

Building Resilient Infrastructure and Communities (BRIC)

Virginia Emergency Management Symposium | June 15, 2021



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Agenda

- BRIC Program Overview
 - Guiding Principles
 - BRIC Priorities
 - Timeline & Funding Availability
 - Eligible Applicants
 - FY 2020 Nationwide
 - Application Cycle & Deadlines
 - Cost Share
 - BRIC Application Scoring Criteria
 - BRIC now and in the future
 - Lessons Learned & Best Practices
- Job Aids and Resources



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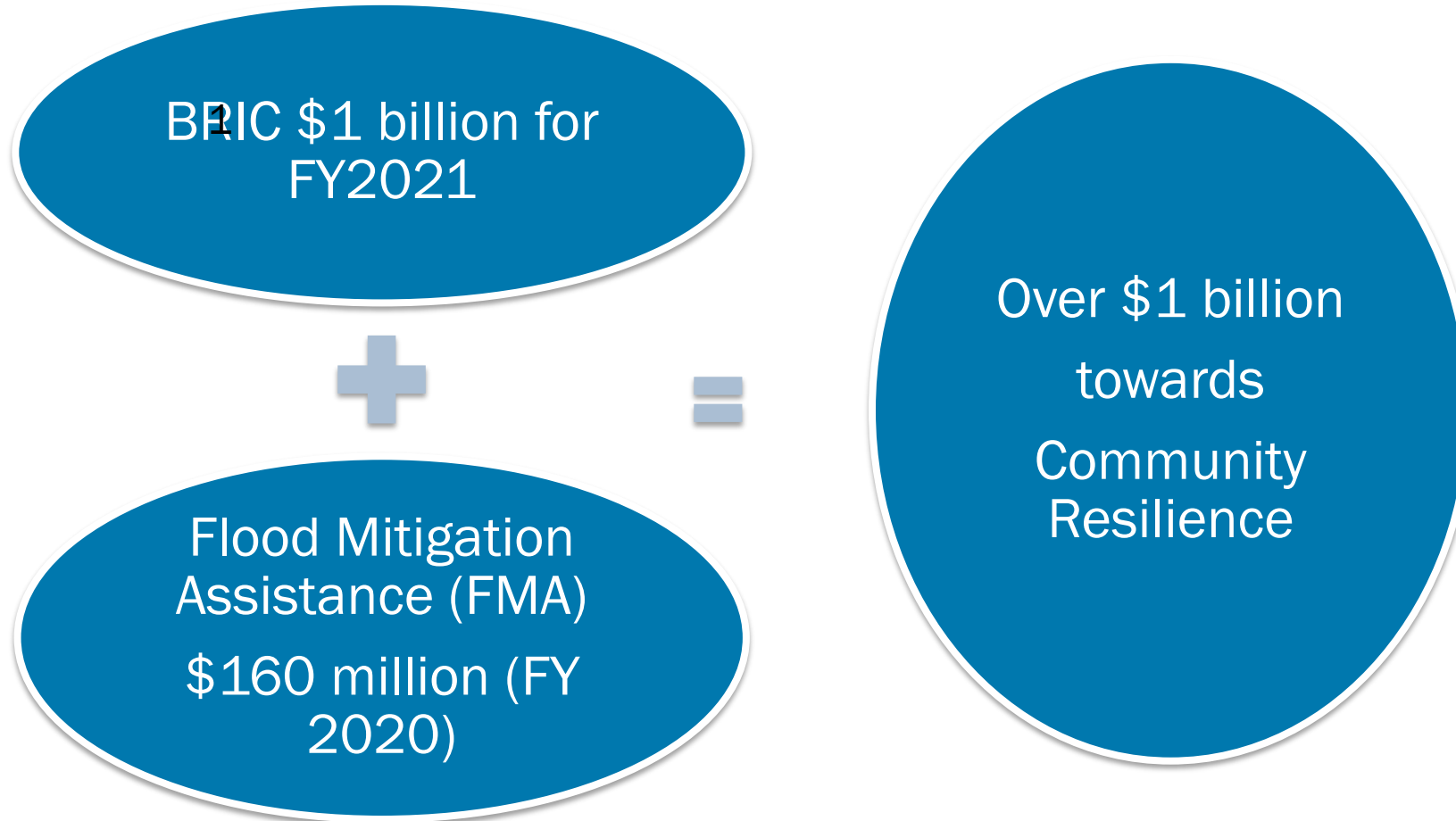


What is the BRIC grant program?


- Building Resilient Infrastructure and Communities (BRIC)
- Relation to FMA and HMGP grant programs
- How is BRIC different from PDM?



Pre-Disaster Hazard Mitigation Grants



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

Building Resilient Infrastructure and Communities (BRIC)

Applicant and Subapplicant Eligibility

Who is eligible for BRIC funding?

Applicants:

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



Alaska



Hawaii



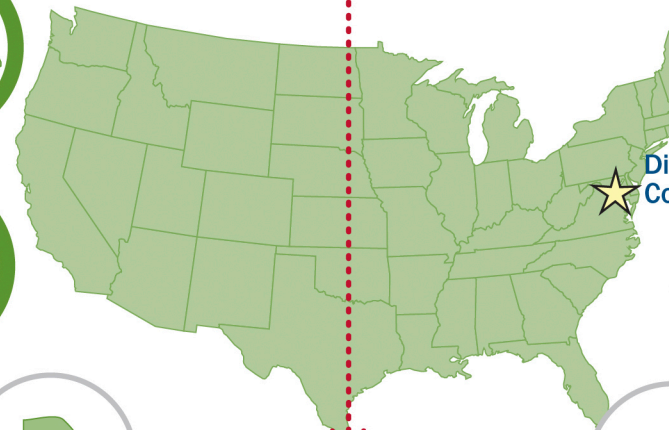
American Samoa



Guam



Northern Marianas



District of Columbia



Federally recognized Tribal Gov'ts.



U.S. Virgin Islands



Puerto Rico

Subapplicants:

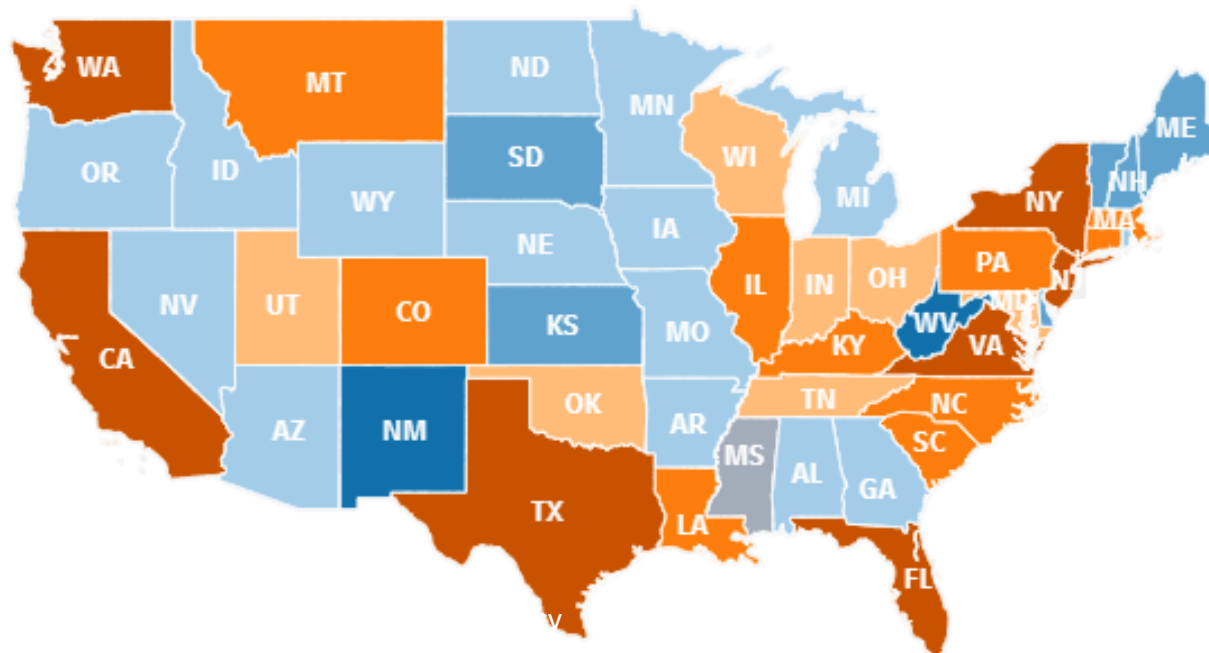
- ✓ Local Governments
- ✓ Tribal Governments
- ✓ State Agencies
- ✓ Tribal Agencies

Announcements for applications selected for review and potential funding will be announced in summer 2021.

Building Resilient Infrastructure Communities Fiscal Year 2020 Application Period Submissions

Number of Subapplications	Number of Structures to be Mitigated	Number of Small Impoverished Communities
991	1,521	98
Total Subapplication Costs	Federal Cost Share	Non-Federal Cost Share
\$5.50B	\$3.60B	\$1.90B

Total Subapplication Costs

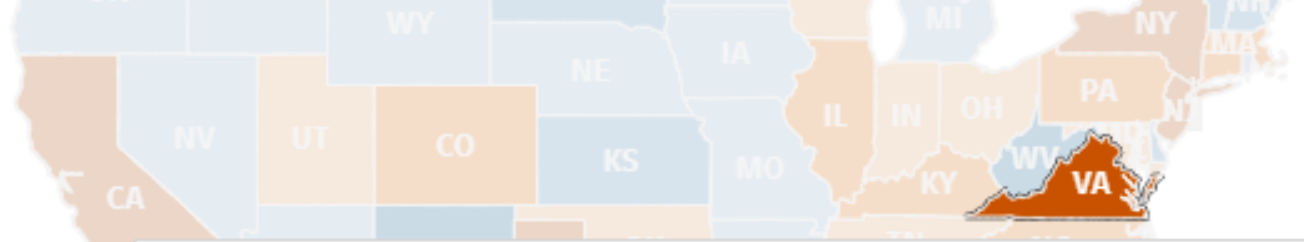


BRIC FY2020 Nationwide

- 991 Subapplications
- Exceeded \$5 Billion
- 98 Small & Impoverished Communities
- FY 2020 results announced early July

Virginia BRIC Submissions for FY 2020

- 36 Subapplications
- Primary activity types



Alaska
 subapplicati

Uti

Virginia

Number of Subapplications:	36
Number of Structures to be Mitigated:	36
Number of Small Impoverished Communities:	1
Total Subapplication Costs:	\$311,643,242
Federal Cost Share:	\$226,880,795
Non-Federal Cost Share:	\$84,762,447

Top 5 Subapplication Activities by Cost

Primary Activity Type	Number of Subapplications	Total Subapplication Costs
Utility and infr. protection	5	\$149,680,430
Other	3	\$74,108,846
Flood control	7	\$65,139,444
Management costs	1	\$8,840,000
Generator	5	\$5,324,352

Stabilization and restoration



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BRIC's Guiding Principles

Guiding Principles



Support Community Capability & Capacity Building



Encourage and Enable Innovation



Promote Partnerships



Enable Large Infrastructure Projects



Maintain Flexibility



Provide Consistency

Supports FEMA's Strategic Plan

1

Build a Culture of Preparedness

2

Ready the Nation for Catastrophic Disasters

3

Reduce the Complexity of FEMA

BRIC FY 2020 Priorities

- Encourage public infrastructure projects
- Increase projects that mitigate risk to one or more lifelines
- Promote projects that incorporate nature-based solutions
- Incentivize adoption and enforcement of modern building codes



BRIC – Available Funding

\$1 Billion for FY2021

Recap of FY2020



- **State/Territory Allocation: \$33.6 million (up to \$600,000 per Applicant)**
 - All 50 states, the District of Columbia, and U.S. territories may apply under the State/Territory Allocation
- **Tribal Set-Aside: \$20 million**
 - All Tribal governments (federally recognized) may apply under the Tribal Set-Aside
- **National Competition for Mitigation Projects: \$446.4 million (estimated)**
 - Remaining funds which are not awarded from the State/Territory Allocation or Tribal Set-Aside will be included in the national competition

Non-Disaster Mitigation Grants

Application Cycle and Funding Deadlines FY 2020 Recap

NOFO posted to Grants.gov – *August 3, 2020*

Application period – *September 30, 2020 – January 29, 2021*

Eligibility and Technical Reviews – *February – May 2021*

Selections – *June 2021*

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

Period of Performance 36/48 Months

2020 | 2021 | 2022 | 2023 | 2024+

Application period opens on September 30, 2020.

Submission deadline for applications is 3:00 PM ET on January 29, 2021.

***States have set earlier submission deadlines. (Ex. Maryland submission deadline is November 20, 2020)**

System-related issues must be addressed by 3:00 PM ET on January 27, 2021.

Pre-Award Selection Notice: **Anticipated end of June 2021**

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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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 small impoverished communities
- FEMA will pay up to 100 percent for management costs
- *Non-federal cost share can be made up of cash, labor, in-kind or third-party donations*

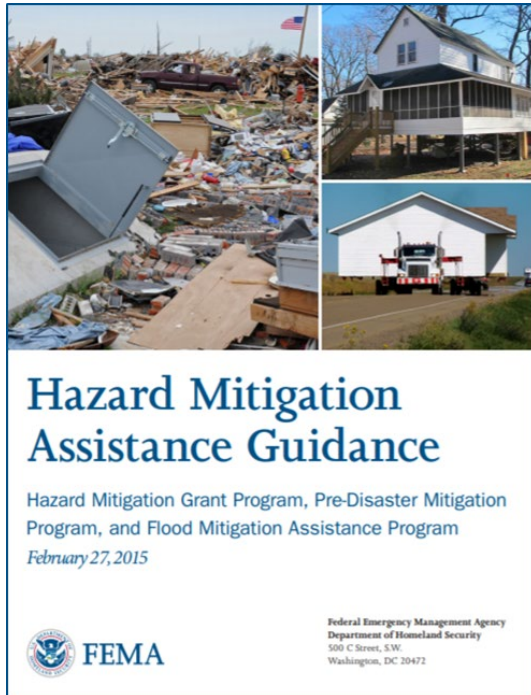
BRIC Funding Limits



- **State/Territory Maximum Allocation and Activity Caps: \$600,000**
 - Up to \$300,000 may be used for mitigation planning and planning-related activities per applicant
- **Tribal Set-Aside Activity Caps: The combined cost of the applicant's capability- and- capacity building activities under the Tribal Set-Aside must not exceed \$600,000 per applicant**
- **National Competition Project Cap: \$50 million per subapplication**

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., 2015 or 2018 international building code)
- Align with Hazard Mitigation Plan
- Meet all environmental and historic preservation requirements

How is BRIC Different Than PDM?

Sets Clear Priorities

- Lifelines & infrastructure projects
- Building codes
- Shared responsibility & partnerships
- Innovative projects

Builds Capability

- Capability & capacity-building activities
- In-person non-financial technical assistance
- The Mitigation Action Portfolio – selection of case studies

Increases Flexibility

- Reduces limitations
- Increases caps
- Allows pre-award costs

Streamlines Processes

- New application process through FEMA GO
- Project extensions
- Phased projects

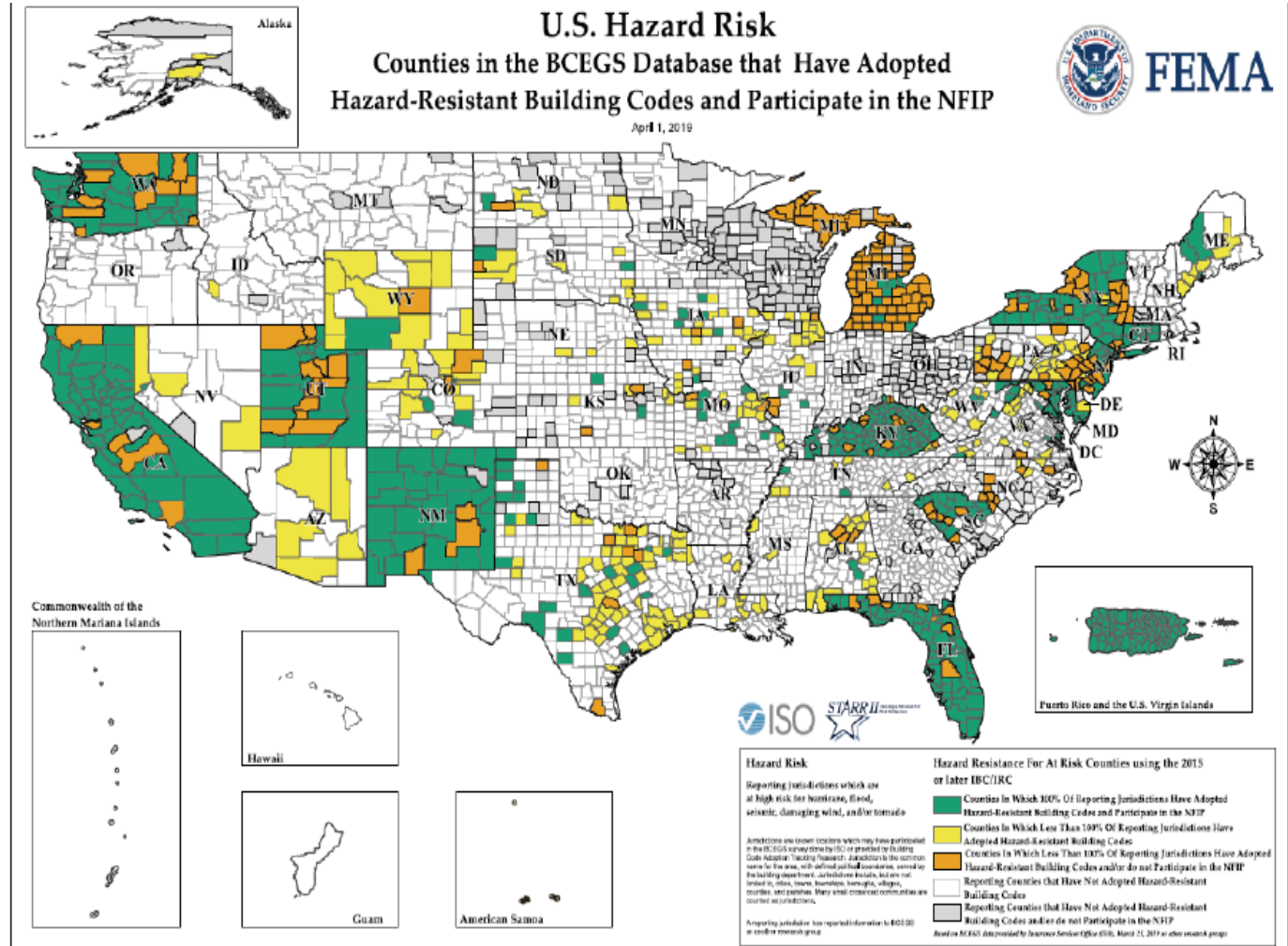


BRIC C&CB Activities: Building Codes and Partnerships



Local Building Codes & Enforcement

Building codes are the cornerstone of a resilient community, but less than 35 percent of communities have adopted the latest, most up-to-date hazard-resistant codes.



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Quick reference guide regarding local Mandatory building code adoption is to check online portal at: [National Building Code Adoption Tracking Portal \(arcgis.com\)](https://www.arcgis.com)

BRIC C&CB Activities: Project Scoping and Planning

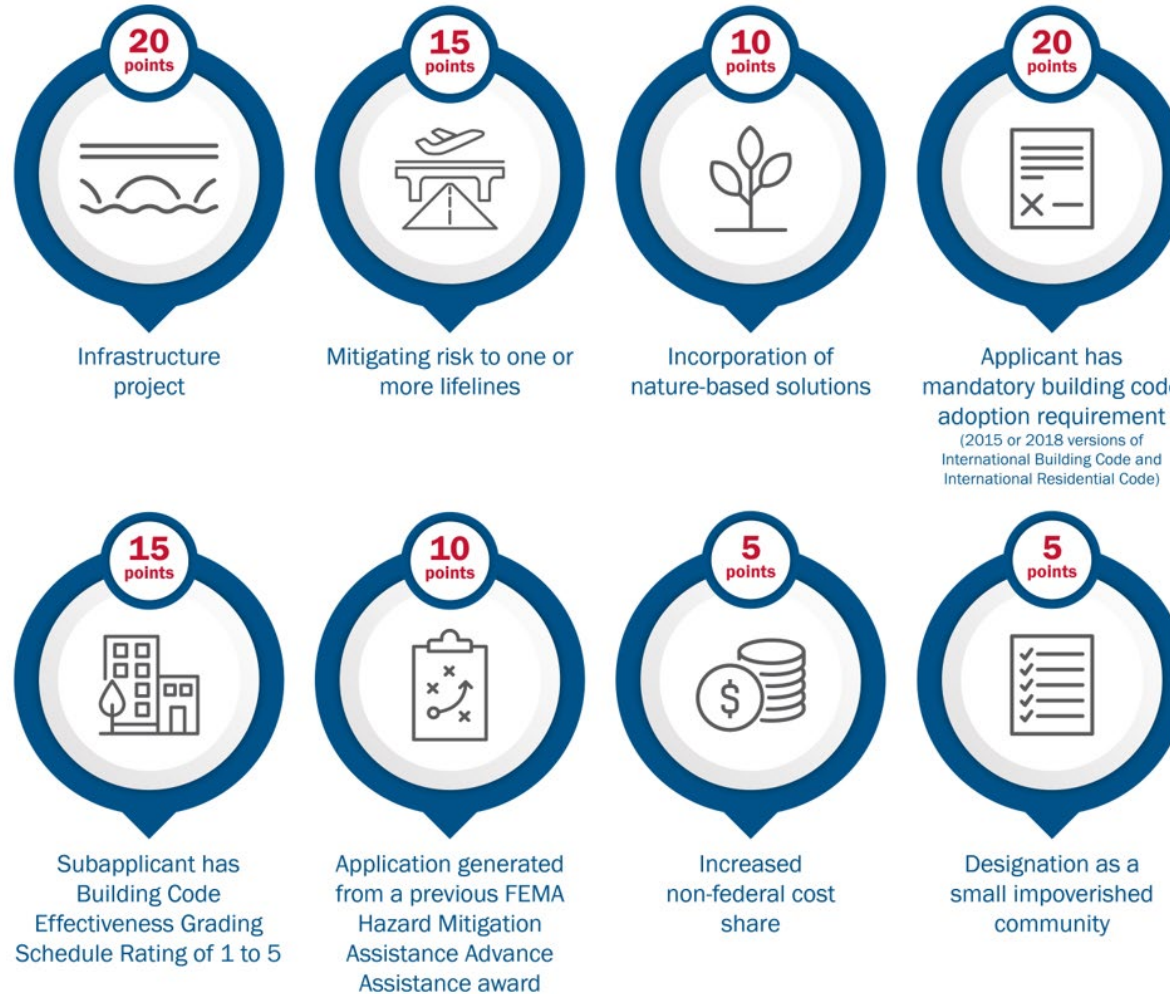


BRIC – Phased Projects

- 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.

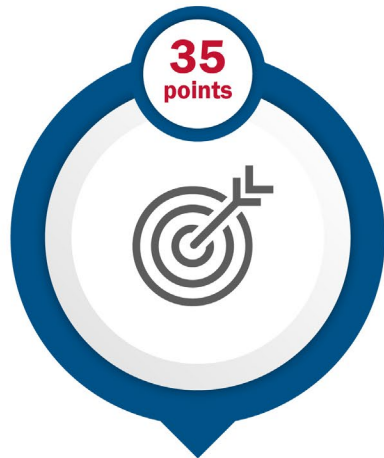


BRIC Application Scoring – Technical Criteria from FY 2020



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BRIC Application Scoring – Qualitative Criteria from FY 2020



**Risk Reduction /
Resiliency Effectiveness**



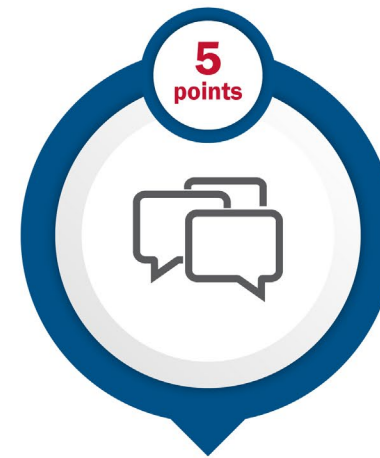
**Future
Conditions**



**Implementation
Measures**



**Population
Impacted**



**Outreach
Activities**

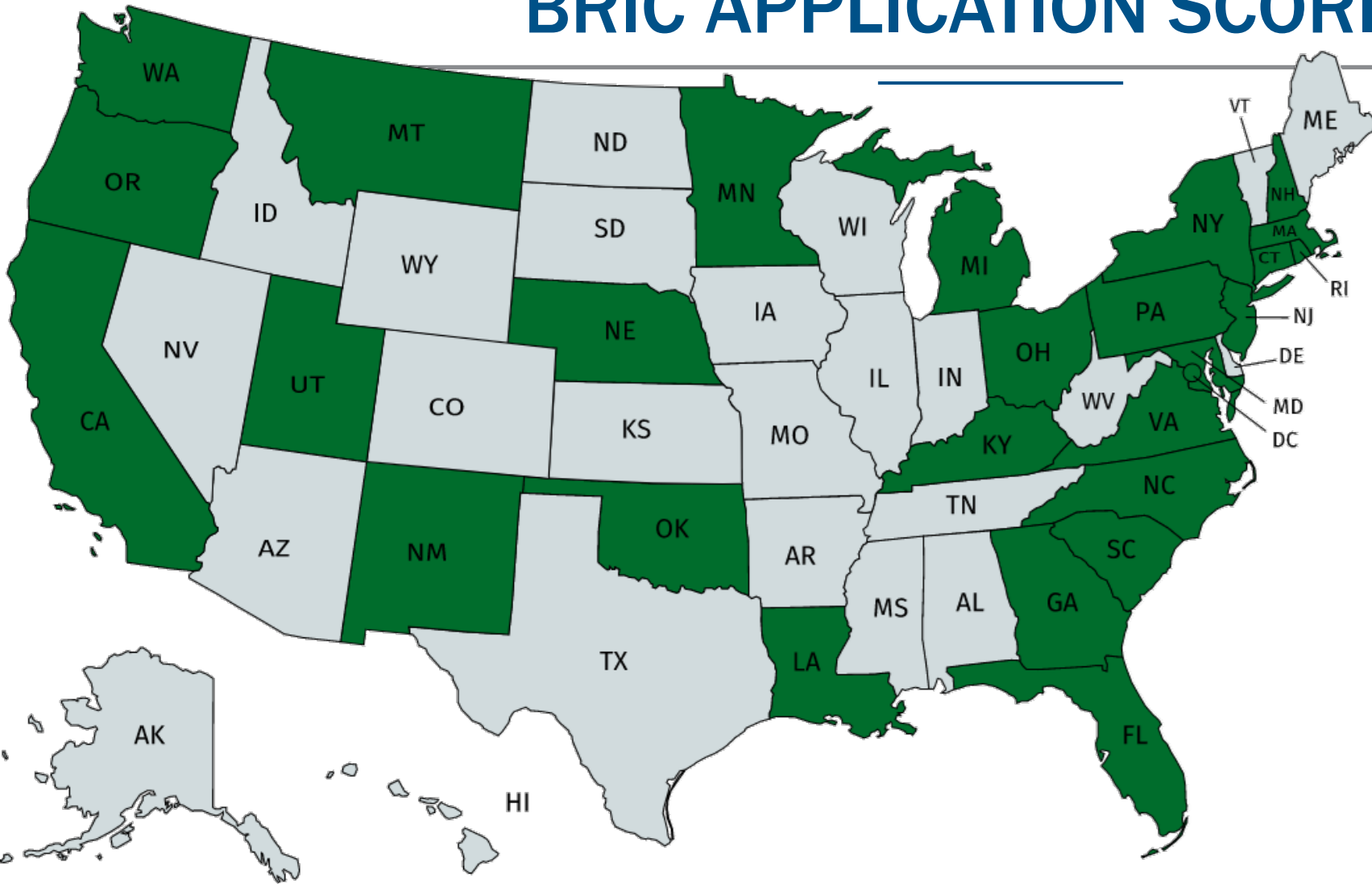


**Leveraging
Partners**

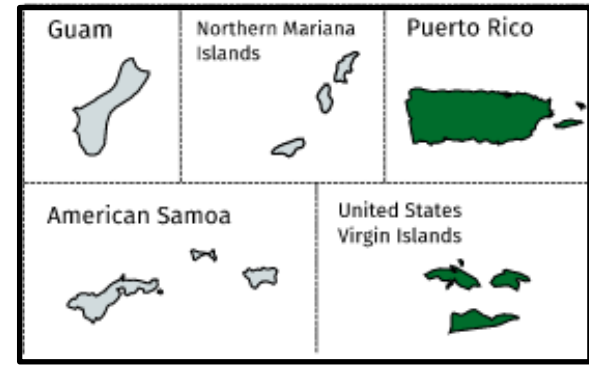


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BRIC APPLICATION SCORING



 Adopts 2015 or 2018 IBC & IRC



What is happening now with BRIC? How about the future?

Application Review Process:

- FEMA GO is the platform to submit applications
- Selections for BRIC/FMA FY 2020 anticipated in early July 2021
- BRIC/FMA FY 2021 NOFO anticipated release July/August 2021
- Anticipated BRIC/FMA application period opening September 30, 2021
- Important to remember: States will have state specific deadlines to review applications (range from Oct. –Dec.)
- BRIC/FMA applications will likely be due in FEMA GO by FEMA by January 28, 2022

Future of BRIC:

- BRIC is funded by 6% set aside of the DRF – available funding amounts will vary each year (FY 2021 = 1 Billion)
- Applicants & sub-applicants can incur costs now for applications submitted next grant cycle
- Leveraging partnerships, diversified funding opportunities for projects, economic development partners, capital improvement plans, shared funding mechanisms and/or shared project design, and creative ways to identify Non-federal cost share (match)*
- We do not anticipate major design changes for FY 2021; Emphasis on equity & climate change and adaptation*



HMA Mitigation Action Portfolio



Hazard Mitigation Assistance
Mitigation Action Portfolio



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Best Practices



Best Practices

- Program Support Materials
 - Mitigation Action Portfolio
 - Technical Review Criteria
 - Qualitative Review Criteria
- FEMA GO point of contact and multiple sessions
- Proactive Outreach Conducted by States
 - PA KEMA Coffee Breaks
 - DE County BRIC Workshops
 - MD Resilience Panel Discussions
- BRIC Summer Engagement Webinar Series
 - BRIC Eligibility
 - FEMA GO Registration



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Lessons Learned



Challenges

- National Campaign = High Visibility
- National level messaging at times caused confusion
 - Applicant vs. subapplicant
 - State deadlines
- Roll out of new grants management system
 - Registered users
 - System issues and “bugs”
 - SAMS / DUNS
 - Training
- Ongoing response to COVID 19 (capacity)
- Staff turnover
- Changing mindset from PDM to BRIC
- Think Big, Think Bold. What does that mean exactly?
- Subapplications – clear understanding of time investment required to produce high quality applications that will score competitively during NTR



Program Support Materials

BRIC

- [Mitigation Action Portfolio](#)
- [BRIC Building Code Activities](#)
- [BRIC Partnership Activities](#)
- [BRIC Project Scoping Activities](#)
- [BRIC Mitigation Planning Activities](#)
- [BRIC Direct Technical Assistance](#)
- [BRIC Technical Criteria](#)
- [BRIC Qualitative Criteria](#)
- [HMA Cost Share Guide](#)
- [FY20 BRIC Notice of Funding Opportunity](#)

FMA

- [FMA Community Flood Mitigation Project Fact Sheet](#)
- [FMA Community Flood Mitigation Benefitting Area Map Development](#)
- [FMA Project Scoping Fact Sheet](#)
- [Geospatial File Eligibility Criteria In Flood Mitigation Grant Applications](#)
- [FY20 FMA Notice of Funding Opportunity](#)
- [Unified Hazard Mitigation Assistance Guidance & Addendum](#)
- **Property Elevation and Acquisition Job Aides:**
 - [Elevation Job Aid](#)
 - [Acquisition & Demolition Job Aid](#)
 - [Acquisition & Relocation](#)
- [HMA Cost Share Guide](#)



How to Apply

- Eligible Applicants must apply for funding using the new FEMA Grants Outcomes (FEMA GO) at the [FEMA GO Portal](#)
- Visit [FEMA GO Guides and Resources](#) to view the technical user manuals and support materials
- For FEMA GO Technical Support, contact the Help Desk by calling 1-877-611-4700 or by email at: femago@fema.dhs.gov

Application Deadlines

- Get connected with your State Hazard Mitigation Officer (SHMO)
- Application period for FY 2021 is set to open on September 30, 2021 – **NOT FINAL UNTIL NOFO IS RELEASED**
- Applications must be received in FEMA GO by January 28, 2022, at 3:00 PM Eastern Time - **NOT FINAL UNTIL NOFO IS RELEASED**
 - States will set earlier submission deadlines

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