



Fiscal Year 2021 Notice of Funding Opportunity for Hazard Mitigation Grants

Hazard Mitigation Assistance Non-Disaster Grant Programs



FEMA

Agenda

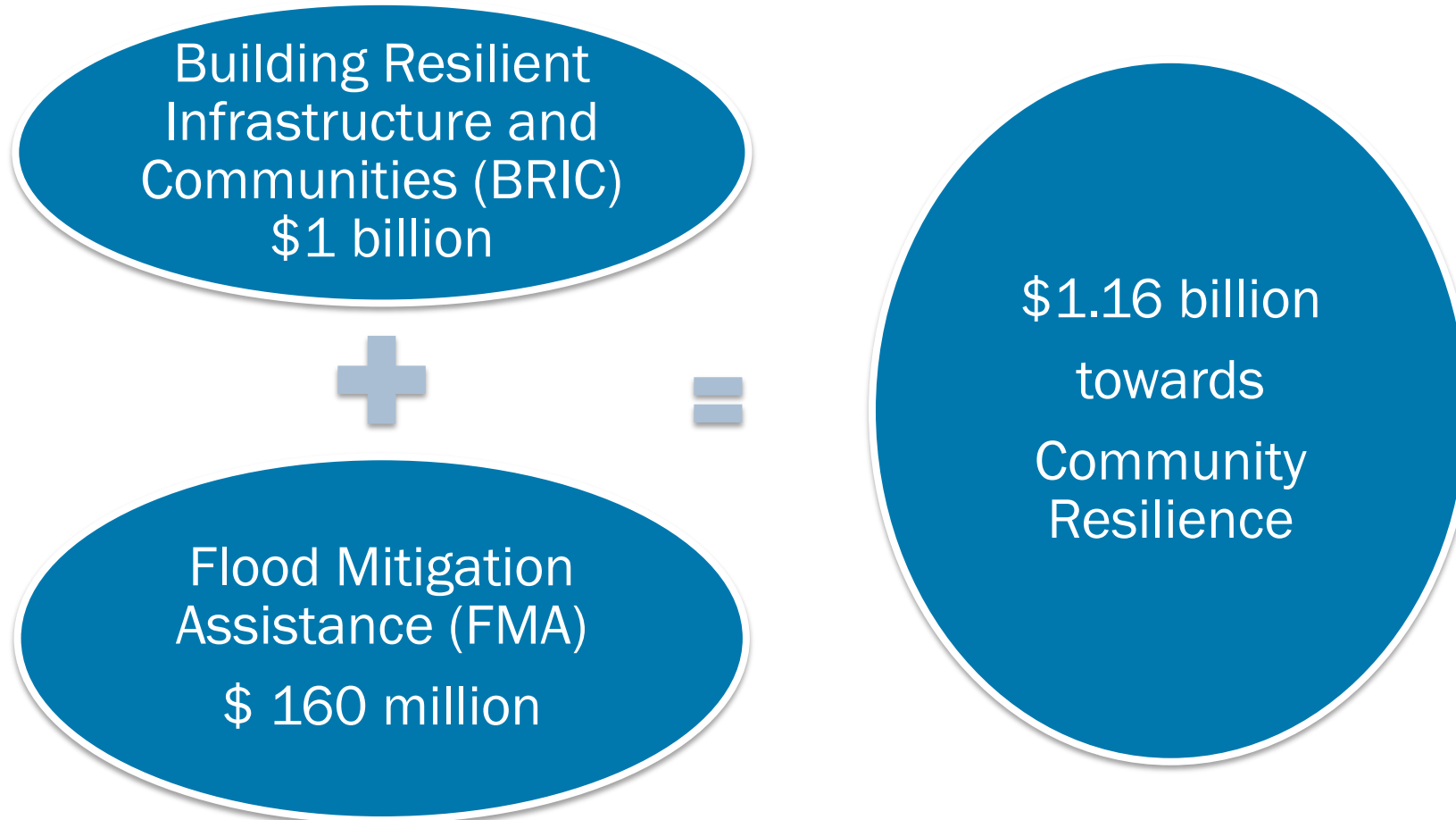
- Annual Hazard Mitigation Assistance Programs
- Applicant and Subapplicant Eligibility
- Application Cycle and Funding Deadlines
- Sampling of Requirements
- Cost Share Requirements
- Flood Mitigation Assistance (FMA)
- Building Resilient Infrastructure and Communities (BRIC)
- FEMA GO
- Job Aids and Resources
- Questions



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Annual Hazard Mitigation Grants



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Applicant and Subapplicant Eligibility

Who is eligible for funding?

Applicants:

- ✓ All 50 States
- ✓ U.S. territories
- ✓ Federally recognized Tribal Governments
- ✓ District of Columbia



Alaska



Hawaii



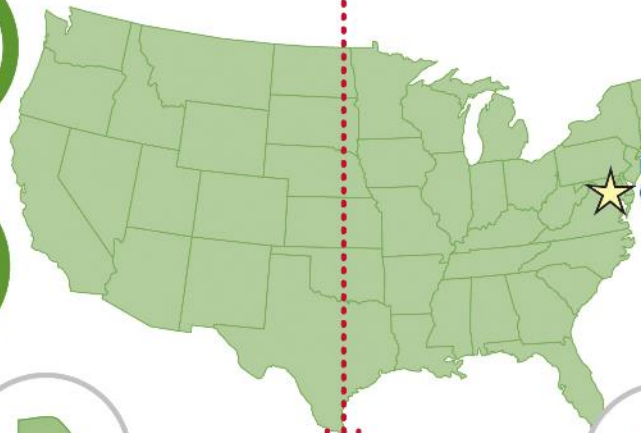
American Samoa



Guam



Northern Marianas



District of Columbia



Federally recognized Tribal Gov'ts.



U.S. Virgin Islands



Puerto Rico

Subapplicants:

- ✓ Local Governments
- ✓ Tribal Governments
- ✓ State Agencies
- ✓ Tribal Agencies



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Non-Disaster Mitigation Grants Application Cycle and Funding Deadlines

NOFO posted to Grants.gov – *August 9, 2021*

Application period – *September 30, 2021 – January 28, 2022*

Eligibility and Technical Reviews – *February – May 2022*

Selections – *Summer 2022*

Period of performance – *36/48 months from Award Acceptance*

Period of Performance 36/48 Months

2021 | 2022 | 2023 | 2024 | 2025+

Application period opens on **September 30, 2021**

Submission deadline for applications is **3:00 PM ET on January 28, 2022**

System-related issues must be addressed by **3:00 PM ET on January 26, 2022**

Pre-Award Selection Notice: **Anticipated in Summer 2022**

Period of Performance:

Start Date: **When the recipient accepts the Award**

End Date: All projects are **36 months** from the date of the Award EXCEPT for FMA Community Flood Mitigation Projects which are **48 months** from the Award date



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Sampling of Requirements*

- Applicants and subapplicants must have a FEMA-approved Hazard Mitigation Plan by the application deadline AND at the time funding is obligated
- Applicants and subapplicants applying for mitigation projects must provide a Benefit Cost Analysis (BCA) or other documentation that validates cost-effectiveness
 - FEMA's Benefit-Cost Analysis Toolkit is a calculator developed using FEMA-approved methodologies and tools to show cost-effectiveness of projects
 - FEMA's BCA Helpline provides assistance with using the BCA Toolkit
- Applicants and subapplicants applying for mitigation projects must provide information needed to comply with the National Environmental Policy Act (NEPA) and related DHS and FEMA instructions and directives

**Please refer to the Notice of Funding Opportunity (NOFO) for a full list of all requirements*

Resources

Mitigation Planning

FEMA Benefit-Cost Analysis Toolkit

FEMA BCA Helpline:

BCHelpline@fema.dhs.gov or
1-855-540-6744

Environmental and Historic Preservation Helpline:

EHPHelpline@fema.dhs.gov or
1-866-222-3580



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Cost Share Requirements

Cost Share:

Generally, FEMA will pay up to 75 percent of the total cost

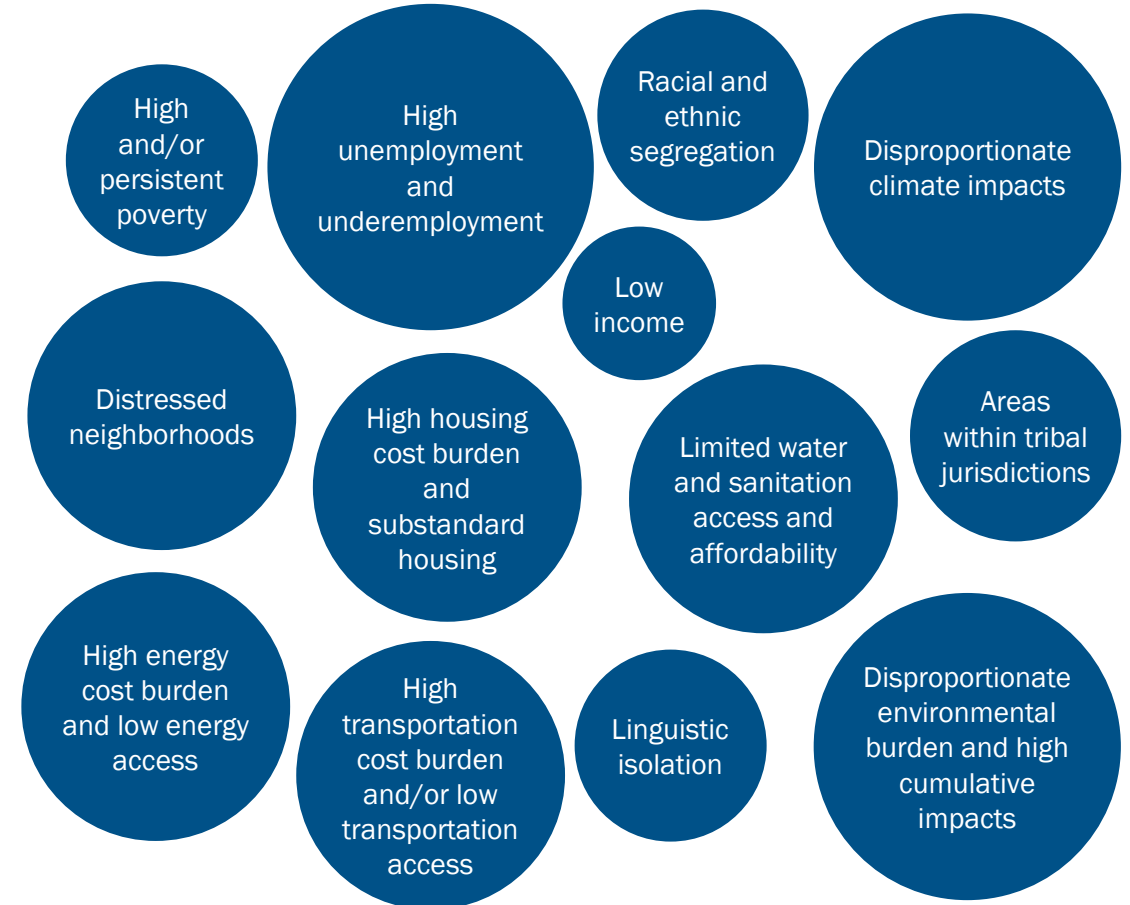
- **BRIC:**
 - FEMA will pay up to 90 percent for Economically Disadvantaged Rural Communities
 - FEMA will pay up to 100 percent for management costs
- **FMA:**
 - FEMA will pay up to 90 percent for Repetitive Loss properties
 - FEMA will pay up to 100 percent for Severe Repetitive Loss properties



Justice 40 Initiative

The BRIC and FMA Programs are prioritizing assistance that benefits disadvantaged communities as referenced in Executive Order 14008 - Tackling the Climate Crisis at Home and Abroad (2021)

Disadvantaged communities may be characterized by:




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Federal Flood Risk Management Standard (FFRMS) for BRIC and FMA

- Executive Order 14030 - Climate-related Financial Risk
- For certain non-critical actions involving structure elevation, dry floodproofing, and mitigation reconstruction in the Special Flood Hazard Area, the FFRMS Freeboard Value Approach will be required which is at a minimum the base flood elevation plus 2 feet (unless doing so would cause the project to be unable to meet applicable program cost-effectiveness requirements)
- If a state, local, tribal, territorial government, or federal agency has adopted a higher standard applicable to the specific project, FEMA will require the higher standard as the design flood elevation under the American Society of Civil Engineers 24-14 (ASCE 24-14)



A photograph of a flooded residential street. The water is murky and has reached the level of the parked cars and the lower parts of the buildings. In the background, a sign for 'TOWN CENTER' is visible, listing 'RITEAID' and other businesses. The scene is dimly lit, suggesting an overcast day or early morning/late evening.

Purpose - To reduce or eliminate the risk of repetitive flood damage to buildings insured by the National Flood Insurance Program

FY 2021

Flood Mitigation Assistance (FMA)

Overview of FMA Changes for FY 2021

Project Scoping

- Increase in total funding available for the Project Scoping priority from \$4 million to \$10 million
- Project Scoping cap was split into two separate caps (for Community Flood Mitigation Projects and individual flood mitigation projects)
 - Up to \$900,000 per subapplication to scope community flood mitigation projects
 - Up to \$300,000 per subapplication to scope individual flood mitigation projects

Prioritization Factors

- Incorporating Centers for Disease Control (CDC) Social Vulnerability Index (SVI) in final priority scoring criteria for Project Scoping and Community Flood Mitigation Projects and Individual Property Mitigation
- Introducing the use of project priority scoring criteria for Individual Property Mitigation to reduce program complexity
- Prioritizing the final scoring criteria to focus on the mitigation of SRL/RL properties



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FMA Eligibility Requirements

- Subapplicants must participate in the National Flood Insurance Program (NFIP) (Not on probation or suspended)
- All structures included in the project subapplications must be insured under the NFIP (Before, During, and After)



NFIP Flood Insurance Requirements (Before, During, and After Mitigation)

Mitigated Structure Remains



Structures identified in the subapplication must have an NFIP policy in effect at the FMA application start date and **must maintain it for the life of the structure regardless of flood zone**

Mitigated Structure is Acquired/Demolished



Structures identified in the subapplication must have an NFIP policy in effect at the FMA application start date and **must maintain it until the transfer of property occurs regardless of flood zone**

FMA Eligible Activities

Mitigation Projects:

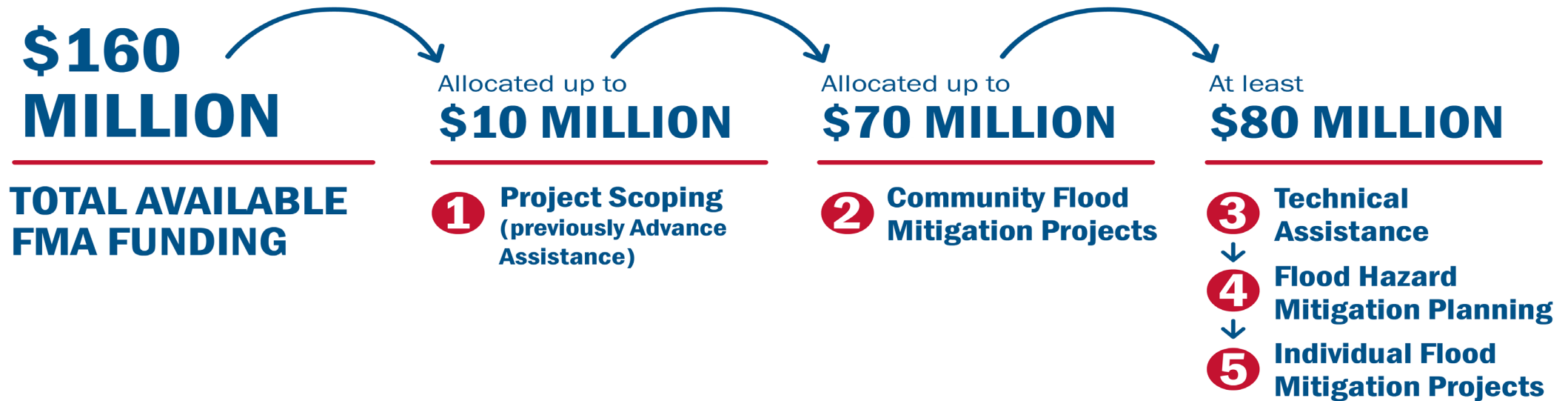
- Property Acquisition and Structure Demolition
- Property Acquisition and Structure Relocation
- Structure Elevation
- Mitigation Reconstruction
- Dry Floodproofing of Historic Structures
- Dry Floodproofing of Non-Residential Structures
- Localized Flood Risk Reduction Projects
- Structural Retrofitting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



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FY21 FMA – Funding Priorities



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FY 2021 FMA Priorities

1

Project Scoping

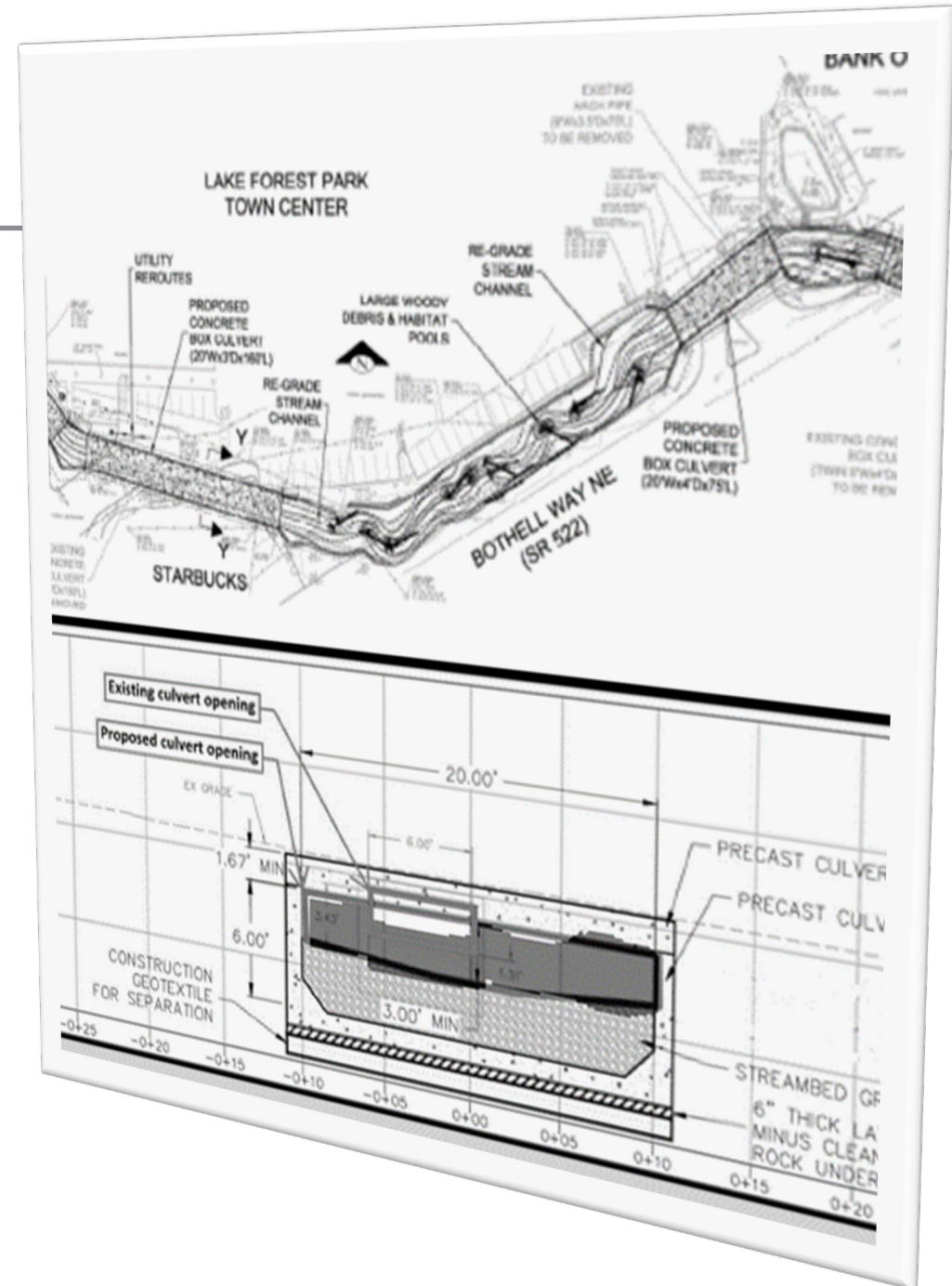
Seed funding for community analysis and design of future:

- Community flood mitigation projects
- Individual property mitigation projects
(Severe Repetitive Loss (SRL) and Repetitive Loss (RL))

FEMA GO Entry: Project Scoping

Prioritization Factors

- NFIP Insured Multiple Loss Communities
- Private-Partnership Cost Share
- CDC Social Vulnerability Index
- Community Rating System (CRS) Participation
- Cooperating Technical Partners Program (CTP) Participation



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FY 2021 FMA Priorities (cont.)

2 Community Flood Mitigation Projects

Funding for projects that address flood risk to the NFIP within a defined drainage area.

FEMA GO Entry: Community Flood Mitigation Project

Prioritization Factors

- NFIP Insured Multiple Loss Communities
- NFIP Policy Holder
- Severe Repetitive Loss (SRL) and Repetitive Loss (RL) Properties
- Private-Partnership Cost Share
- Community Rating System (CRS) Participation
- Advance Assistance Generated Project
- Cooperating Technical Partners Program (CTP) Participation
- CDC Social Vulnerability Index
- Consideration of climate change and Nature-based solutions



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FMA Community Flood Mitigation Project Types

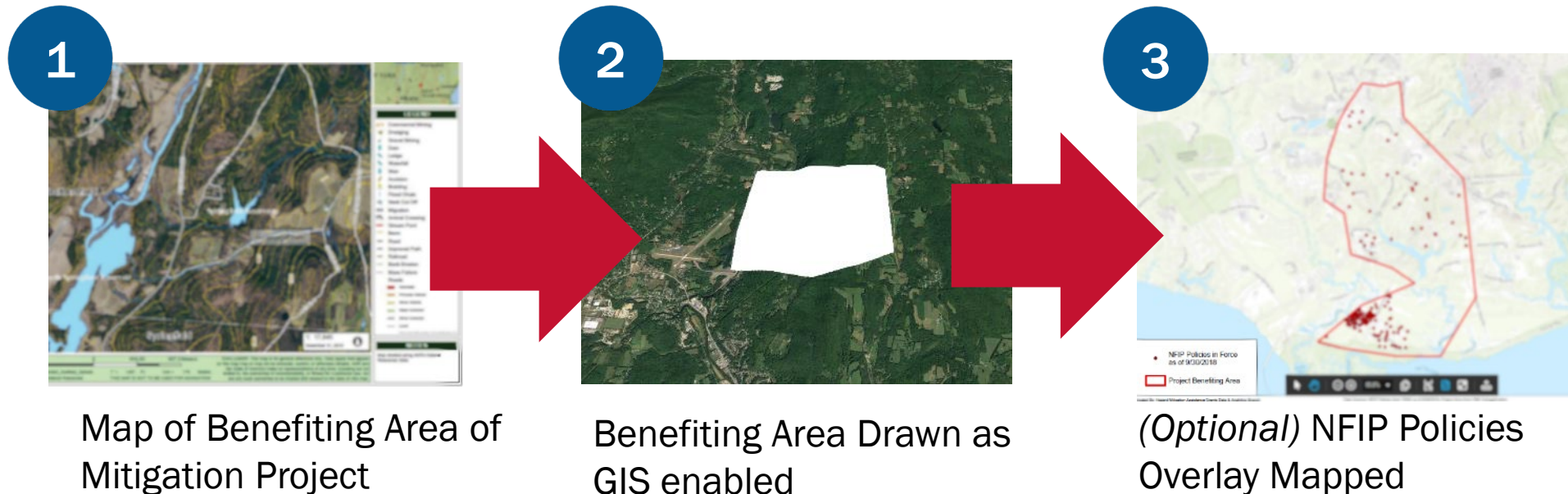
Eligible activities include, but are not limited to:

- Localized flood control
- Floodwater storage and diversion
- Floodplain and stream restoration
- Stormwater management
- Wetland restoration/creation

Elevations and Part 80 voluntary acquisitions are ineligible

Benefitting Area Maps: Connecting Mitigation to the NFIP

- GeoEnabled Project Benefitting Area Maps are required for **ALL** Community Flood Mitigation applications
- FEMA has developed a [Geospatial File Eligibility Job Aid](#)



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FY 2021 FMA Priorities (cont.)

3

Technical assistance for Applicants who were awarded at least \$1 million FMA funds in FY 2020

4

Flood mitigation planning

FY 2021 FMA Priorities (cont.)

5 Individual Flood Mitigation Projects (Elevation, Acquisition, Relocation, & Reconstruction)

a. Severe Repetitive Loss (SRL) structure (ii)

- Have at least 2 separate NFIP claim payments exceeding Market Value of Structure

b. Repetitive Loss (RL) structure

- Have at least 2 NFIP claim payments where average costs equal or exceed 25% of Market Value of Structure

c. Severe Repetitive Loss (SRL) structure (i)

- Have at least 4 NFIP claim payments of \$5,000 or more, with cumulative payments exceeding \$20,000

Individual Flood Mitigation Projects that mitigate the risk of flooding to individual NFIP insured structures

FEMA will rank subapplications in an initial pool where:

- Over 50% of properties meet the SRL/RL definition in order of priority (*see diagram*)
- Under 50% will be scored based on point criteria
 - SRL/RL property(s)
 - Substantial Damage structure(s)
 - Not Secondary Dwelling Units
 - CDC Social Vulnerability Index



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CDC Social Vulnerability Index (CDC SVI)

A tool to identify socially vulnerable communities



Overall Vulnerability

Socioeconomic Status

Below Poverty

Unemployed

Income

No High School Diploma

Household Composition & Disability

Aged 65 or Older

Aged 17 or Younger

Older than Age 5 with a Disability

Single-Parent Households

Minority Status & Language

Minority

Speaks English "Less than Well"

Housing Type & Transportation

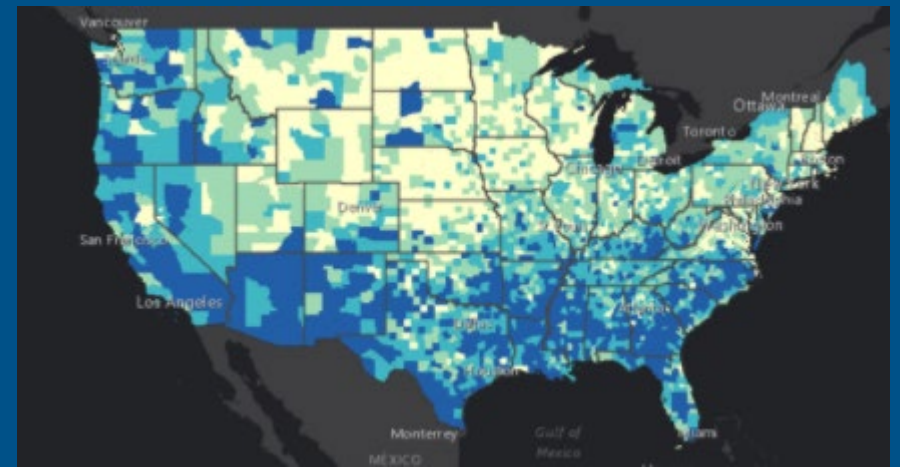
Multi-Unit Structures

Mobile Homes

Crowding

No Vehicle

Group Quarters



- Overall Vulnerability Score (SVI) between 0 - 1
- 0 being least vulnerable and 1 the most
- 4 themes → 15 demographic and socioeconomic indicators
- CDC updates data every 2 years with latest American Community Survey Census data
- Data available by Census Tract and County Crosswalk to zip codes (not supported by CDC)



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FMA Application Limits

Applicants may include the following in a FMA grant application:

- 1 management cost subapplication
- 1 technical assistance subapplication
(for Applicants who received at least \$1 million FMA funds in FY 2020)
- No limit of project subapplications submitted under the Project Scoping, Community Flood Mitigation, or individual mitigation project (SRL and RL) priorities




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FMA Funding Limits

- \$300,000 per Project Scoping subapplication for individual flood mitigation projects – *NEW FY 2021*
- \$900,000 per Project Scoping subapplication for Community Flood Mitigation projects – *NEW FY 2021*
- \$30M cap per Community Flood Mitigation projects
- \$50,000 for Technical Assistance for states/territories who were awarded FMA Grant Program funds totaling at least \$1,000,000 in Fiscal Year 2020
- \$100,000 per Applicant for mitigation planning with a maximum of \$50,000 for state plans and \$25,000 for local plans
- Recipient Management Costs - maximum of 10% of grant funds awarded
- Subrecipient Management Costs - maximum of 5% of grant funds awarded



Purpose – The BRIC program makes federal funds available to states, U.S territories, Indian tribal governments, and local communities for mitigation activities.

FY 2021 Building Resilient Infrastructure and Communities (BRIC)

BRIC's Guiding Principles



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Support Community
Capability & Capacity Building



Encourage and Enable
Innovation



Promote Partnerships



Enable Large Infrastructure
Projects



Maintain Flexibility



Provide Consistency

Overview of BRIC Changes for FY 2021

■ Funding

- *Total funding:* doubled to \$1 billion
- *State/Territory Allocation:* increased by \$400,000 per Applicant (to \$1 million per Applicant)
- *Tribal Set Aside:* increased by \$5 million (to \$25 million total)

■ Non-financial Direct Technical Assistance

- Doubled number of communities (up to 20 communities)
- Streamlined process

■ Competition criteria

- Incorporation of equity across multiple criteria
- Tiered building codes points
- Increased points for BCEGS
- Total of 230 points available

■ Economically Disadvantaged Rural Communities



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BRIC Priorities

- Mitigate the risk to public infrastructure
- Incentivize resilient investments in disadvantaged communities, as referenced in EO 14008 (Tackling the Climate Crisis at Home and Abroad)
- Mitigate risk to one or more community lifelines
- Incorporate nature-based solutions
- Enhance climate resilience and adaptation
- Incentivize the adoption and enforcement of the latest published editions of building codes

BRIC encourages mitigation projects that meet multiple program priorities

FY 2021 BRIC – Available Funding



\$1 Billion

- **State/Territory Allocation: \$56 million** (up to \$1 million per Applicant)
 - All 50 states, the District of Columbia, and U.S. territories may apply under the State/Territory Allocation
 - Any funds not awarded from the State/Territory Allocation will be re-allocated to the national competition
- **Tribal Set-Aside: \$25 million**
 - All Indian tribal governments (federally recognized) may apply under the Tribal Set-Aside
 - Any funds not awarded from the Tribal Set-Aside will be re-allocated to the non-financial Direct Technical Assistance for tribes or the national competition
- **National Competition for Mitigation Projects: \$919 million (estimated)**



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FY 2021 BRIC – Uses of Assistance

Total Available BRIC FUNDING \$1 Billion

Uses of Assistance	\$56 M State/Territory Allocations	\$25M Tribal Set-Aside	\$919M National Competition for Mitigation Projects
Management Costs	✓	✓	✓
Capability and Capacity Building Activities	✓	✓	
Mitigation Projects	✓	✓	✓





BRIC Funding Limits

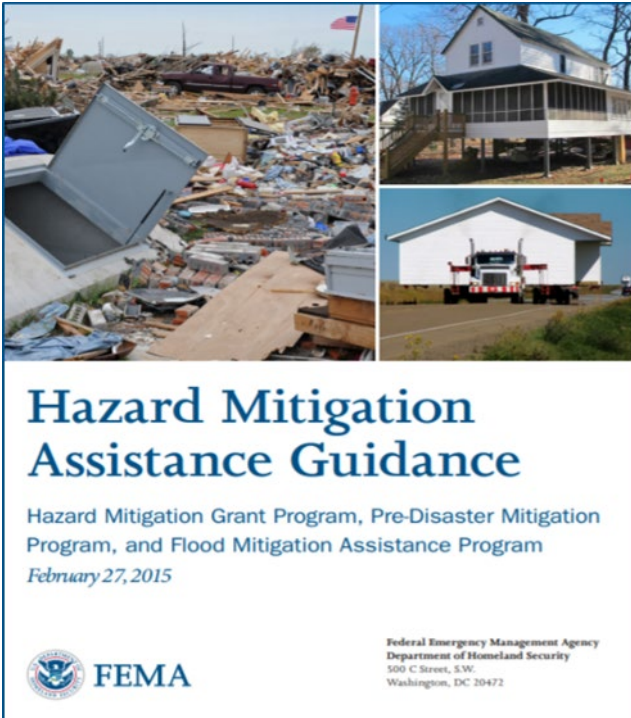
- **State/Territory Allocation:** The combined cost for any C&CB activities and/or mitigation projects under the State/Territory Allocation must not exceed \$1 million federal cost share per Applicant
 - Up to \$500,000 may be used for mitigation planning and planning-related activities per Applicant
- **Tribal Set-Aside:** The combined cost (federal share) of the Applicant's C&CB activities under the Tribal Set-Aside must not exceed \$1 million federal cost share per Applicant
 - Up to \$500,000 may be used for mitigation planning and planning-related activities per Applicant
- **National Competition:** \$50 million (federal share) per subapplication
 - No limit on the number of project subapplications submitted per Applicant

BRIC Capability- and Capacity- Building Activities



BRIC Eligible Activities

Existing Activities are Still Eligible



Expanded Eligibility Includes:

- Project scoping
- Building code activities
- Pre-award costs
- Additional activities for wildfire and wind implementation (DRRA Section 1205)
- Earthquake early warning (DRRA Section 1233)

Projects Must:

- Be cost-effective
- Reduce/eliminate risk and damage from future natural hazards
- Meet latest two consensus codes (i.e., 2018 or 2021 international building code)
- Align with Hazard Mitigation Plan
- Meet all environmental and historic preservation requirements



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BRIC – Technical Criteria



Infrastructure project



Mitigates risk to one or more lifelines



Incorporates nature-based solutions



Applicant has mandatory tribal-, territory-, or state-wide building code adoption requirement
(recent versions of International Building Code and International Residential Code)



BRIC – Qualitative Criteria



**Risk Reduction /
Resiliency Effectiveness**



**Climate Change and
Other Future Conditions**



**Implementation
Measures**



**Population
Impacted**



**Outreach
Activities**



**Leveraging
Partners**



BRIC – Direct Technical Assistance

Double the number of communities supported through Direct Technical Assistance

Non-financial Direct Technical Assistance will be provided to up to **20 selected communities** to support the mitigation outcomes listed below:



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BRIC – Direct Technical Assistance

FEMA may prioritize Direct Technical Assistance for communities that:

- Have not received a project award under the Pre-Disaster Mitigation (PDM) program, FMA, or the Hazard Mitigation Grant Program (HMGP) within the past 5 years
- Have not received an Advance Assistance award under PDM, FMA, or HMGP within the past 5 years
- Are Tribal entities
- Are Economically Disadvantaged Rural Communities and/or benefit disadvantaged community
- Have demonstrated a compelling need (e.g., have significant social vulnerability, multiple major disaster declarations within the past 5 years, etc.)



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BRIC – Go/No-Go Milestones



- The subapplicant, in coordination with the applicant, must identify at least one or more Go/No-Go milestones in the work schedule for **mitigation projects** submitted to the **national competition** that FEMA will review and approve
- Mitigation projects submitted under the state/territory allocation or tribal set-aside do not require Go/No-Go milestones



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BRIC – Phased Projects



- Phased projects are where FEMA provides funding for complex mitigation projects to Applicants to allow them to develop all the technical and environmental information, including design, engineering studies, and permitting, before issuing a full construction approval
- Phasing projects allow monies to flow and good mitigation projects to be developed and evaluated without a community assuming risk of not being funded, which can be especially helpful for smaller communities



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Next Steps



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Federal Emergency Management Agency

How to Apply

- Eligible Applicants must apply for funding using FEMA Grants Outcomes (FEMA GO) at the [FEMA GO Portal](#)
- Visit [FEMA Grants Outcome \(FEMA GO\) for Hazard Mitigation Assistance Grants](#) to view the technical user manuals and support materials



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Application Deadlines

- The Application period opens on September 30, 2021
- Applications must be received in FEMA GO at by January 28, 2022, at 3:00 PM Eastern Time (ET)

Technical Assistance

- Applicants experiencing technical problems outside of their control must notify FEMA by 3:00 PM ET on January 26, 2022

BRIC and FMA Program Support Materials

BRIC

- [BRIC Website](#)
- [FY 2021 BRIC Notice of Funding Opportunity](#)
- [BRIC Resources](#)
 - BRIC Technical Criteria
 - BRIC Qualitative Criteria
 - BRIC Building Codes Activities
 - BRIC Mitigation Planning Activities
 - BRIC Partnership Activities
 - BRIC Project Scoping Activities
 - BRIC Phased Projects
 - BRIC Direct Technical Assistance
 - BRIC Tribal Information
 - Mitigation Action Portfolio

FMA

- [FMA Website](#)
- [FY 2021 FMA Notice of Funding Opportunity](#)
- [FMA Resources](#)
 - FMA Community Flood Mitigation Project Fact Sheet
 - FMA Community Flood Mitigation Benefitting Area
 - FMA Individual Flood Mitigation Fact Sheet
 - Map Development
 - FMA Project Scoping Fact Sheet
 - [Geospatial File Eligibility Criteria in Flood Mitigation Grant Applications](#)



Additional Resources

- [Unified Hazard Mitigation Assistance Guidance & Addendum](#)
- Property Elevation and Acquisition Job Aids:
 - [Elevation Job Aid](#)
 - [Acquisition & Demolition Job Aid](#)
 - [Acquisition & Relocation](#)
- [HMA Cost Share Guide](#)
- [Benefit-Cost Analysis Toolkit](#)
- [Building Community Resilience with Nature Based Solutions: A Guide for Local Communities](#)

FEMA GO Helpline:

femago@fema.dhs.gov

1-877-611-4700

BCA Helpline:

BCHelpline@fema.dhs.gov

1-855-540-6744

Feasibility and Effectiveness Helpline:

FEMA-BuildingScienceHelp@fema.dhs.gov

Environmental and Historic Preservation:

EHPHelpline@fema.dhs.gov

1-866-222-3580

HMA Helpline:

1-866-222-3580



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2021 BRIC and FMA Programs Webinar Series

Date and Time	Webinar Topic
August 16 2-3:30 pm ET	BRIC and FMA FY 2020 Data and Trends
August 18 2-3:30 pm ET	Where Equity Fits into the BRIC and FMA Program Design and Community Resilience
August 24 2-3:30 pm ET	Severe Repetitive Loss/Repetitive Loss Mitigation Priorities
August 26 2-3:30 pm ET	BRIC and FMA FY 2021 NOFO Webinar #2
September 8 2-3:30 pm ET	BRIC FY 2021 NOFO Technical and Qualitative Criteria
September 13 2-3:30 pm ET	BRIC and FMA FY 2021 NOFO Tribal Webinar
October 13 2-3:30 pm ET	Federal Agency Roundtable



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2021 BRIC and FMA Programs Webinars and Office Hours

- Application Pitfalls Webinars:
 - September 1 and 20
- FEMA's Hazard Mitigation Assistance Division will hold office hours for the BRIC and FMA Programs on the following dates:
 - October 19, 21, 26, and 28



Full schedule of BRIC and FMA Programs Webinars available at:
<https://www.fema.gov/grants/mitigation/2021-building-resilient-infrastructure-and-communities-and-flood-mitigation-assistance-programs>



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