

# CNMI 404 Hazard Mitigation Grant Program



## Citizen Centric Report FY2020

## ABOUT 404 HMGP

Adopted under US Public Law 93-288, Section 404, the Commonwealth of the Northern Mariana Islands (CNMI) utilizes two of the three Hazard Mitigation Assistance grant programs under the Federal Emergency Management Agency (FEMA):

- 404 Hazard Mitigation Grant Program (HMGP)
- Pre-Disaster Mitigation Program (PDM),
  - The new Building Resilient Infrastructure and Communities (BRIC) Program is set to replace the PDM Program

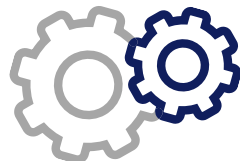
Following a major disaster declaration, HMGP continues its services based on the 36 month period of performance (POP). On the other hand, PDM/BRIC grants are funded annually by US Congressional appropriations. In conjunction of both programs, the overall goal is to reduce risk to the population and structures from future hazard events.

404 HMGP is actively funding the following typhoon disaster designated numbers established by FEMA:

- DR 4235 – Typhoon Soudelor (Declared August 5th, 2015)
- DR 4396 – Typhoon Mangkhut (Declared September 29, 2018)
- DR 4404 – Super Typhoon Yutu (Declared October 26, 2018)

HMGP will continue to implement approved mitigation projects under DR- 4235, 4396, and 4404 to break the cycle of disaster damage, reconstruction, and repeated damage while raising public awareness about reducing future losses before disaster strikes.

## PURPOSE



The purpose of HMGP is to assist states, territories, federally-recognized tribes, and local communities by significantly reducing or permanently eliminating future risk to lives and property from natural hazards, providing funds to implement projects in accordance with priorities identified in the hazard mitigation plan, and enabling mitigation measures to be implemented during the recovery following a major disaster declaration.

## MEET OUR TEAM



**Governor's Authorized Representative**  
Virginia C. Villagomez

**State Hazard Mitigation Officer**  
Elizabeth Balajadia

**Senior Technical Financial Analyst**  
Leona Deleon Guerrero

**Project Specialist**  
Carlos Deleon Guerrero

**Technical Financial Analyst**  
Tiana Reyes

# Projects and Progress

Every \$1 spent on mitigation saves \$6 on future damages.

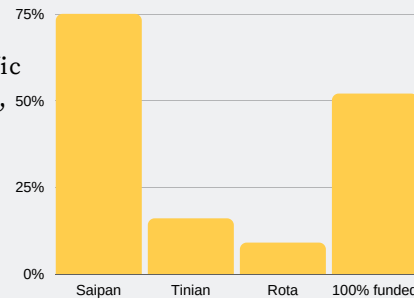
The following projects include DR 4235, 4396, 4404, and PDM FY '17, '18, '19.

## CUC Water System Mitigation Project (DR-4235)

- HMGP contracted **Hofschneider Engineering Corporation (HEC)** to perform **Construction Management Services** for the CUC Water System Mitigation Project.
- HMGP contracted **Hong Ye Construction Ltd.** to perform the **supply, delivery, and installation of generator sets on 10 identified sites in Saipan.** This work consists of architectural, civil/structural, mechanical and electrical works that shall be completed within 240 days.
- HMGP intends to contract **Primtek Construction** to perform work for **Site 5-As Matuis, Saipan** (the 11th site) under the **CUC Water System Mitigation Project.** This work will consist of civil, architectural and structural, electrical, and mechanical works for this specific site's generator and generator house, and shall be completed within 180 days.

## Advanced Assistance (DR-4404)

Through competitive solicitation, contracts were awarded to GHD, Inc., Pacific Engineering Group Services, and Helios Energy Group, Inc. selected under RFP19-Gov-088 to assess, identify, and develop mitigation opportunities for the CNMI.



### 63 Total Project Applications Submitted

- **33 Prioritized Projects** are 100% federally funded
- **1 Awarded** (Advanced Assistance)
- All 63 projects have undergone **Smart, Safe Growth review**

The bar chart above shows the % of projects in each municipality & the % of projects that are 100% federally funded.

## Kannat Tabla Flood Control & Drainage Project (DR-4235)

- The Department of Public Works (DPW) is the Sub-recipient and Contracting Officer for this project, and HMGP assists DPW through the project.
- DPW contracted **USA Fanter Corporation Ltd.** to perform construction for the Kannat Tabla Flood Control & Drainage Project.
- On November 26, 2019, FEMA issued a "Stop Work" for this project until DPW acquires an archaeologist onsite. **Applied Archaeology** firm was selected under DPW20-RFP-006 for Archaeological Services and is currently ongoing.

## PDM FY 2017, 2018, 2019

PDM 2017			
Project	Agency	Municipality	Status
The Supply & Installation of Storm Shutters for Various CNMI Agencies	DPS, DOL, Multi-Purpose Center	Saipan	In the Bid Review Process (ITB20-GOV-17)
Tinian Storm Shutter Project for the Aging and Youth Center	DCCA	Tinian	Awarded
Rota Health Center - Exterior Hardening	CHC	Rota	Awarded
Tinian Health Center Storm Readiness Project	CHC	Tinian	Awarded
Sadog Tasi Wasterwater Facility Storm Shutter Project	CUC	Saipan	Awarded

PDM 2018			
Project	Agency	Municipality	Status
NMHC Storm Mitigation Project	NMHC	Saipan	Awarded
Saipan Aging Center Storm Readiness Project	Office of the Governor	Saipan	Awarded

### PDM - Fiscal Year 2019

- PDM2019 will focus on updating the 2020 CNMI Standard State Hazard Mitigation Plan

## Projects on Rota (DR-4396)

DR-4396 Projects			
Project	Agency	Municipality	Status
Replacement of Typhoon Shutters at the Rota Aircraft Rescue and Fire Fighting Facility (ARFF)	CPA	Rota	Project Submitted for FEMA Review
DCCA/DYS Services Sinapalo Youth Center	DCCA/DYS	Rota	Project Submitted for FEMA Review
Rota DFEMS Back-up Generator Fire Station No. 8	DFEMS	Rota	Project Submitted for FEMA Review
Installation of Typhoon Shutters at the Tinian International Airport	CPA	Saipan	Project Submitted for FEMA Review

## DR 4404 PROJECTS 63 TOTAL PROJECTS UNDER ADVANCED ASSISTANCE



## TIMELINES

## DR 4235 PROJECTS KANNAT TABLA DRAINAGE PROJECT & CUC WATER SYSTEM MITIGATION PROJECT



## WHAT'S NEW?

### Building Resilient Infrastructure and Communities (BRIC) Program

- BRIC Program will support communities through capability and capacity-building, encourage innovation, enable partnerships, and provide flexibility & consistency
- Focuses more on lifeline and infrastructure projects, considers building codes for better infrastructure, and adopts a new streamline process: FEMA GO

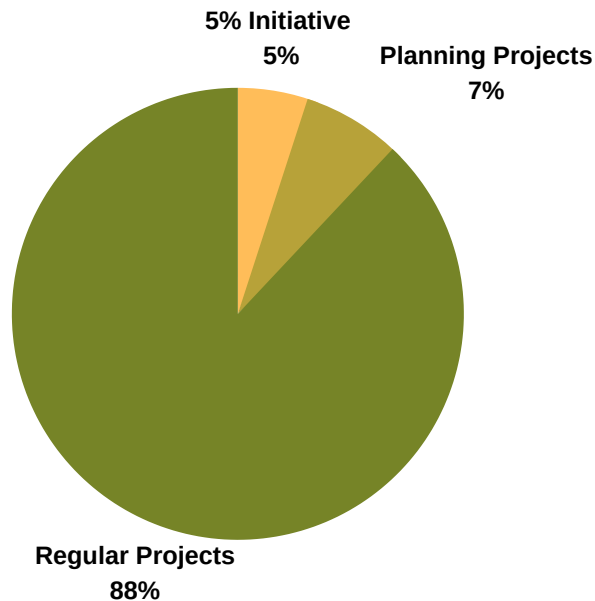
### Smart, Safe Growth (SSG)

- Set of development strategies that aims to ensure the growth of infrastructure and communities that are resilient to natural disasters
- Made up of 3 key areas: Hazard Mitigation, climate impact adaptation, and smart growth
- Governed by 12 principles, including retrofitting and ecosystem services
- HMGP assesses each project to ensure that it complies with SSG outcomes through the use of the SSG Matrix



# Allocation of Funds

Every \$1 spent on mitigation saves \$6 on future damages.



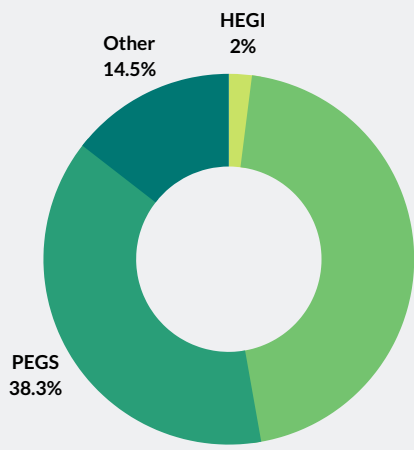
Each typhoon designated number allocates funding amount by:

- 5% Initiative Projects
  - Projects that fall under this category must be for a critical facility, and it does not require a 1.0 or > BCA
- 7% Planning Projects
- 88% Regular Projects

Additionally, cost allocations require a non-federal cost share of 75/25 (federal/local).

## DR 4404

33 prioritized projects of the 63 projects under DR 4404 are 100% federally funded. The remaining have a cost share of 90%/10% (federal/local)

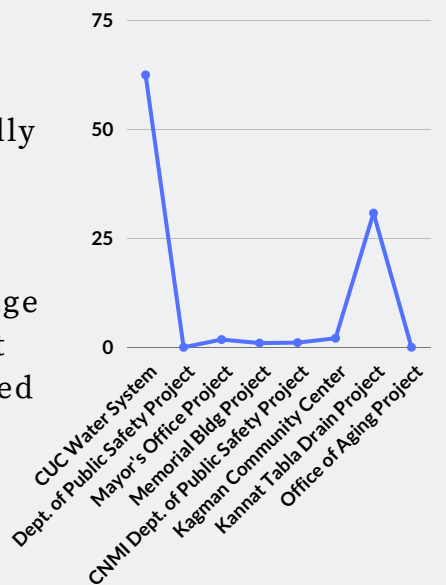


## DR 4396

DR 4396 is 75% federally funded and 25% locally funded.

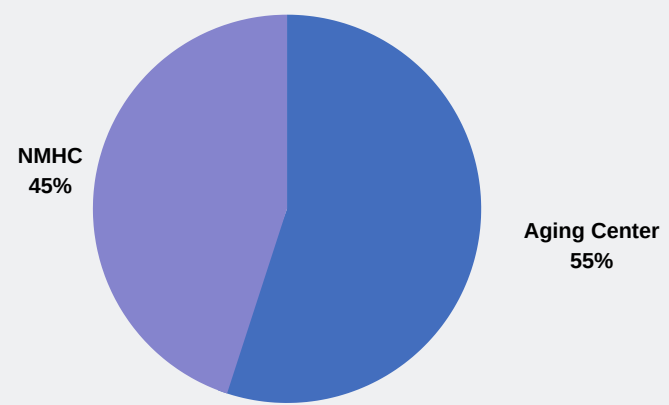
## DR 4235

DR 4235 is 100% federally funded. The chart to the right shows the percentage of funds that were allocated to each project.



63 Submitted Project Applications estimating at a cost of \$2.2M under DR 4404 and DR 4396 have been issued and divided between GHD, PEGS, HEGI, and other under Advance Assistance. (% comes from actual amounts)

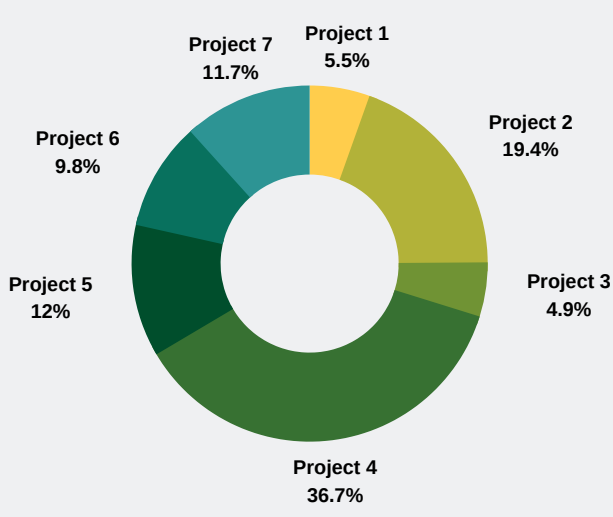
## PDM FY 18



Projects under PDM FY18 are 100% federally funded and awarded.

## PDM FY 17

Projects under PDM FY17 are 100% federally funded. Three projects take place in Saipan, three projects in Tinian, and one project in Rota. All projects have been awarded.



\*See projects on page 2\*

# Future Challenges and Next Steps...

Every \$1 spent on mitigation  
saves \$6 on future damages.

Raise Awareness  
Reduce Future Damage

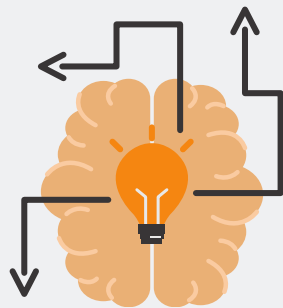
## Future Challenges

"Recent catastrophic typhoon events that have destroyed the CNMI culminates on the need to proactively implement hazard mitigation actions that will build resiliency and sustainability against future typhoons and other natural and man-made hazards. Climate change is abruptly altering global weather patterns of extreme cold, extreme heat, drought, more frequent and intense storm events, flooding, coastal inundation, and sea level rise. Other natural hazards include volcanic eruptions and frequent earthquakes as the CNMI islands sit atop the Marianas Ridge along the Marianas Trench within the Pacific Ring of Fire, a seismically active region of the world."

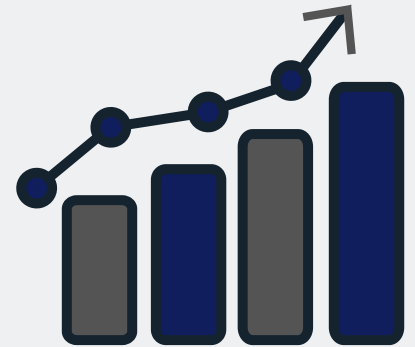
Arnold I. Palacios  
Lieutenant Governor

**Nature is unpredictable,  
therefore it is important to be  
proactive.**

Hazard Mitigation and PDM/BRIC Program will continue its efforts to aim for the most sustainable outcomes as a result of implementing SSG reviews in all projects, and will assist in raising awareness of the benefits of mitigation and reducing future damage.



## Next Steps



- Await FEMA approval, Environmental and Historical Preservation approval, and grant awards up to \$80M for all 63 submitted project applications under Advance Assistance.
- Complete all Hazard Mitigation and Pre-Disaster Mitigation awarded projects within the period of performance.
- Manage all projects from "cradle to grave" and ensure efficiency and completion.
- Implement the Building Resilient Infrastructure and Communities (BRIC) Program
- Continue to implement Smart, Safe Growth into all future projects