor Hours	
# of Total Labor Hours	
# of properties with access above 100-yr flood level	
% reduction in energy costs	

Activity Status:

Under Way

Project Title:

Housing MIT B-18-DP-72-0002

Projected End Date:

04/18/2033

Project Draw Block Date by HUD:

05/13/2033 by Steven Edwards

Activity Draw Block Date by HUD:

05/13/2033 by Steven Edwards

\$ 147,000,000.00

Most Impacted and

Distressed Budget: \$ 147,000,000.00

Total Funds:

\$ 147,000,000.00



# of residents protected from future flooding	
# of properties protected from future flooding	168
# affordable housing units	
\$ estimated flood loss avoidance	
# of public housing residents provided new housing	
# of homes retrofitted with resiliency measures	
\$ Median property value of homes retrofitted with resiliency measures	
# of Elevated Structures	
# of Substantially Rehabilitated Units	
# ELI Households (0-30% AMI)	
#Units deconstructed	
# of Properties	

Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
Puerto Rico Department of Housing	State Agency	\$ 147,000,000.00

Location Description:

Municipalities throughout the island.

Activity Description:

Puerto Rican communities face a pressing need to reduce risk from a multitude of threats, which are most effectively addressed at the local level. This Program considers mitigation needs on a community-scale to address local risks while keeping communities together. By addressing these needs on a community rather than individual level, the Program promotes relocating or rebuilding neighborhoods and communities to lower the risk posed to its residents, enabling them to thrive in a lower risk environment. The Program addresses the need to reduce loss of life and property by offering a community-based mitigation approach for self-defined neighborhoods and communities located in an area with confirmed risks as identified in the Risk Assessment. This approach to risk reduction allows for mitigation to take place on a more comprehensive scale and to address the range of known risks that threaten Puerto Rican communities, not just the risk of those disasters that have affected the Island in recent years such as hurricanes, earthquakes, and localized flood events.

To support community preservation, this Program considers a multi-sector approach to community need, based on the fact that Puerto Rican communities include single family housing, multi-family housing, infrastructure, and businesses. A multi-sector approach also addresses risk reduction needs for condo-owners and renters through the voluntary buyout or acquisition of multi-family condo and rental buildings.

Reduction of risk is furthered by PRDOH through the assistance to public housing units that is part of the Infrastructure HMGP match, which includes fifty-nine (59) potential public and multi-family housing projects with mitigative activities that stand to serve vulnerable communities.

This community-based redevelopment or relocation program stands to offer the following benefits:

- *Relocates residents out of harm's way by strategically removing whole neighborhoods from high-risk areas.
 - *Restores natural function of floodplain for buyout areas converted to green space, which also lowers risk to surrounding built environment.
 - *Fortifies housing stock for redeveloped areas which could increase Community Rating System score potentially lowering National Flood Insurance Program (NFIP) and private insurance premiums.
 - *Synergizes private investment from the developer community with federal funding to create economic growth, jobs, and enhances quality of life around nodal resilience/improvements/development.
 - *Preserves to the greatest extent possible the socio-economic fabric of existing communities and neighborhoods.
- PRDOH recognizes the eight (8) Caño Martín Peña communities in San Juan, Puerto Rico, have invested significant planning efforts in identifying community-based mitigation needs, and therefore, identify the



communities as a potential candidate for this Program. As these communities are in an advanced planning stage, PRDOH will work with Caño Martín Peña communities to implement, at a minimum, a \$52 million community-based project to serve the housing needs of its residents. The Caño Martín Peña encompasses the following communities:

1. Barrio Obrero
2. Barrio Obrero - Marina
3. Buena Vista - Santurce
4. Buena Vista - Hato Rey
5. Israel - Bitumul
6. Peninsula de Cantera

Eligibility for the Program will be determined based on program criteria as published in the program guidelines.

Environmental Assessment: UNDERWAY

Environmental Reviews: None

Activity Attributes

Disaster Type: Hurricane

Activity Supporting Documents: None

Project # / **Infrastructure MIT B-18-DP-72-0002 / Infrastructure MIT B-18-**



Grantee Activity Number: MITI04IMP-DOH-LM

Activity Title: Infrastructure Mitigation Program LM

Activity Type:

MIT - Public Facilities and Improvements-Covered Projects Only

Project Number:

Infrastructure MIT B-18-DP-72-0002

Projected Start Date:

04/19/2021

Project Draw Block by HUD:

Not Blocked

Activity Draw Block by HUD:

Not Blocked

Block Drawdown By Grantee:

Not Blocked

National Objective:

Low/Mod: Benefit to low- and moderate-income persons/families

Benefit Report Type:

Area Benefit (Census)

Ancillary Activities

None

Proposed Accomplishments

- # of Targeted Section 3 Labor Hours
- # of Section 3 Labor Hours
- # of Total Labor Hours
- % decrease in NFIP CRS score
- \$ estimated value of flood loss avoided
- # of storm water projects implemented
- # of small water retention devices/systems installed
- # of reduced hours streets are flooded
- # of linear feet of shoreline restored
- # cubic feet of stormwater storage added
- # of non-invasive species trees planted on project sites
- # acres of newly added or improved green space
- # of properties with access above 100-yr flood level
- # of fewer outages of critical facilities and utilities

Activity Status:

Under Way

Project Title:

Infrastructure MIT B-18-DP-72-0002

Projected End Date:

04/18/2033

Project Draw Block Date by HUD:

05/13/2033 by Steven Edwards

Activity Draw Block Date by HUD:

05/13/2033 by Steven Edwards

\$ 1,283,225,583.00

Most Impacted and

Distressed Budget: \$ 1,283,225,583.00

Total Funds:

\$ 1,283,225,583.00

Total



of acres no longer vulnerable to flood events
 # of green infrastructure projects constructed
 # of acres green infrastructure created
 % reduction of water surface elevation level
 % reduction of sanitary sewer overflows
 % reduction in loss of service
 % reduction in energy costs
 % increase in pumping capacity
 % increase in number of acres converted to open space
 % increase in groundwater infiltration
 % increase in acres of cropland protected from flooding
 % decrease water surface elevation level during a flood with a qualifying event
 % decrease in road closures in target area during a flood event
 % decrease in disruption hours to residents and businesses from impacts of
 % decrease in area inundated by flooding
 % decrease in affluent discharged
 % reduction in emergency maintenance costs
 # of water control structures repaired/replaced
 # of pump stations repaired/replaced
 # of linear feet of stream restored
 # of containment systems constructed
 # of brownfield acres converted to wetland
 # of acres with improved multiple hazard risk mapping
 # of acres of native vegetation planted
 # of residents protected from future flooding
 # of properties protected from future flooding
 # of acres green space preserved
 # of acres green space created
 # of vacant lots repurposed
 # occupied structures in floodplain
 # linear feet of streams restored
 # acres of wetlands created
 # of linear feet of trails constructed
 # of greenspace users
 \$ Funds allocated for water-quality improvements
 \$ Funds allocated for water management/flood mitigation improvements
 % reduction of watershed nitrate loading
 # of Elevated Structures
 # of Linear Feet of Water Lines
 # of Linear Feet of Sewer Lines
 # of Linear miles of Public Improvement
 # of Linear feet of Public Improvement 211476
 # of Non-business Organizations benefitting



of public facilities

4971

of buildings (non-residential)

LMI%:

Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
Puerto Rico Department of Housing	State Agency	\$ 1,283,225,583.00

Location Description:

Municipalities throughout the island.

Activity Description:

PRDOH will administer one (1) Mitigation Infrastructure Program intended to fund projects within the full range of eligible public facilities improvement activities so long as the project mitigates identified risk(s). Projects must demonstrate risk mitigation properties that benefit the population under the urgent need or LMI national objective, and LMI beneficiaries must be prioritized. The greater number of hazards mitigated by one (1) project, the better. Smaller-scale projects that mitigate the most risk for specific neighborhoods, municipalities, or regions shall be considered if they are an established priority project and supported by a sound feasibility analysis and justification. The most competitive projects, however, will be those that leverage regional solutions and partnerships, provide a greater risk reduction benefit to the critical lifelines, and benefit more citizens.

Due to the varying and localized need for mitigation against several hazardous threats, PRDOH does not want to limit projects based on the top risks at the Island-wide level, nor by an assumption of need in a generalized way. The ultimate goal of this Program is to strategically identify areas of risk and mitigate the most risk for the greatest amount of people in a cost-effective manner. This is best accomplished through planning, design, and innovation realized through the implementation of public facilities improvement eligible under this Program. Projects eligible for funding are intended to serve the needs of the people by allowing for scaled investments that make critical mitigation dollars accessible to all communities on the Island: municipal, regional, or Island-wide.

Environmental Assessment: UNDERWAY

Environmental Reviews: None

Activity Attributes

Disaster Type: Hurricane

Facility Type: Other

Activity Supporting Documents: None



Grantee Activity Number: MITI04IMP-DOH-UN

Activity Title: Infrastructure Mitigation Program UN

Activity Type:

MIT - Public Facilities and Improvements-Covered Projects Only

Project Number:

Infrastructure MIT B-18-DP-72-0002

Projected Start Date:

04/19/2021

Project Draw Block by HUD:

Not Blocked

Activity Draw Block by HUD:

Not Blocked

Block Drawdown By Grantee:

Not Blocked

National Objective:

Urgent Need Mitigation: Activities funded with the CDBG-MIT grant that result in measurable and verifiable reductions in the risk of loss of life and property from future disasters and yield community development benefits

Benefit Report Type:

Area Benefit (Census)

Ancillary Activities

None

Proposed Accomplishments

- # of Targeted Section 3 Labor Hours
- # of Section 3 Labor Hours
- # of Total Labor Hours
- % decrease in NFIP CRS score
- \$ estimated value of flood loss avoided
- # of storm water projects implemented
- # of small water retention devices/systems installed
- # of reduced hours streets are flooded
- # of linear feet of shoreline restored
- # cubic feet of stormwater storage added
- # of non-invasive species trees planted on project sites
- # acres of newly added or improved green space
- # of properties with access above 100-yr flood level

Activity Status:

Under Way

Project Title:

Infrastructure MIT B-18-DP-72-0002

Projected End Date:

04/18/2033

Project Draw Block Date by HUD:

05/13/2033 by Steven Edwards

Activity Draw Block Date by HUD:

05/13/2033 by Steven Edwards

\$ 1,283,225,583.00

Most Impacted and

Distressed Budget: \$ 1,283,225,583.00

Total Funds:

\$ 1,283,225,583.00

Total



of fewer outages of critical facilities and utilities
 # of acres no longer vulnerable to flood events
 # of green infrastructure projects constructed
 # of acres green infrastructure created
 % reduction of water surface elevation level
 % reduction of sanitary sewer overflows
 % reduction in loss of service
 % reduction in energy costs
 % increase in pumping capacity
 % increase in number of acres converted to open space
 % increase in groundwater infiltration
 % increase in acres of cropland protected from flooding
 % decrease water surface elevation level during a flood with a qualifying event
 % decrease in road closures in target area during a flood event
 % decrease in disruption hours to residents and businesses from impacts of
 % decrease in area inundated by flooding
 % decrease in affluent discharged
 % reduction in emergency maintenance costs
 # of water control structures repaired/replaced
 # of pump stations repaired/replaced
 # of linear feet of stream restored
 # of containment systems constructed
 # of brownfield acres converted to wetland
 # of acres with improved multiple hazard risk mapping
 # of acres of native vegetation planted
 # of residents protected from future flooding
 # of properties protected from future flooding
 # of acres green space preserved
 # of acres green space created
 # of vacant lots repurposed
 # occupied structures in floodplain
 # linear feet of streams restored
 # acres of wetlands created
 # of linear feet of trails constructed
 # of greenspace users
 \$ Funds allocated for water-quality improvements
 \$ Funds allocated for water management/flood mitigation improvements
 % reduction of watershed nitrate loading
 # of Elevated Structures
 # of Linear Feet of Water Lines
 # of Linear Feet of Sewer Lines
 # of Linear miles of Public Improvement
 # of Linear feet of Public Improvement 211476



of Non-business Organizations benefitting

of public facilities

4971

of buildings (non-residential)

LMI%:	45.71
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Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
Puerto Rico Department of Housing	State Agency	\$ 1,283,225,583.00

Location Description:

Municipalities throughout the island.

Activity Description:

PRDOH will administer one (1) Mitigation Infrastructure Program intended to fund projects within the full range of eligible public facilities improvement activities so long as the project mitigates identified risk(s). Projects must demonstrate risk mitigation properties that benefit the population under the urgent need or LMI national objective, and LMI beneficiaries must be prioritized. The greater number of hazards mitigated by one (1) project, the better. Smaller-scale projects that mitigate the most risk for specific neighborhoods, municipalities, or regions shall be considered if they are an established priority project and supported by a sound feasibility analysis and justification. The most competitive projects, however, will be those that leverage regional solutions and partnerships, provide a greater risk reduction benefit to the critical lifelines, and benefit more citizens.

Due to the varying and localized need for mitigation against several hazardous threats, PRDOH does not want to limit projects based on the top risks at the Island-wide level, nor by an assumption of need in a generalized way. The ultimate goal of this Program is to strategically identify areas of risk and mitigate the most risk for the greatest amount of people in a cost-effective manner. This is best accomplished through planning, design, and innovation realized through the implementation of public facilities improvement eligible under this Program. Projects eligible for funding are intended to serve the needs of the people by allowing for scaled investments that make critical mitigation dollars accessible to all communities on the Island: municipal, regional, or Island-wide.

Environmental Assessment: UNDERWAY

Environmental Reviews: None

Activity Attributes

Disaster Type: Hurricane

Facility Type: Other

Activity Supporting Documents: None



Grantee Activity Number: MITI05HMG-DOH-LM

Activity Title: HMGP Match Set Aside LM

Activity Type:

MIT - Public Facilities and Improvements-Covered Projects Only

Project Number:

Infrastructure MIT B-18-DP-72-0002

Projected Start Date:

04/19/2021

Project Draw Block by HUD:

Not Blocked

Activity Draw Block by HUD:

Not Blocked

Block Drawdown By Grantee:

Not Blocked

National Objective:

Low/Mod: Benefit to low- and moderate-income persons/families

Benefit Report Type:

Area Benefit (Census)

Ancillary Activities

None

Proposed Accomplishments

- # of Targeted Section 3 Labor Hours
- # of Section 3 Labor Hours
- # of Total Labor Hours
- % decrease in NFIP CRS score
- \$ estimated value of flood loss avoided
- # of storm water projects implemented
- # of small water retention devices/systems installed
- # of reduced hours streets are flooded
- # of linear feet of shoreline restored
- # cubic feet of stormwater storage added
- # of non-invasive species trees planted on project sites
- # acres of newly added or improved green space
- # of properties with access above 100-yr flood level
- # of fewer outages of critical facilities and utilities

Activity Status:

Under Way

Project Title:

Infrastructure MIT B-18-DP-72-0002

Projected End Date:

04/18/2033

Project Draw Block Date by HUD:

05/13/2033 by Steven Edwards

Activity Draw Block Date by HUD:

05/13/2033 by Steven Edwards

\$ 500,000,000.00

Most Impacted and

Distressed Budget: \$ 500,000,000.00

Total Funds:

\$ 500,000,000.00

Total



of acres no longer vulnerable to flood events
 # of green infrastructure projects constructed
 # of acres green infrastructure created
 % reduction of water surface elevation level
 % reduction of sanitary sewer overflows
 % reduction in loss of service
 % reduction in energy costs
 % increase in pumping capacity
 % increase in number of acres converted to open space
 % increase in groundwater infiltration
 % increase in acres of cropland protected from flooding
 % decrease water surface elevation level during a flood with a qualifying event
 % decrease in road closures in target area during a flood event
 % decrease in disruption hours to residents and businesses from impacts of
 % decrease in area inundated by flooding
 % decrease in affluent discharged
 % reduction in emergency maintenance costs
 # of water control structures repaired/replaced
 # of pump stations repaired/replaced
 # of linear feet of stream restored
 # of containment systems constructed
 # of brownfield acres converted to wetland
 # of acres with improved multiple hazard risk mapping
 # of acres of native vegetation planted
 # of residents protected from future flooding
 # of properties protected from future flooding
 # of acres green space preserved
 # of acres green space created
 # of vacant lots repurposed
 # occupied structures in floodplain
 # linear feet of streams restored
 # acres of wetlands created
 # of linear feet of trails constructed
 # of greenspace users
 \$ Funds allocated for water-quality improvements
 \$ Funds allocated for water management/flood mitigation improvements
 % reduction of watershed nitrate loading
 # of Elevated Structures
 # of Linear Feet of Water Lines
 # of Linear Feet of Sewer Lines
 # of Linear miles of Public Improvement
 # of Linear feet of Public Improvement 82400
 # of Non-business Organizations benefitting



of public facilities

1937

of buildings (non-residential)

LMI%:	45.71
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Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
Puerto Rico Department of Housing	State Agency	\$ 500,000,000.00

Location Description:

Municipalities throughout the island.

Activity Description:

The Program includes a one (\$1) billion dollars set-aside for HMGP match to provide the required twenty-five percent (25%) non-federal match funding for FEMA HMGP projects through a Global Match Program. Projects funded by FEMA HMGP must comply with HMGP resilience standards and meet the mitigation standards of this Program according to the project evaluation criteria. For HMGP match projects, mitigation merit shall be determined by the BCA results of each project selected for match funding. By working with COR3 to execute dually funded resilience projects, PRDOH will advance long-term resilience to hazard risk identified in the Risk Assessment. HMGP projects selected for match shall be determined in direct coordination with COR3, and shall therefore adhere to the direct selection method maximum award: MAX AWARD: \$600,000,000.

Exceptions to the maximum award will be considered by PRDOH on a case-by-case basis which shall contemplate the project's long term mitigation potential, the circumstances under which an exception is needed, whether the project BCA demonstrates that the cost of providing assistance is necessary and reasonable, and the project operations and maintenance plan. Exceptions to the maximum award will be considered when necessary to comply with federal accessibility standards, or to reasonably accommodate persons with disabilities.

Environmental Assessment: UNDERWAY

Environmental Reviews: None

Activity Attributes

Disaster Type: Hurricane
Facility Type: Other

Activity Supporting Documents: None



Grantee Activity Number: MITI05HMG-DOH-UN

Activity Title: HMGP Match Set Aside UN

Activity Type:

MIT - Public Facilities and Improvements-Covered Projects Only

Project Number:

Infrastructure MIT B-18-DP-72-0002

Projected Start Date:

04/19/2021

Project Draw Block by HUD:

Not Blocked

Activity Draw Block by HUD:

Not Blocked

Block Drawdown By Grantee:

Not Blocked

National Objective:

Urgent Need Mitigation: Activities funded with the CDBG-MIT grant that result in measurable and verifiable reductions in the risk of loss of life and property from future disasters and yield community development benefits

Benefit Report Type:

Area Benefit (Census)

Ancillary Activities

None

Proposed Accomplishments

- # of Targeted Section 3 Labor Hours
- # of Section 3 Labor Hours
- # of Total Labor Hours
- % decrease in NFIP CRS score
- \$ estimated value of flood loss avoided
- # of storm water projects implemented
- # of small water retention devices/systems installed
- # of reduced hours streets are flooded
- # of linear feet of shoreline restored
- # cubic feet of stormwater storage added
- # of non-invasive species trees planted on project sites
- # acres of newly added or improved green space
- # of properties with access above 100-yr flood level

Activity Status:

Under Way

Project Title:

Infrastructure MIT B-18-DP-72-0002

Projected End Date:

04/18/2033

Project Draw Block Date by HUD:

05/13/2033 by Steven Edwards

Activity Draw Block Date by HUD:

05/13/2033 by Steven Edwards

\$ 500,000,000.00

Most Impacted and

Distressed Budget: \$ 500,000,000.00

Total Funds:

\$ 500,000,000.00

Total



of fewer outages of critical facilities and utilities
 # of acres no longer vulnerable to flood events
 # of green infrastructure projects constructed
 # of acres green infrastructure created
 % reduction of water surface elevation level
 % reduction of sanitary sewer overflows
 % reduction in loss of service
 % reduction in energy costs
 % increase in pumping capacity
 % increase in number of acres converted to open space
 % increase in groundwater infiltration
 % increase in acres of cropland protected from flooding
 % decrease water surface elevation level during a flood with a qualifying event
 % decrease in road closures in target area during a flood event
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 # of vacant lots repurposed
 # occupied structures in floodplain
 # linear feet of streams restored
 # acres of wetlands created
 # of linear feet of trails constructed
 # of greenspace users
 \$ Funds allocated for water-quality improvements
 \$ Funds allocated for water management/flood mitigation improvements
 % reduction of watershed nitrate loading
 # of Elevated Structures
 # of Linear Feet of Water Lines
 # of Linear Feet of Sewer Lines
 # of Linear miles of Public Improvement
 # of Linear feet of Public Improvement 82400



of Non-business Organizations benefitting

of public facilities

1937

of buildings (non-residential)

LMI%:

Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
Puerto Rico Department of Housing	State Agency	\$ 500,000,000.00

Location Description:

Municipalities throughout the island.

Activity Description:

The Program includes a one (\$1) billion dollars set-aside for HMGP match to provide the required twenty-five percent (25%) non-federal match funding for FEMA HMGP projects through a Global Match Program. Projects funded by FEMA HMGP must comply with HMGP resilience standards and meet the mitigation standards of this Program according to the project evaluation criteria. For HMGP match projects, mitigation merit shall be determined by the BCA results of each project selected for match funding. By working with COR3 to execute dually funded resilience projects, PRDOH will advance long-term resilience to hazard risk identified in the Risk Assessment. HMGP projects selected for match shall be determined in direct coordination with COR3, and shall therefore adhere to the direct selection method maximum award: MAX AWARD: \$600,000,000.

Exceptions to the maximum award will be considered by PRDOH on a case-by-case basis which shall contemplate the project's long term mitigation potential, the circumstances under which an exception is needed, whether the project BCA demonstrates that the cost of providing assistance is necessary and reasonable, and the project operations and maintenance plan. Exceptions to the maximum award will be considered when necessary to comply with federal accessibility standards, or to reasonably accommodate persons with disabilities.

Environmental Assessment: UNDERWAY

Environmental Reviews: None

Activity Attributes

Disaster Type: Hurricane

Facility Type: Other

Activity Supporting Documents: None



Grantee Activity Number: MITI06HFS-DOH-LM

Activity Title: Healthcare Facilities Set Aside LM

Activity Type:

MIT - Public Facilities and Improvements-Covered Projects Only

Project Number:

Infrastructure MIT B-18-DP-72-0002

Projected Start Date:

04/19/2021

Project Draw Block by HUD:

Not Blocked

Activity Draw Block by HUD:

Not Blocked

Block Drawdown By Grantee:

Not Blocked

National Objective:

Low/Mod: Benefit to low- and moderate-income persons/families

Benefit Report Type:

Area Benefit (Census)

Ancillary Activities

None

Proposed Accomplishments

- # of Targeted Section 3 Labor Hours
- # of Section 3 Labor Hours
- # of Total Labor Hours
- % decrease in NFIP CRS score
- \$ estimated value of flood loss avoided
- # of storm water projects implemented
- # of small water retention devices/systems installed
- # of reduced hours streets are flooded
- # of linear feet of shoreline restored
- # cubic feet of stormwater storage added
- # of non-invasive species trees planted on project sites
- # acres of newly added or improved green space
- # of properties with access above 100-yr flood level
- # of fewer outages of critical facilities and utilities

Activity Status:

Under Way

Project Title:

Infrastructure MIT B-18-DP-72-0002

Projected End Date:

04/18/2033

Project Draw Block Date by HUD:

05/13/2033 by Steven Edwards

Activity Draw Block Date by HUD:

05/13/2033 by Steven Edwards

\$ 500,000,000.00

Most Impacted and

Distressed Budget: \$ 500,000,000.00

Total Funds:

\$ 500,000,000.00

Total



of acres no longer vulnerable to flood events
 # of green infrastructure projects constructed
 # of acres green infrastructure created
 % reduction of water surface elevation level
 % reduction of sanitary sewer overflows
 % reduction in loss of service
 % reduction in energy costs
 % increase in pumping capacity
 % increase in number of acres converted to open space
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 # of brownfield acres converted to wetland
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 # linear feet of streams restored
 # acres of wetlands created
 # of linear feet of trails constructed
 # of greenspace users
 \$ Funds allocated for water-quality improvements
 \$ Funds allocated for water management/flood mitigation improvements
 % reduction of watershed nitrate loading
 # of Elevated Structures
 # of Linear Feet of Water Lines
 # of Linear Feet of Sewer Lines
 # of Linear miles of Public Improvement
 # of Linear feet of Public Improvement 82400
 # of Non-business Organizations benefitting



of public facilities

1937

of buildings (non-residential)

LMI%:	45.71
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Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
Puerto Rico Department of Housing	State Agency	\$ 500,000,000.00

Location Description:

Municipalities throughout the island.

Activity Description:

The Program includes a one (\$1) billion-dollar set-aside to strengthen healthcare facilities for the benefit of medically underserved citizens, and minimize, through accessible healthcare, the fatalities likely from a disaster event. As such, it shall be implemented in consultation with the Puerto Rico Department of Health. Method for administration of funds shall be published in the Program Guidelines. Program activities can include improvements, expansions, and construction of new facilities to fortify and innovate buildings and permanent equipment.

healthcare system to mitigate the impacts of future disasters, both natural and human-caused, such as the COVID-19 pandemic. Building architecture for new construction must incorporate disaster-resistant building elements and self-sustaining power, water, and data communication features.

Such facilities should prove resistant to disaster-induced threats, thereby increasing the number of patients that can be sheltered and served in a disaster event. New resilient hospitals and clinics must be constructed to the most recent IBC 2018 standards and strategically located to reduce vulnerability to flooding and earthquakes. New facilities will be encouraged to meet LEED or other appropriate green building standards. Building design should consider the integration of information technology and building architecture to support sustainable power and data communication. New construction must include the installation of tele-health technology. Projects for the Healthcare Strengthening Set-Aside shall be selected employing both the competitive and the strategic selection methods. Requirements for direct selection of strategic health projects shall be identified to the Program by the Central Government in coordination with the Puerto Rico Department of Health and/or other State Agencies. Projects at or above \$100 million could exceed the Covered Project threshold established by HUD, thereby requiring a full BCA for the projects to qualify for funding.

Environmental Assessment: UNDERWAY

Environmental Reviews: None

Activity Attributes

Disaster Type: Hurricane

Facility Type: Hospital

Activity Supporting Documents: None



Grantee Activity Number: MITI06HFS-DOH-UN

Activity Title: Healthcare Facilities Set Aside UN

Activity Type:

MIT - Public Facilities and Improvements-Covered Projects Only

Project Number:

Infrastructure MIT B-18-DP-72-0002

Projected Start Date:

04/19/2021

Project Draw Block by HUD:

Not Blocked

Activity Draw Block by HUD:

Not Blocked

Block Drawdown By Grantee:

Not Blocked

National Objective:

Urgent Need Mitigation: Activities funded with the CDBG-MIT grant that result in measurable and verifiable reductions in the risk of loss of life and property from future disasters and yield community development benefits

Benefit Report Type:

Area Benefit (Census)

Ancillary Activities

None

Proposed Accomplishments

- # of Targeted Section 3 Labor Hours
- # of Section 3 Labor Hours
- # of Total Labor Hours
- % decrease in NFIP CRS score
- \$ estimated value of flood loss avoided
- # of storm water projects implemented
- # of small water retention devices/systems installed
- # of reduced hours streets are flooded
- # of linear feet of shoreline restored
- # cubic feet of stormwater storage added
- # of non-invasive species trees planted on project sites
- # acres of newly added or improved green space
- # of properties with access above 100-yr flood level

Activity Status:

Under Way

Project Title:

Infrastructure MIT B-18-DP-72-0002

Projected End Date:

04/18/2033

Project Draw Block Date by HUD:

05/13/2033 by Steven Edwards

Activity Draw Block Date by HUD:

05/13/2033 by Steven Edwards

\$ 500,000,000.00

Most Impacted and

Distressed Budget: \$ 500,000,000.00

Total Funds:

\$ 500,000,000.00

Total



of fewer outages of critical facilities and utilities
 # of acres no longer vulnerable to flood events
 # of green infrastructure projects constructed
 # of acres green infrastructure created
 % reduction of water surface elevation level
 % reduction of sanitary sewer overflows
 % reduction in loss of service
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 # of acres green space created
 # of vacant lots repurposed
 # occupied structures in floodplain
 # linear feet of streams restored
 # acres of wetlands created
 # of linear feet of trails constructed
 # of greenspace users
 \$ Funds allocated for water-quality improvements
 \$ Funds allocated for water management/flood mitigation improvements
 % reduction of watershed nitrate loading
 # of Elevated Structures
 # of Linear Feet of Water Lines
 # of Linear Feet of Sewer Lines
 # of Linear miles of Public Improvement
 # of Linear feet of Public Improvement 82400



of Non-business Organizations benefitting

of public facilities

1937

of buildings (non-residential)

LMI%:	45.71
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Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
Puerto Rico Department of Housing	State Agency	\$ 500,000,000.00

Location Description:

Municipalities throughout the island.

Activity Description:

The Program includes a one (\$1) billion-dollar set-aside to strengthen healthcare facilities for the benefit of medically underserved citizens, and minimize, through accessible healthcare, the fatalities likely from a disaster event. As such, it shall be implemented in consultation with the Puerto Rico Department of Health. Method for administration of funds shall be published in the Program Guidelines. Program activities can include improvements, expansions, and construction of new facilities to fortify and innovate buildings and permanent equipment.

healthcare system to mitigate the impacts of future disasters, both natural and human-caused, such as the COVID-19 pandemic. Building architecture for new construction must incorporate disaster-resistant building elements and self-sustaining power, water, and data communication features.

Such facilities should prove resistant to disaster-induced threats, thereby increasing the number of patients that can be sheltered and served in a disaster event. New resilient hospitals and clinics must be constructed to the most recent IBC 2018 standards and strategically located to reduce vulnerability to flooding and earthquakes. New facilities will be encouraged to meet LEED or other appropriate green building standards. Building design should consider the integration of information technology and building architecture to support sustainable power and data communication. New construction must include the installation of tele-health technology. Projects for the Healthcare Strengthening Set-Aside shall be selected employing both the competitive and the strategic selection methods. Requirements for direct selection of strategic health projects shall be identified to the Program by the Central Government in coordination with the Puerto Rico Department of Health and/or other State Agencies. Projects at or above \$100 million could exceed the Covered Project threshold established by HUD, thereby requiring a full BCA for the projects to qualify for funding.

Environmental Assessment: UNDERWAY

Environmental Reviews: None

Activity Attributes

Disaster Type: Hurricane
Facility Type: Hospital

Activity Supporting Documents: None

Project # / Multi-Sector MIT B-18-DP-72-0002 / Multi-Sector MIT B-18-DP-



Grantee Activity Number: MITM10EDI-DOH-UN

Activity Title: Economic Development Investment Portfolio for Growth Program UN

Activity Type:

MIT - Economic Development

Project Number:

Multi-Sector MIT B-18-DP-72-0002

Projected Start Date:

04/19/2021

Project Draw Block by HUD:

Not Blocked

Activity Draw Block by HUD:

Not Blocked

Block Drawdown By Grantee:

Not Blocked

National Objective:

Urgent Need Mitigation: Activities funded with the CDBG-MIT grant that result in measurable and verifiable reductions in the risk of loss of life and property from future disasters and yield community development benefits

Benefit Report Type:

Direct (Person)

Activity Status:

Under Way

Project Title:

Multi-Sector MIT B-18-DP-72-0002

Projected End Date:

04/18/2033

Project Draw Block Date by HUD:

05/13/2033 by Steven Edwards

Activity Draw Block Date by HUD:

05/13/2033 by Steven Edwards

\$ 628,816,696.00

Most Impacted and

Distressed Budget: \$ 628,816,696.00

Total Funds:

\$ 628,816,696.00

Ancillary Activities

None

Proposed Beneficiaries

	Total	Low	Mod	Low/Mod%
# of Persons	4568			0.00
# of Permanent Jobs Retained				0.0
# of Permanent Jobs Created	6956			0.00

Proposed Accomplishments

	Total
# of micro-grids constructed to sustain critical services during a power outage	
# of properties with access above 100-yr flood level	
% reduction in loss of service	
% reduction in energy costs	
% decrease in disruption hours to residents and businesses from impacts of	
# of properties protected from future flooding	
# of vacant lots repurposed	
\$ estimated flood loss avoidance	
# of Elevated Structures	



of Loans Provided for Rehabilitation or Retrofit of Commercial/Retail

of Non-Residential Buildings Rehabilitated

of Businesses

194304

of buildings (non-residential)

Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
Puerto Rico Department of Housing	State Agency	\$ 628,816,696.00

Location Description:

Municipalities throughout the island.

Activity Description:

The Economic Development Investment Portfolio for Growth Lifeline Mitigation Program is a mitigation-focused extension of the CDBG-DR program that will target funding for privately owned lifeline infrastructure to support Risk-Based Mitigation Needs. The launch of this program shall also take into account the changing economic landscape, as benefits of economic recovery efforts tied to the hurricanes are realized. Revitalizing Puerto Rico through economic investment is more than a program. It is a commitment to the renewal and expansion of quality-of-life opportunities for Puerto Rican citizens, empowering them to own their own recovery from future hazard events. The means to accomplish such a goal are not found in a one-dimensional approach to economic funding, but rather in laying the foundation for ongoing evaluation, planning, and formulation of adaptive investment strategies that take into consideration the economic constraints and opportunities at that time. Much like CDBG-DR, this mitigation-focused extension of the program is intended to fund large-scale redevelopment projects that are transformative in nature and create jobs as well as cascading economic impacts. Projects under this program are key to a comprehensive mitigation strategy to enable and nurture strategic growth nodes and strengthen economic vitality.

Environmental Assessment: EXEMPT

Environmental Reviews: None

Activity Attributes

Disaster Type:	Hurricane
Improve Economic Development Potential and Economic Security:	Yes

Activity Supporting Documents: None



Grantee Activity Number: MITM11CEW-DOH-UN

Activity Title: Energy and Water Resilience Incentives Program UN

Activity Type:

MIT - Rehabilitation/reconstruction of residential structures

Project Number:

Multi-Sector MIT B-18-DP-72-0002

Projected Start Date:

04/19/2021

Project Draw Block by HUD:

Not Blocked

Activity Draw Block by HUD:

Not Blocked

Block Drawdown By Grantee:

Not Blocked

National Objective:

Urgent Need Mitigation: Activities funded with the CDBG-MIT grant that result in measurable and verifiable reductions in the risk of loss of life and property from future disasters and yield community development benefits

Benefit Report Type:

Direct (Households)

Activity Status:

Under Way

Project Title:

Multi-Sector MIT B-18-DP-72-0002

Projected End Date:

04/18/2033

Project Draw Block Date by HUD:

05/13/2033 by Steven Edwards

Activity Draw Block Date by HUD:

05/13/2033 by Steven Edwards

\$ 100,000,000.00

Most Impacted and

Distressed Budget: \$ 100,000,000.00

Total Funds:

\$ 100,000,000.00

Ancillary Activities

None

Proposed Beneficiaries

	Total	Low	Mod	Low/Mod%
# Renter Households				0.0
# Owner Households	5000			0.00
# of Households	5000			0.00
# of structures harden against future flood events				0.0

Proposed Accomplishments

	Total
# of Targeted Section 3 Labor Hours	
# of Section 3 Labor Hours	
# of Total Labor Hours	
# of properties with access above 100-yr flood level	
% reduction in energy costs	
# of residents protected from future flooding	
# of properties protected from future flooding	
# affordable housing units	



\$ estimated flood loss avoidance
 # of public housing residents provided new housing
 # of homes retrofitted with resiliency measures 5000
 \$ Median property value of homes retrofitted with resiliency measures
 # of Elevated Structures
 # of Substantially Rehabilitated Units
 # ELI Households (0-30% AMI)
 #Units deconstructed
 # of Properties

Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
Puerto Rico Department of Housing	State Agency	\$ 100,000,000.00

Location Description:

Municipalities throughout the island.

Activity Description:

INCENTIVE PROGRAM. Max Award: \$20,000 per household. An incentive program covering up to \$20,000 or a designated percentage of household project costs will be offered to enable the installation of renewable energy systems, including storage, which provide electricity to the building during times of electric grid failure. Eligible applicants must own or have a proprietary interest in the single-family residential structure, and it must be their primary residence.

Environmental Assessment: UNDERWAY

Environmental Reviews: None

Activity Attributes

Disaster Type: Hurricane

Activity Supporting Documents: None



Grantee Activity Number: MITM11CEWDOHCILM

Activity Title: Energy/Water Installations Community Installations LMI

Activity Type:

MIT - Public Facilities and Improvements-Non Covered Projects

Project Number:

Multi-Sector MIT B-18-DP-72-0002

Projected Start Date:

10/17/2022

Project Draw Block by HUD:

Not Blocked

Activity Draw Block by HUD:

Not Blocked

Block Drawdown By Grantee:

Not Blocked

National Objective:

Low/Mod: Benefit to low- and moderate-income persons/families

Benefit Report Type:

NA

Activity Status:

Under Way

Project Title:

Multi-Sector MIT B-18-DP-72-0002

Projected End Date:

04/18/2033

Project Draw Block Date by HUD:

05/13/2033 by Steven Edwards

Activity Draw Block Date by HUD:

Total Funds: \$ 37,500,000.00

Most Impacted and Distressed Budget: \$ 37,500,000.00

Total Funds: \$ 37,500,000.00

Ancillary Activities

None

Proposed Accomplishments

- # of Targeted Section 3 Labor Hours
- # of Section 3 Labor Hours
- # of Total Labor Hours
- % decrease in NFIP CRS score
- # of storm water projects implemented
- # of small water retention devices/systems installed
- # of reduced hours streets are flooded
- # of linear feet of shoreline restored
- # cubic feet of stormwater storage added
- # of non-invasive species trees planted on project sites
- # acres of newly added or improved green space
- # of properties with access above 100-yr flood level
- # of fewer outages of critical facilities and utilities

Total



of acres no longer vulnerable to flood events
of green infrastructure projects constructed
of acres green infrastructure created
% reduction of water surface elevation level
% reduction of sanitary sewer overflows
% reduction in loss of service
% reduction in energy costs
% increase in pumping capacity
% increase in number of acres converted to open space
% increase in groundwater infiltration
% increase in acres of cropland protected from flooding
% decrease water surface elevation level during a flood with a qualifying event
% decrease in road closures in target area during a flood event
% decrease in disruption hours to residents and businesses from impacts of
% decrease in area inundated by flooding
% decrease in affluent discharged
% reduction in emergency maintenance costs
of water control structures repaired/replaced
of pump stations repaired/replaced
of linear feet of stream restored
of containment systems constructed
of brownfield acres converted to wetland
of acres with improved multiple hazard risk mapping
of acres of native vegetation planted
of residents protected from future flooding
of properties protected from future flooding
of acres green space preserved
of acres green space created
of vacant lots repurposed
occupied structures in floodplain
linear feet of streams restored
acres of wetlands created
\$ estimated flood loss avoidance
of linear feet of trails constructed
of greenspace users
\$ Funds allocated for water-quality improvements
\$ Funds allocated for water management/flood mitigation improvements
% reduction of watershed nitrate loading
of Elevated Structures
of Linear Feet of Water Lines
of Linear Feet of Sewer Lines
of Linear miles of Public Improvement
of Linear feet of Public Improvement



of Non-business Organizations benefitting

of public facilities

15

of buildings (non-residential)

Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
Puerto Rico Department of Housing	State Agency	\$ 37,500,000.00

Location Description:

Municipalities throughout the island.

Activity Description:

COMMUNITY INSTALLATIONS. Max Award: \$2,000,000. Community installations of energy production and storage, water catchment systems, and sanitary sewer system solutions may be offered to complement home-based improvements or reduce household barriers to mitigation. Community-based systems may include individual household renewable energy systems that are installed as part of a collective. Community installations may include larger kilowatt, bimodal systems that can support health, lighting, communication, and other backup energy needs of area residents. Community-based systems may also include public microgrids. Community-based water security interventions may be introduced, similarly, where a greater community need may be met, where more localized interventions are less feasible or cost-efficient, and in particular where the community is not part of the Island-wide water supply system (e.g., non-PRASA communities). For both energy and water resilience efforts, these installations may be introduced in areas where housing typologies or existing structures cannot accommodate solar panels or water systems, or where a larger scale typology is more cost-efficient to serve the community.

Entities eligible to apply to this Program include:

*Units of general local government/ Local and Municipal Governments (including departments and divisions).

*Community-Based Development Organizations and private not-for-profits.

*Non-governmental organization (501 (c)(3)) or Not for Profit Entities.

All applicants are encouraged to demonstrate community support for proposed projects. This may include: documentation of consultation with the local municipality (ies) in which the project area and persons of benefit reside, letter(s) of support from community organizations or leaders representing the project area and persons of benefit, or through instruments such as formalized consortia or executed memoranda of agreement (MOA).

Community applicants will be required to submit a long-term operations and maintenance plan that addresses the operations and maintenance costs of the energy and/or water and wastewater infrastructure improved. All applicants are required to submit a long-term operations and maintenance plan and must identify reasonable milestones for any plan that will be reliant on proposed changes to existing taxation policies or tax collection practices.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes

Disaster Type: Hurricane

Activity Supporting Documents: None



Grantee Activity Number: MITM11CEWDOHCIUN

Activity Title: Energy/Water Installations Community Installations UN

Activity Type:

MIT - Public Facilities and Improvements-Non Covered Projects

Project Number:

Multi-Sector MIT B-18-DP-72-0002

Projected Start Date:

10/17/2022

Project Draw Block by HUD:

Not Blocked

Activity Draw Block by HUD:

Not Blocked

Block Drawdown By Grantee:

Not Blocked

National Objective:

Urgent Need Mitigation: Activities funded with the CDBG-MIT grant that result in measurable and verifiable reductions in the risk of loss of life and property from future disasters and yield community development benefits

Benefit Report Type:

NA

Ancillary Activities

None

Proposed Accomplishments

- # of Targeted Section 3 Labor Hours
- # of Section 3 Labor Hours
- # of Total Labor Hours
- % decrease in NFIP CRS score
- # of storm water projects implemented
- # of small water retention devices/systems installed
- # of reduced hours streets are flooded
- # of linear feet of shoreline restored
- # cubic feet of stormwater storage added
- # of non-invasive species trees planted on project sites
- # acres of newly added or improved green space
- # of properties with access above 100-yr flood level

Activity Status:

Under Way

Project Title:

Multi-Sector MIT B-18-DP-72-0002

Projected End Date:

04/18/2033

Project Draw Block Date by HUD:

05/13/2033 by Steven Edwards

Activity Draw Block Date by HUD:

\$ 12,500,000.00

Most Impacted and

Distressed Budget: \$ 12,500,000.00

Total Funds:

\$ 12,500,000.00

Total



of fewer outages of critical facilities and utilities
of acres no longer vulnerable to flood events
of green infrastructure projects constructed
of acres green infrastructure created
% reduction of water surface elevation level
% reduction of sanitary sewer overflows
% reduction in loss of service
% reduction in energy costs
% increase in pumping capacity
% increase in number of acres converted to open space
% increase in groundwater infiltration
% increase in acres of cropland protected from flooding
% decrease water surface elevation level during a flood with a qualifying event
% decrease in road closures in target area during a flood event
% decrease in disruption hours to residents and businesses from impacts of
% decrease in area inundated by flooding
% decrease in affluent discharged
% reduction in emergency maintenance costs
of water control structures repaired/replaced
of pump stations repaired/replaced
of linear feet of stream restored
of containment systems constructed
of brownfield acres converted to wetland
of acres with improved multiple hazard risk mapping
of acres of native vegetation planted
of residents protected from future flooding
of properties protected from future flooding
of acres green space preserved
of acres green space created
of vacant lots repurposed
occupied structures in floodplain
linear feet of streams restored
acres of wetlands created
\$ estimated flood loss avoidance
of linear feet of trails constructed
of greenspace users
\$ Funds allocated for water-quality improvements
\$ Funds allocated for water management/flood mitigation improvements
% reduction of watershed nitrate loading
of Elevated Structures
of Linear Feet of Water Lines
of Linear Feet of Sewer Lines
of Linear miles of Public Improvement



of Linear feet of Public Improvement

of Non-business Organizations benefitting

of public facilities

5

of buildings (non-residential)

Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
Puerto Rico Department of Housing	State Agency	\$ 12,500,000.00

Location Description:

Activity Description:

COMMUNITY INSTALLATIONS. Max Award: \$2,000,000. Community installations of energy production and storage, water catchment systems, and sanitary sewer system solutions may be offered to complement home-based improvements or reduce household barriers to mitigation. Community-based systems may include individual household renewable energy systems that are installed as part of a collective. Community installations may include larger kilowatt, bimodal systems that can support health, lighting, communication, and other backup energy needs of area residents. Community-based systems may also include public microgrids. Community-based water security interventions may be introduced, similarly, where a greater community need may be met, where more localized interventions are less feasible or cost-efficient, and in particular where the community is not part of the Island-wide water supply system (e.g., non-PRASA communities). For both energy and water resilience efforts, these installations may be introduced in areas where housing typologies or existing structures cannot accommodate solar panels or water systems, or where a larger scale typology is more cost-efficient to serve the community.

Entities eligible to apply to this Program include:

*Units of general local government/ Local and Municipal Governments (including departments and divisions).

*Community-Based Development Organizations and private not-for-profits.

*Non-governmental organization (501 (c)(3)) or Not for Profit Entities.

All applicants are encouraged to demonstrate community support for proposed projects. This may include: documentation of consultation with the local municipality (ies) in which the project area and persons of benefit reside, letter(s) of support from community organizations or leaders representing the project area and persons of benefit, or through instruments such as formalized consortia or executed memoranda of agreement (MOA).

Community applicants will be required to submit a long-term operations and maintenance plan that addresses the operations and maintenance costs of the energy and/or water and wastewater infrastructure improved. All applicants are required to submit a long-term operations and maintenance plan and must identify reasonable milestones for any plan that will be reliant on proposed changes to existing taxation policies or tax collection practices.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes

Disaster Type: Hurricane

Activity Supporting Documents: None



Grantee Activity Number: MITM11CEWDOHHILM

Activity Title: Energy/Water Installations Home Improvement LMI

Activity Type:

MIT - Rehabilitation/reconstruction of residential structures

Project Number:

Multi-Sector MIT B-18-DP-72-0002

Projected Start Date:

10/17/2021

Project Draw Block by HUD:

Not Blocked

Activity Draw Block by HUD:

Not Blocked

Block Drawdown By Grantee:

Not Blocked

National Objective:

Low/Mod: Benefit to low- and moderate-income persons/families

Benefit Report Type:

NA

Activity Status:

Under Way

Project Title:

Multi-Sector MIT B-18-DP-72-0002

Projected End Date:

04/18/2033

Project Draw Block Date by HUD:

05/13/2033 by Steven Edwards

Activity Draw Block Date by HUD:

\$ 350,000,000.00

Most Impacted and Distressed Budget: \$ 350,000,000.00

Total Funds: \$ 350,000,000.00

Ancillary Activities

None

Proposed Accomplishments

Total

of Targeted Section 3 Labor Hours

of Section 3 Labor Hours

of Total Labor Hours

of properties with access above 100-yr flood level

% reduction in energy costs

of residents protected from future flooding

of properties protected from future flooding

affordable housing units

\$ estimated flood loss avoidance

of public housing residents provided new housing

of homes retrofitted with resiliency measures

10000

\$ Median property value of homes retrofitted with resiliency measures

of Elevated Structures



of Substantially Rehabilitated Units

ELI Households (0-30% AMI)

#Units deconstructed

of Properties

Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
Puerto Rico Department of Housing	State Agency	\$ 350,000,000.00

Location Description:

Municipalities throughout the island.

Activity Description:

HOME ENERGY RESILIENCE IMPROVEMENTS. Max Award: \$30,000. Homes unprepared for the natural threats on the power grid were left vulnerable in the aftermath of Hurricanes Irma and María. Rebuilding to protect federal investment and to sustain recovery efforts requires resilient design and improvements that incorporate modern technology for life-sustaining purposes during off-grid events. Energy resilience efforts may include conducting a home energy evaluation and the promotion of energy efficiency and stability. Resilient design and improvements include things such as the installation of photovoltaic systems, solar generators, and battery storage at capacities aligned with household needs, including the consideration of critical medical needs. Eligible applicants to this Program must own or have a proprietary interest in the a single-family home structure and it must be their primary residence. Assistance will be provided directly to property owners as the eligible applicant. Households must also be below eighty percent (80%) AMFI. PRDOH will further target the most vulnerable within the LMI population, starting with very low-income households. As "HUD regulations and guidance for CDBG generally do not define vulnerable populations, and definitions may vary", PRDOH has identified income as a key vulnerability indicator based on historical data from CDBG-DR R3 Program applicants. Very low-income applicants made up 86% of total applications and within that group, 56% were elderly residents. Furthermore, income is directly related to a household's ability to address high-risk energy security due to the high cost of systems. Applicants will be evaluated on a rolling basis to facilitate steady flow of assistance to eligible households. Within each round of applicant evaluations, priority will be given to households with high-risk energy security need. The Program will implement rounds for up to 30% AMFI, up to 50% AMFI, and up to 80% AMFI.

Environmental Assessment: UNDERWAY

Environmental Reviews: None

Activity Attributes

Disaster Type: Hurricane

Activity Supporting Documents: None

Project # / Planning MIT B-18-DP-72-0002 / Planning MIT B-18-DP-72-0002



Grantee Activity Number: MITP01RAD-DOH-NA

Activity Title: Risk and Asset Data Collection Program

Activity Type:

MIT - Planning and Capacity Building

Project Number:

Planning MIT B-18-DP-72-0002

Projected Start Date:

04/19/2021

Project Draw Block by HUD:

Not Blocked

Activity Draw Block by HUD:

Not Blocked

Block Drawdown By Grantee:

Not Blocked

National Objective:

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

Benefit Report Type:

Area Benefit (Census)

Activity Status:

Under Way

Project Title:

Planning MIT B-18-DP-72-0002

Projected End Date:

04/18/2033

Project Draw Block Date by HUD:

05/13/2033 by Steven Edwards

Activity Draw Block Date by HUD:

05/13/2033 by Steven Edwards

\$ 130,000,000.00

Most Impacted and

Distressed Budget: \$ 130,000,000.00

Total Funds:

\$ 130,000,000.00

Ancillary Activities

None

Proposed Accomplishments

- # of revised zoning codes incorporating resiliency adopted
- % of survey respondents with an increased understanding of flood risks and
- # of Stormwater Management Zoning Ordinances adopted
- # of Hazard Mitigation Plans prepared
- # of floodplain design standards updated
- # of resilience planning recommendations implemented
- # of public education meetings
- # of acres with improved multiple hazard risk mapping
- # of planning studies and initiatives completed
- # of persons at resilience meetings
- # of local laws passed
- # of entities at resilience meetings
- # of ecological actions identified
- # of plans adopted

Total



- # of resilience plans created
- # jurisdictions with enacted resiliency plans/ordinances
- # of climate action plans completed
- # of water management/flood plans completed
- # of water management/flood maps updated
- # of mitigation plans completed
- # of legislative actions taken to improve resiliency
- # of infrastructure design standards updated
- # of energy plans completed
- # of disaster recovery plans completed
- # of communities with standards exceeding NFIP
- # of community engagement meetings/events
- # of Plans or Planning Products 3
- # of Non-business Organizations benefitting

LMI%:

Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
Puerto Rico Department of Housing	State Agency	\$ 130,000,000.00

Location Description:

Municipalities throughout the island.

Activity Description:

The Risk and Asset Data (RAD) Collection Program will build on the foundation of the spatial data infrastructure created under the GeoFrame Program. This program will produce layers of hazard, asset, and risk data intended to complement the cadastral and land use data produced under the GeoFrame Program. It is intended to enhance the ability of citizens, private sector business and industry, mayors, governors and other leaders to make data-driven decisions that are rooted in an up-to-date comprehensive understanding of hazards, risks, and assets on the Island.

This Program encourages a common understanding of how mitigation investments reduce risks to people, homes, neighborhoods, cultural and historic resources, ecosystems, and lifelines. HUD encourages grantees in 84 FR 45838, 45849 to use CDBG-MIT funds to upgrade mapping, data, and other capabilities to better understand evolving potential disaster risk.

Environmental Assessment: EXEMPT

Environmental Reviews: None

Activity Attributes

Disaster Type: Hurricane

Activity Supporting Documents: None



Grantee Activity Number: MITP02MAP-DOH-NA

Activity Title: Mitigation and Adaptation Policy Support Program

Activity Type:

MIT - Planning and Capacity Building

Project Number:

Planning MIT B-18-DP-72-0002

Projected Start Date:

04/19/2021

Project Draw Block by HUD:

Not Blocked

Activity Draw Block by HUD:

Not Blocked

Block Drawdown By Grantee:

Not Blocked

National Objective:

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

Benefit Report Type:

Area Benefit (Census)

Ancillary Activities

None

Proposed Accomplishments

- # of revised zoning codes incorporating resiliency adopted
- % of survey respondents with an increased understanding of flood risks and
- # of Stormwater Management Zoning Ordinances adopted
- # of Hazard Mitigation Plans prepared
- # of floodplain design standards updated
- # of resilience planning recommendations implemented
- # of public education meetings
- # of acres with improved multiple hazard risk mapping
- # of planning studies and initiatives completed
- # of persons at resilience meetings
- # of local laws passed
- # of entities at resilience meetings
- # of ecological actions identified

Activity Status:

Under Way

Project Title:

Planning MIT B-18-DP-72-0002

Projected End Date:

04/18/2033

Project Draw Block Date by HUD:

05/13/2033 by Steven Edwards

Activity Draw Block Date by HUD:

05/13/2033 by Steven Edwards

\$ 10,000,000.00

Most Impacted and

Distressed Budget: \$ 10,000,000.00

Total Funds:

\$ 10,000,000.00

Total



# of plans adopted	
# of resilience plans created	
# jurisdictions with enacted resiliency plans/ordinances	
# of climate action plans completed	
# of water management/flood plans completed	
# of water management/flood maps updated	
# of mitigation plans completed	
# of legislative actions taken to improve resiliency	
# of infrastructure design standards updated	
# of energy plans completed	
# of disaster recovery plans completed	
# of communities with standards exceeding NFIP	
# of community engagement meetings/events	
# of Plans or Planning Products	151
# of Non-business Organizations benefitting	

LMI%:

Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
Puerto Rico Department of Housing	State Agency	\$ 10,000,000.00

Location Description:

Municipalities throughout the island.

Activity Description:

The Mitigation and Adaptation Policy Support Program builds on information related to policy needs across the Island collected through the stakeholder engagement process for this Action Plan, the Disaster Recovery Planning Programs, including the MRP Program, WCRP Program, and the GeoFrame Program. It shall also utilize, as it becomes available, the information collected under the CDBG-MIT Planning and Capacity Building and RAD Collection Programs.

Adaptation and policy support refer to the use of policy, building code, land use plans, zoning, and planning and capacity building interventions to enhance local jurisdictional and community ability to prepare and plan for, avoid, absorb, recover from, and more successfully adapt to potential risk from hazardous events. The evaluation of social structures, such as policy and governance of development in Puerto Rico, shall be based on the geographically based Risk Assessment completed and made available to the public, which yields an increased understanding of risk to integrate and align local, state, and federal policies that impact mitigation and long-term resilience in Puerto Rico.

The Mitigation and Adaptation Policy Support Program will further the policy-related goals identified by HUD in 84 FR 45838. The Federal Register seeks to support the adoption of policies that reflect municipal and regional priorities that will have long-lasting effects on community risk reduction and lessen the cost of future disasters. The Federal Register also encourages grantees to use CDBG-MIT funds to improve many of their governmental functions to better position jurisdictions to be more resilient in the face of future disasters.

A comprehensive policy analysis shall consider multi-hazard mitigation policy changes to create a policy framework that increases the adaptive capacity of local jurisdictions and neighborhoods including but not limited to:

- Limiting and preventing development in high hazard areas such as: using conservation easements to protect environmentally significant portions of parcels from development; acquiring hazardous areas for conservation or restoration as a functional public park or natural mitigation asset; and/or acquiring safe sites for public facilities (e.g., schools, police/fire stations, etc.).
- Adopting development regulations in hazard areas such as: requiring setbacks from hazardous areas such as shorelines, steep slopes, or wetlands; requiring conditional or special use permits for the development of known



hazard areas; adopting impervious cover limits; offering expanded development rights to developers/businesses for performing mitigation retrofits; and/or incorporating restrictive covenants on properties located in known hazard areas.

- Limiting density of development in high hazard areas such as: increasing minimum lot size for development; designating agricultural use districts; ensuring zoning ordinance encourages higher density outside of high risk areas; requiring clustering for planned unit developments in the zoning ordinance to reduce densities in known hazard areas; establishing a local transfer of development rights (TDR) program for risk in known hazard areas; and/or establishing a process to reduce densities in damaged areas following a disaster event.
- Strengthening land use regulations to reduce hazard risk through activities such as: using bonus/incentive zoning to encourage mitigation measures for private land development; using conditional use zoning to require mitigation measures for private land development; establishing a process to use overlay zones to require mitigation techniques in high-hazard districts; adopting a post-disaster recovery ordinance based on a plan to regulate repair activity; adopting environmental review standards; and/or incorporating proper species selection, planting, and maintenance practices into landscape ordinances.
- Supporting local adoption and enforcement of building code and inspections to help ensure buildings can adequately withstand damage during hazard events such as: adopting locally the requirements of Puerto Rico Codes 2018270 standards and appropriate International Residential Code (IRC); incorporating higher standards for hazard resistance in the local application of the building code; considering the orientation of new development during design (e.g., subdivisions, buildings, infrastructure, etc.); establishing moratorium procedures to guide the suspension of post-disaster reconstruction permits; and/or establishing “value-added” incentives for hazard-resistant construction practices beyond code requirements.
- Creating local funding mechanisms to leverage resources through measures such as: establishing a local reserve fund for public mitigation measures; using impact fees to help fund public hazard mitigation projects related to land development (e.g., increased runoff); requiring a development impact tax on new construction to mitigate the impacts of that development; recruiting local financial institutions to participate in “good neighbor” lending for private mitigation practices; and/or providing a local match to federal funds that can pay for private mitigation practices.
- Utilize incentives and disincentives to promote hazard mitigation through measures such as: using special tax assessments to discourage builders from constructing in hazardous areas; using insurance incentives and disincentives; providing tax incentives for the development of low-risk hazard parcels and to encourage infill development; waiving permitting fees for home construction projects related to mitigation; using tax abatements, public subsidies, and other incentives to encourage private mitigation practices; and/or reducing or deferring the tax burden for undeveloped hazard areas facing development pressure.

Environmental Assessment: EXEMPT

Environmental Reviews: None

Activity Attributes

Disaster Type: Hurricane

Activity Supporting Documents: None



Grantee Activity Number: MITP03PCB-DOH-NA

Activity Title: Planning and Capacity Building Program

Activity Type:

MIT - Planning and Capacity Building

Project Number:

Planning MIT B-18-DP-72-0002

Projected Start Date:

04/19/2021

Project Draw Block by HUD:

Not Blocked

Activity Draw Block by HUD:

Not Blocked

Block Drawdown By Grantee:

Not Blocked

National Objective:

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

Benefit Report Type:

Area Benefit (Census)

Activity Status:

Under Way

Project Title:

Planning MIT B-18-DP-72-0002

Projected End Date:

04/18/2033

Project Draw Block Date by HUD:

05/13/2033 by Steven Edwards

Activity Draw Block Date by HUD:

05/13/2033 by Steven Edwards

\$ 10,000,000.00

Most Impacted and

Distressed Budget: \$ 10,000,000.00

Total Funds:

\$ 10,000,000.00

Ancillary Activities

None

Proposed Accomplishments

- # of revised zoning codes incorporating resiliency adopted
- % of survey respondents with an increased understanding of flood risks and
- # of Stormwater Management Zoning Ordinances adopted
- # of Hazard Mitigation Plans prepared
- # of floodplain design standards updated
- # of resilience planning recommendations implemented
- # of public education meetings
- # of acres with improved multiple hazard risk mapping
- # of planning studies and initiatives completed
- # of persons at resilience meetings
- # of local laws passed
- # of entities at resilience meetings
- # of ecological actions identified
- # of plans adopted

Total



- # of resilience plans created
- # jurisdictions with enacted resiliency plans/ordinances
- # of climate action plans completed
- # of water management/flood plans completed
- # of water management/flood maps updated
- # of mitigation plans completed
- # of legislative actions taken to improve resiliency
- # of infrastructure design standards updated
- # of energy plans completed
- # of disaster recovery plans completed
- # of communities with standards exceeding NFIP
- # of community engagement meetings/events
- # of Plans or Planning Products 151
- # of Non-business Organizations benefitting

LMI%:	45.71
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Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
Puerto Rico Department of Housing	State Agency	\$ 10,000,000.00

Location Description:

Municipalities throughout the island.

Activity Description:

The Planning and Capacity Building Program will build on information and progress made through the CDBG-DR Planning Programs including the MRP Program, WCRP Program, and the GeoFrame Program. It will also utilize, as it becomes available, information collected under the CDBG-MIT RAD Collection Program. Finally, the program will continue and expand on stakeholder engagement to develop and implement a regional approach to planning, permitting, and enforcement that supports risk identification and mitigation. The Planning and Capacity Building Program is intended to strengthen the capacity of state agencies, municipalities, NGOs and existing regional partnerships by assisting in the formation and/or strengthening and formalizing existing, regional consortia to conduct mitigation enhancing activities. These activities will range from narrow to broad. Some activities may include mitigation planning, green infrastructure education programs, emergency management training and demonstrations for building code compliance. Additional activities may include broad-based mandates such as furthering regional economic development planning, promoting safe and affordable housing, and assisting in access to private, state, and federal funding for activities that benefit the lifeline sectors, among others.

HUD emphasizes capacity building in 84 FR 45838 for multiple levels of government and the benefits of regional (multi-jurisdictional) planning and cooperation as a means for increasing capacity. The Planning and Capacity Building Program seeks to further those goals by supporting regional and multi-jurisdictional approaches to planning that enhances assessment and mitigation of risk.

Environmental Assessment: EXEMPT

Environmental Reviews: None

Activity Attributes

Disaster Type: Hurricane



Environmental Reviews: None

Activity Supporting Documents: None

Project # / State Planning MIT B-18-DP-72-0002 / State Planning MIT B-18-



Grantee Activity Number: MITP13POP-DOH-NA

Activity Title: Planning Oversight

Activity Type:

MIT - Planning and Capacity Building

Project Number:

State Planning MIT B-18-DP-72-0002

Projected Start Date:

04/19/2021

Project Draw Block by HUD:

Not Blocked

Activity Draw Block by HUD:

Not Blocked

Block Drawdown By Grantee:

Not Blocked

National Objective:

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

Benefit Report Type:

Area Benefit (Census)

Ancillary Activities

None

LMI%:

Proposed budgets for organizations carrying out Activity:

Responsible Organization

Puerto Rico Department of Housing

Organization Type

State Agency

Proposed Budget

\$ 24,855,852.00

Location Description:

Municipalities throughout the island.

Activity Description:

Through the Planning and Capacity Building Program, PRDOH will work directly with applicant entities to create formalized regional consortia or strengthen existing entities that provide increased development capacity on a multi-jurisdictional basis. The program will offer technical assistance by partnering with federal agencies, national associations and other organizations to provide educational and capacity building support services. This increase in capacity will benefit state agencies, municipalities, NGOs, planning and development organizations, and other public-serving entities and organizations in the evaluation and support of partnerships to promote

Activity Status:

Under Way

Project Title:

State Planning MIT B-18-DP-72-0002

Projected End Date:

04/18/2033

Project Draw Block Date by HUD:

05/13/2033 by Steven Edwards

Activity Draw Block Date by HUD:

05/13/2033 by Steven Edwards

\$ 24,855,852.00

Most Impacted and

Distressed Budget:

\$ 24,855,852.00

Total Funds:

\$ 24,855,852.00



mitigation.

Activities of regional cooperation that promote mitigation by strengthening lifelines can include, but are not limited to:

- *Disaster and Mitigation Planning
- *Economic and Community Development activities
- *Housing
- *Natural Resource Conservation and Protection
- *Materials Management
- *Watershed Management
- *Transportation and Transit
- *Social Services

According to the Lincoln Institute of Land Policy, regionalism “generally refers to ways of thinking and acting at the regional scale. As one example, the National Association of Development Organizations (NADO) states, “(N)atural disasters do not obey local jurisdictional boundaries. [...] (R)egional hazard mitigation planning activities offer the benefit of pooling regional resources and developing a more integrated regional approach to disaster planning across jurisdictional lines.

Further, the benefits of regionalism can extend far beyond disaster planning and encompass a variety of other activities that contribute to an area’s greater natural, economic, and social resilience. Again, according to NADO, such regional benefit can be achieved through the formal development of regional consortia, commonly known as Regional Development Organizations (RDO). “Known locally as councils of governments, regional planning commissions, economic development districts, and other names, RDOs provide various types of support to their member communities in a host of service areas. RDOs can open the door to grant and loan funding, provide administrative support, and supply valuable staff support and access to technology. For rural places, in particular, they can play a critical role in towns that may have limited capacity and resources.”

Environmental Assessment:

Environmental Reviews: None

Activity Attributes

Disaster Type: Hurricane

Activity Supporting Documents: None

Action Plan History

	Date
B-18-DP-72-0002 AP#4	12/02/2022
B-18-DP-72-0002 AP#3	06/03/2022
B-18-DP-72-0002 AP#2	12/29/2021
B-18-DP-72-0002 AP#1	06/17/2021

