

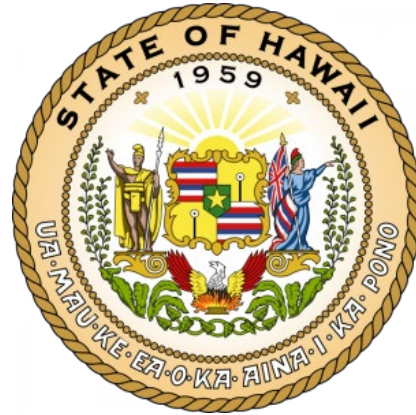


HAZARD MITIGATION GRANTS

HI FM Conference – NOVEMBER 8, 2024



INTRODUCTION



Aloha!!

HAZARD MITIGATION ASSISTANCE GRANTS

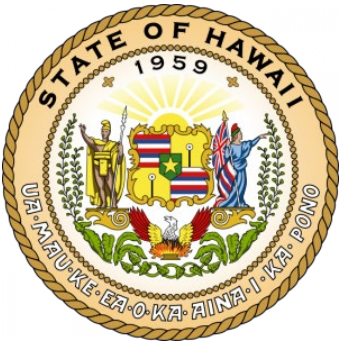


DISASTER RELATED

- Hazard Mitigation Grant Program (HMGP)
- Post Fire HMGP
- Flood Mitigation Assistance (FMA), Swift Current (Swift Current)

NON-DISASTER RELATED – COMPETITIVE/NATIONAL

- Building Resilient Infrastructure and Communities (BRIC)
- FMA





WHAT IS HAZARD MITIGATION?

Hazard Mitigation is any sustained action taken to reduce or eliminate the long-term risk to human life and property from hazards.

LOOKING FOR LONG-TERM SOLUTIONS!









WHY IS HAZARD MITIGATION IMPORTANT?

- ✓ Saves Lives
- ✓ Reduces Future Losses
- ✓ Minimizes Recovery Expenses
- ✓ Lowers Legal Risks
- ✓ Helps Ensure the Smooth Continuation of Society
- ✓ Generates Positive Political Support and Outcomes
- ✓ Maintains the Functioning of Critical Facilities (Hospitals, Police Stations, Fire Stations, etc.)



MITIGATION SAVES!



 National Institute of BUILDING SCIENCES™		ADOPT CODE	ABOVE CODE	BUILDING RETROFIT	LIFELINE RETROFIT	FEDERAL GRANTS
Overall Benefit-Cost Ratio		11:1	4:1	4:1	4:1	6:1
Cost (\$ billion)		\$1/year	\$4/year	\$520	\$0.6	\$27
Benefit (\$ billion)		\$13/year	\$16/year	\$2200	\$2.5	\$160
 Riverine Flood		6:1	5:1	6:1	8:1	7:1
 Hurricane Surge		not applicable	7:1	not applicable	not applicable	not applicable
 Wind		10:1	5:1	6:1	7:1	5:1
 Earthquake		12:1	4:1	13:1	3:1	3:1
 Wildland-Urban Interface Fire		not applicable	4:1	2:1	not applicable	3:1

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GRANTS AVAILABLE FOLLOWING A MAJOR DISASTER DECLARATION

PA MITIGATION

- ✓ Facility damaged from event
- ✓ In declaration area
- ✓ No private property
- ✓ Cannot be eligible under any other federal program

HMGP

- ✓ Damage from any natural event
- ✓ No location restrictions
- ✓ Private property eligible
- ✓ Project cannot be eligible under any other federal program





WHERE DOES PA MITIGATION OR HM WORK BEST?

Where Does PA Mitigation Work Best?

- ✓ Damaged critical infrastructure or public facilities that are vulnerable to future events

Where Does HMGP Work Best?

- ✓ Undamaged infrastructure or public facilities that are vulnerable to future events
- ✓ Innovative pilot projects
- ✓ Buyout of vulnerable private homes



Passaic Valley Sewerage Commission, NJ



GRANTS AVAILABLE FOLLOWING A MAJOR DISASTER DECLARATION

HMGP Post Fire

- ✓ Available after wildfire declarations
- ✓ Reduce the impact of future wildfires
 - Creating defensible space, improving wildfire evacuation plans, & community-wide wildfire risk reduction measures

Swift Current

- ✓ Available after flood declarations
- ✓ Reduce future flood losses to properties with “substantial damage”, repetitive losses or severe repetitive losses under the National Flood Insurance Program
 - Property acquisition with demolition, relocation, elevation



HAZARD MITIGATION GRANT PROGRAM (HMGP)

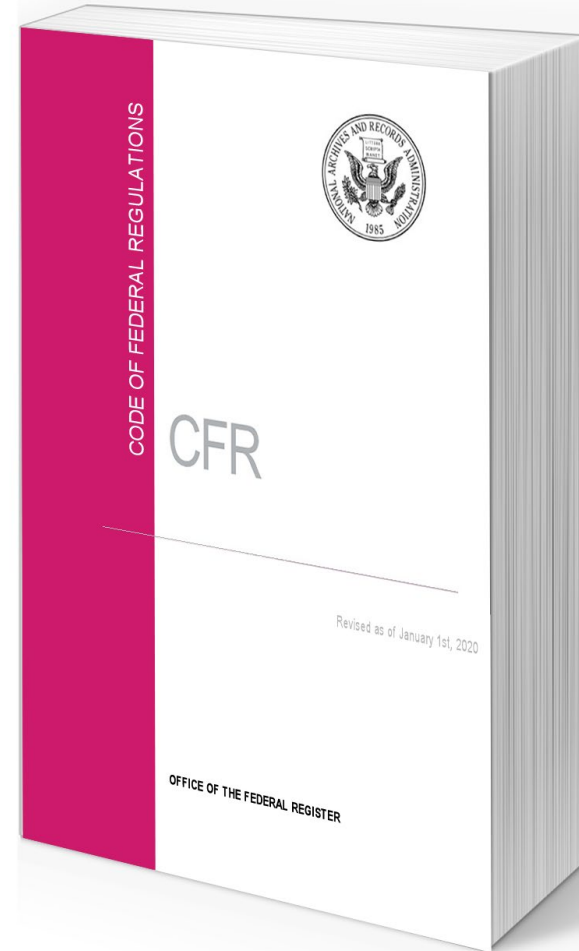
- ✓ Potential damage from any natural event, not just declared event
- ✓ Funds can be used Statewide
- ✓ Can be used on private property, if “sponsored” via an eligible subapplicant
- ✓ Project cannot be eligible under any other federal program



HAZARD MITIGATION GRANT PROGRAM (HMGP)

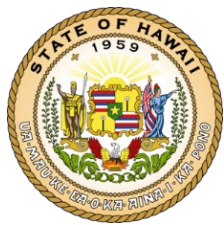
LAWS & REFERENCES

- ✓ Robert T. Stafford Act
- ✓ Code of Federal Regulations (CFR) Emergency Management Assistance
- ✓ 2000 Disaster Mitigation Act Hazard Mitigation Assistance (HMA) Guidance, 2023
- ✓ 2023 State of Hawai'i Standard Hazard Mitigation Plan
- ✓ State HMGP Administrative Plan



STATE OF HAWAI‘I 2023 HAZARD MITIGATION PLAN

State Standard Hazard Mitigation Plan
Effective SEPTEMBER 28, 2023, THROUGH
SEPTEMBER 27, 2028.



The State of Hawai'i sets its priorities for mitigation projects and lists and ranks them in the Standard Hazard Mitigation Plan.

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State of Hawai‘i
2023 Hazard
Mitigation Plan

August 2023



State of Hawai‘i
Emergency
Management
Agency (HI-EMA)



DIFFERENT HMGP PROJECTS TYPES

- ✓ **5%* State Initiative**
- ✓ **5%* Building Codes**
- ✓ **7%* Planning**
- ✓ **Advanced Assistance**
- ✓ **Regular Projects (also named Construction Projects)**

*Percentages based on total disaster funding available

Example: Disaster has \$100, up to 5%, or \$5 can be used for Initiative Projects or for Building Codes, Up to 7%, or \$7 can be used for Planning-related projects, etc.



5% (FIVE) PERCENT STATE INITIATIVE

Up to 5% of the total HMGP Funds may be allocated for the following purposes:

- ✓ Projects with challenging cost-effectiveness justification
- ✓ Typical Projects under this category:
 - Generators, notification & warning systems (sirens), stream gauges, mitigation GIS software/hardware, studies.



5% (FIVE) PERCENT CODES & STANDARDS

Allocations Up to 5% of the total HMGP Funds may be allocated for the following purposes:

- ✓ Stronger, more resilient building codes strengthen community lifelines, reduce community risk and reduce overall disaster recovery costs.



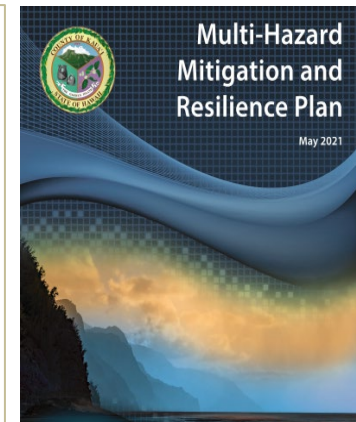
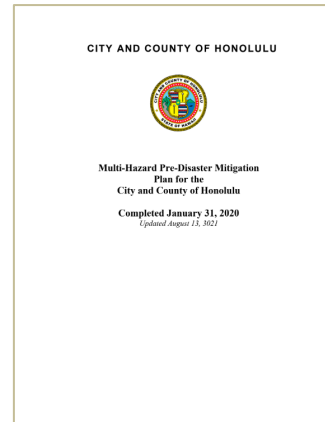
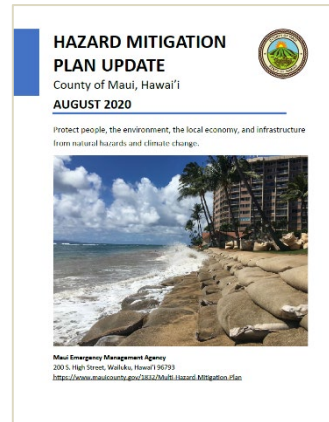
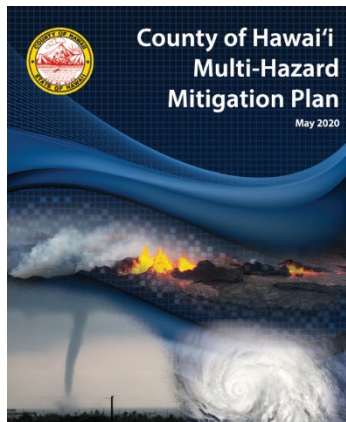
For example: Adopting and enforcing hazard-resistant building codes is one of the most cost-effective ways to safeguard communities against natural disasters.



7% (SEVEN) PLANNING FUNDS

Up to 7% of the total HMGP Funds may be allocated for the following purposes:

- ✓ Develop or update state mitigation plans
- ✓ Develop or update local government mitigation plans





ADVANCE ASSISTANCE (PROJECT SCOPING)

Up to \$10 million or 25% (whichever is less) of the total HMGP Funds may be allocated for the following purposes:

- ✓ Subapplication development
 - Hazard mitigation strategies
 - Cost-share strategies
 - Data gathering (including Environment and Historical Preservation)

REGULAR PROJECTS (CONSTRUCTION PROJECTS)

- ✓ Funding available for traditional brick and mortar construction projects.
- ✓ These projects can be Phased: Phase 1 - Scoping, Architect/Engineering, Phase 2 - Construction.

Examples: acquisition or relocation, wind retrofit, seismic retrofit.

Both Phase I and Phase II are intended to be completed within the award period of performance (POP).



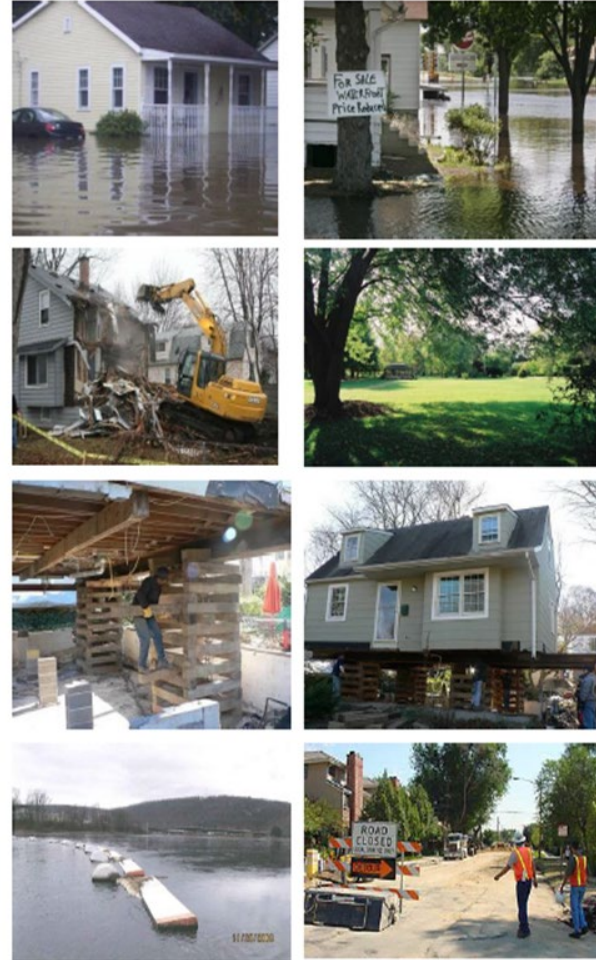
PHASED PROJECTS - CLARIFICATION

- Used when preliminary plan or concept is established.
 - **Phase 1** – develop cost estimates, final construction plans, other required analysis to determine eligibility.
 - Submit Phase 1 deliverables to FEMA for approval before Phase 2 can begin.
 - **Phase II Construction** – construction based on Phase 1 deliverables.
- * *Both Phase I and Phase II are intended to be completed within the award period of performance (POP).*



SOME HMGP ELIGIBLE PROJECT TYPES

- Property Acquisition and Structure Demolition
- Property Acquisition and Structure Relocation
- Structure Elevation
- Mitigation Reconstruction
- Dry Floodproofing of Historic Residential Structures
- Dry Floodproofing of Non-residential Structures
- Localized Flood Reduction Projects
- Structural Retrofitting of Existing Buildings
- Non-Structural Retrofitting of Existing Buildings & Facilities
- Infrastructure Retrofit
- Soil Stabilization
- Project Scoping – Individual Home and Community Flood



ELIGIBLE HMGP SUBAPPLICANTS

- ✓ **STATE AGENCIES**
- ✓ **LOCAL GOVERNMENTS**
- ✓ **CERTAIN PRIVATE NON-PROFIT AGENCIES
(PNP)**



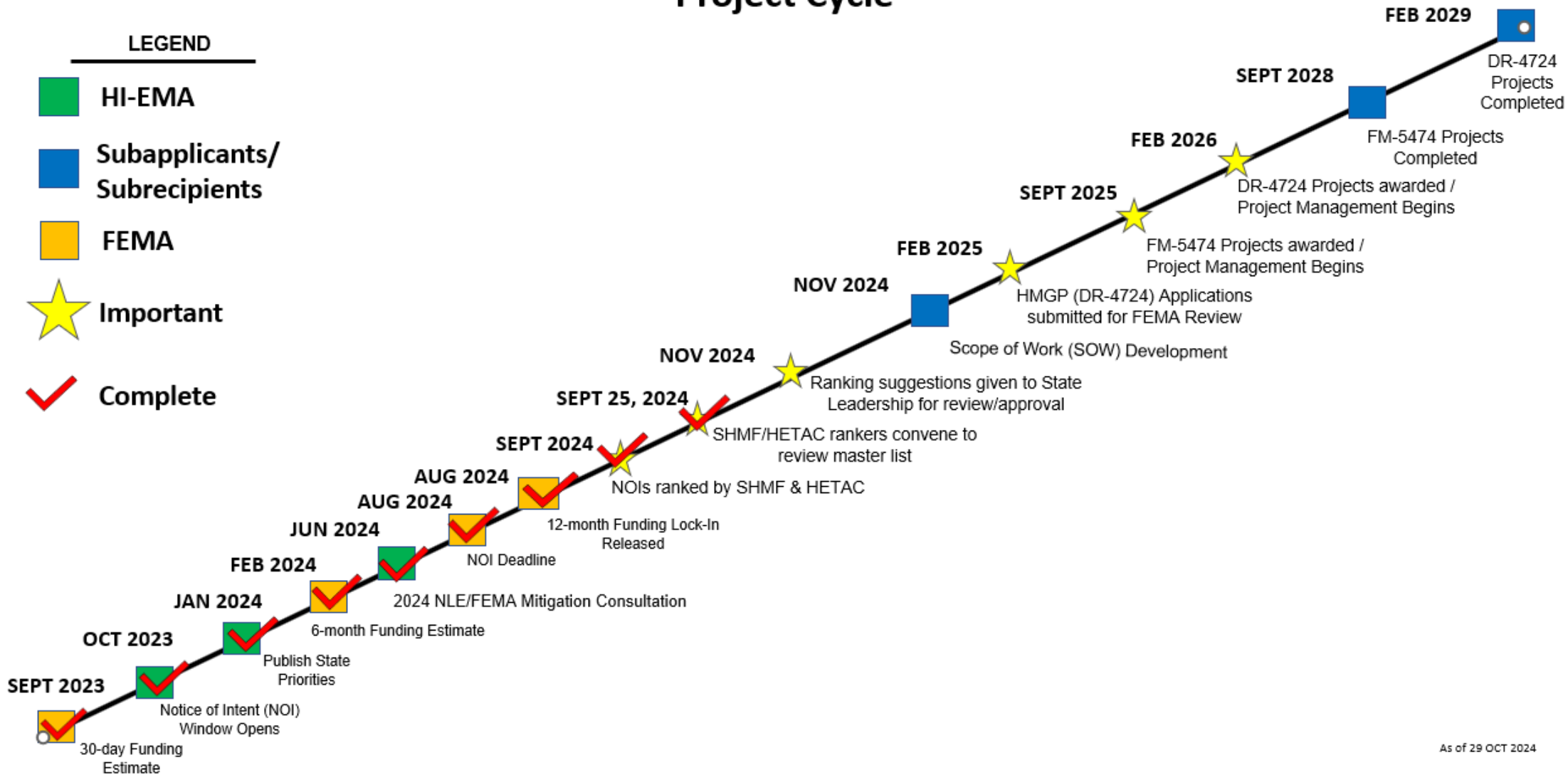


HI-EMA Hazard Mitigation Grant Program Project Cycle



LEGEND

- HI-EMA
- Subapplicants/
Subrecipients
- FEMA
- ★ Important
- ✓ Complete

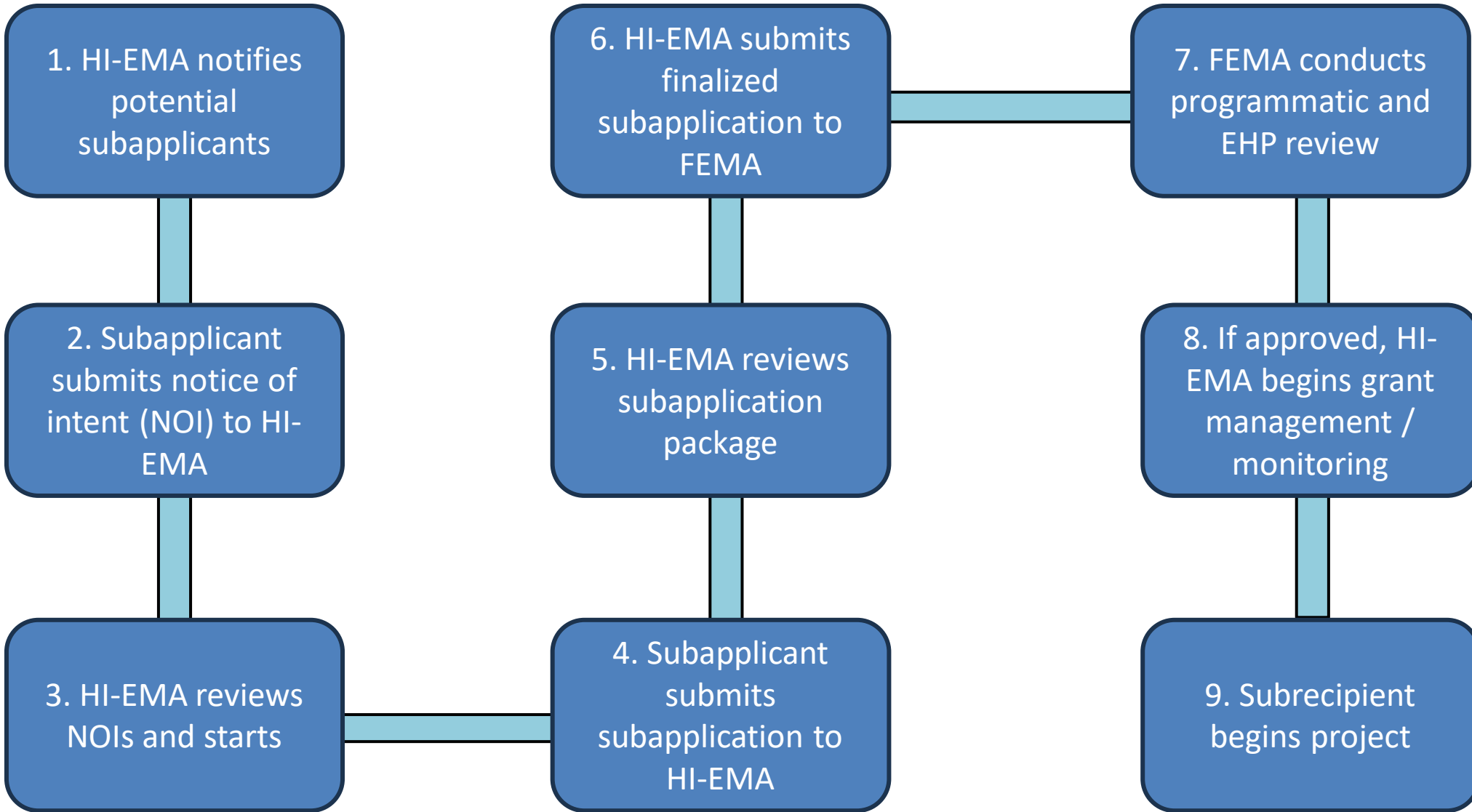


As of 29 OCT 2024

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HAWAI‘I HMGP APPLICATION PROCESS



PROJECT ELIGIBILITY

- ✓ Complies with the State/County Hazard Mitigation Strategies
- ✓ No duplication of Programs
- ✓ Independent long-term solution
- ✓ Cost effective
- ✓ Environmentally sound
- ✓ Costs Reasonable and Allocable (2CFR200)



THE FEMA HMGP PROGRAM

- ✓ Requires proficiency in: Engineering (Scope of Work), Benefit Cost Analysis, and environmental considerations
- ✓ Provides considerable project funding
- ✓ Requires a non-federal match
- ✓ **A lot of work**
- ✓ **Long-term grant program – it takes time**
- ✓ Program that cannot survive without dedicated people at local, state and federal government level
- ✓ Not for response / emergency projects
- ✓ Not intended for projects with existing funding / ongoing projects



FY23

HMA GRANTS BRIC AND FMA

NOTICES OF FUNDING OPPORTUNITIES

LIVE ON GRANTS.GOV



NON-DISASTER GRANTS TIMELINE

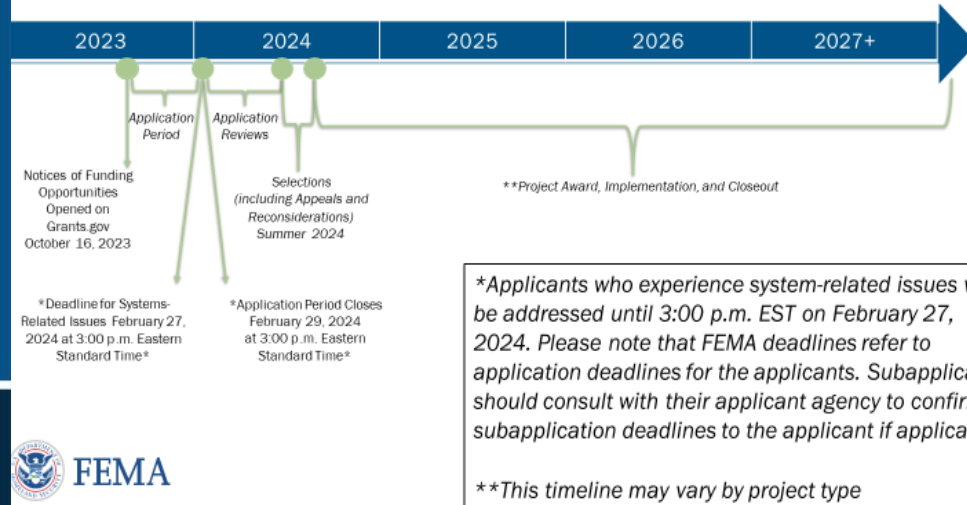


BRIC \$1B

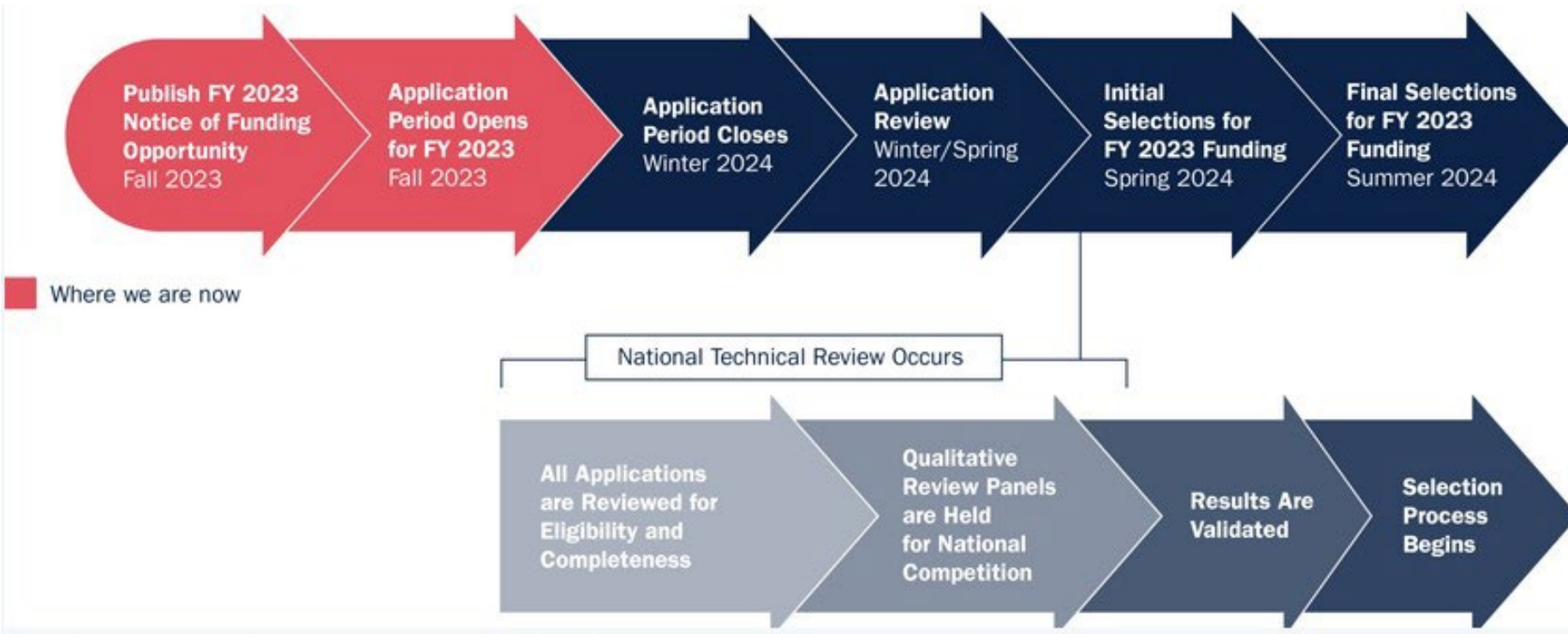
BRIC

APPLICATION PERIOD:
October 16, 2023 - February 29, 2024

Application Cycle and Funding Deadlines



PROCESS AND TIMING OF BRIC



FEDERAL FLOOD RISK MANAGEMENT STANDARD (FFRMS) FOR BRIC & FMA



EXECUTIVE ORDER 14030 - CLIMATE-RELATED FINANCIAL RISK

- For certain non-critical structure elevations, dry floodproofing, and mitigation reconstruction in the Special Flood Hazard Area, the FFRMS Freeboard Value Approach will be required:
 - At a minimum, the base flood elevation plus 2 feet (unless not cost-effective)
- If a higher standard was adopted, FEMA will require the higher standard as the design flood elevation under the American Society of Civil Engineers 24-14 (ASCE 24-14).





FEMA BRIC CAPABILITY & CAPACITY BUILDING (C&CB) ACTIVITIES

2023 HAWAI'I STATE SET ASIDE OF \$2,000,000.00



Breakdown this year:

- At least \$1,500,000 to CCB Activities
- At least \$400,000 to Community Disaster Resilience Zones (CDRZ)



2023 BRIC NATIONAL COMPETITION

QUALITATIVE CRITERIA & POINTS VALUES



Figure 1. BRIC Qualitative Evaluation Criteria

TECHNICAL EVALUATION

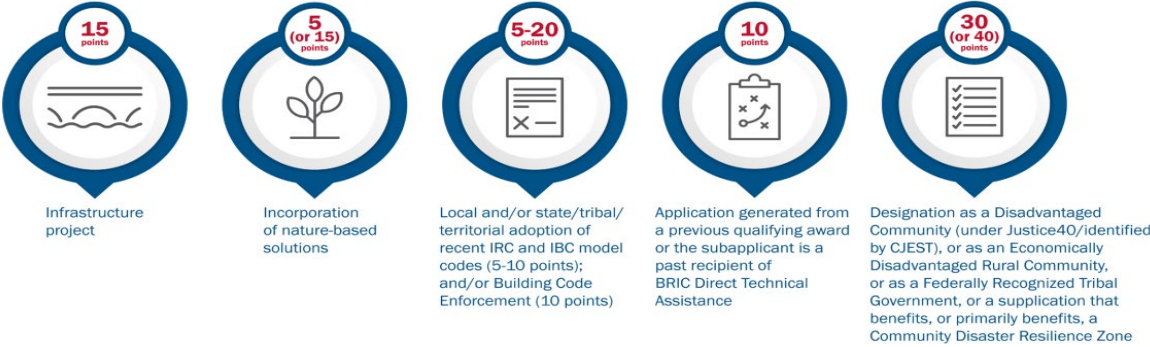


Figure 1: Technical Evaluation Criteria



BRIC DIRECT TECHNICAL ASSISTANCE (BRIC DTA)

GOALS & ELIGIBLE ACTIVITIES

**Community
needs drive
BRIC Direct
Technical
Assistance
Action**

- Broad planning and capacity-building support
- Community engagement
- Strategic communications
- Partnership building
- Hazard mitigation plan development
- Benefit-Cost Analysis
- Mitigation alternatives development
- Project scoping
- Project design
- Project implementation for BRIC-funded projects
- Grant application development



BUILDING RESILIENT INFRASTRUCTURE & COMMUNITIES (BRIC)



Eligible Subapplicants

- Counties and state agencies
 - Must have FEMA-approved local hazard mitigation plan, participating in NFIP, structures must have NFIP policy

Available funding

- Nationally competitive allocation of \$2.3 billion for BRIC 2023
- *State Set-Aside of \$2 million*
- *Set-Aside for Building Codes Plus-Up of \$2 million*
- Requires non-federal match

Who is eligible for BRIC funding?

Applicants:

- ✓ All 50 states
- ✓ U.S. territories
- ✓ Federally recognized tribal governments
- ✓ District of Columbia

Subapplicants:

- ✓ Local governments
- ✓ Tribal governments
- ✓ State agencies
- ✓ Tribal agencies

The infographic includes a map of the United States with callouts for Alaska, Hawaii, American Samoa, Guam, Northern Marianas, Puerto Rico, U.S. Virgin Islands, District of Columbia, and Federally recognized Tribal Gov'ts. The FEMA logo is at the bottom left, and the text 'For more information visit www.fema.gov/bric' is at the bottom right.



2023 FLOOD MITIGATION ASSISTANCE (FMA)

A graphic with a blue background. On the left, a purple box contains a house on stilts, trees, and waves, with "FMA" above and "FLOOD MITIGATION ASSISTANCE" below. A stack of money is above the box. A central circle contains a calendar and a target. On the right, a red banner says "FMA \$800M" with a stack of money above it.

APPLICATION PERIOD:
October 16, 2023 - February 29, 2024

The logo of the U.S. Department of Homeland Security, Federal Emergency Management Agency (FEMA).

FEMA



2023 FLOOD MITIGATION ASSISTANCE (FMA)

- Nationally competitive
 - Focused on severe repetitive loss and repetitive loss structures
- Funds used for projects that reduce or eliminate the risk of repetitive flood damage to buildings insured by the [National Flood Insurance Program](#)
- Requires non-federal match
 - Some exceptions apply for individual flood mitigation projects with SRL properties



FISCAL YEAR 2023 PROJECT AND ACTIVITY TYPES



Capability and Capacity Building (C&CB) Activities Cultivate partnerships to plan for future whole-community flood mitigation initiatives

Individual Flood Mitigation Projects Elevate National Flood Insurance Program (NFIP) homes to mitigate future flood risks



Localized Flood Risk Reduction Projects
Create a sustainable living shoreline

Individual Flood Mitigation Projects Acquire National Flood Insurance Program (NFIP) structures and maintain open space

Localized Flood Risk Reduction Projects Restore natural floodplain function

Localized Flood Risk Reduction Projects Design nature-based solutions like a rain garden

FEMA RESOURCE LINKS

FEMA Program Website:

[HMGP](#)

[HMGP Post Fires](#)

[FMA](#)

[BRIC](#)

[Swift Current FEMA](#)

FEMA GO Helplines:

femago@fema.dhs.gov

1.877.611.4700

BCA Helpline:

BCHelpline@fema.dhs.gov

1.855.540.6744

Environmental and Historic Preservation:

EHPHelpline@fema.dhs.gov

1.866.222.3580

HMA Helpline:

HMAGrantsHelpline@fema.dhs.gov

1.866.222.3580

Building Science

FEMA-BuildingScienceHelp@fema.dhs.gov



PROGRAM SUPPORT MATERIALS

Flood Mitigation Assistance (FMA)

- [FMA Website](#)
- [FY 2023 FMA Notice of Funding Opportunity \(NOFO\)](#)
 - [FY 2023 FMA NOFO Fact Sheet](#)
- [FMA Resources – Program Support Materials](#)
 - [FMA Capability & Capacity Building Activities](#)
 - [FMA Localized Flood Risk Reduction Project](#)
 - [FMA Individual Flood Mitigation Project](#)

BRIC and FMA

- [BRIC & FMA Creating a Benefiting Area Map](#)
- [BRIC & FMA Cybersecurity](#)
- [BRIC & FMA Cost-Effectiveness and Benefit-Cost Analysis](#)
- [Mitigation Action Portfolio](#)
- [Submitting Phased Projects for BRIC or FMA Funding](#)

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Building Resilient Infrastructure and Communities (BRIC)

- [BRIC Website](#)
- [FY 2023 BRIC Notice of Funding Opportunity \(NOFO\)](#)
 - [FY 2023 BRIC NOFO Fact Sheet](#)
- [BRIC Resources – Program Support Materials](#)
 - [BRIC Building Codes Activities](#)
 - [BRIC Hazard Mitigation Planning Activities](#)
 - [BRIC Direct Technical Assistance](#)
 - [BRIC Partnership Activities](#)
 - [BRIC Project Scoping Activities](#)
 - [BRIC Project Subapplicant Tips](#)
 - [BRIC Qualitative Evaluation Criteria](#)
 - [BRIC System-Based Mitigation](#)
 - [BRIC Technical Evaluation Criteria](#)



Mahalo!!

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QUESTIONS?

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