

Building Resilient Infrastructure and Communities (BRIC)

Camille Crain | July 14, 2021



FEMA

Building Resilient Infrastructure and Communities (BRIC)

Guiding Principles



Support Community Capability & Capacity Building



Encourage and Enable Innovation



Promote Partnerships



Enable Large Infrastructure Projects



Maintain Flexibility



Provide Consistency



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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 FY 2021 NOFO and 2020 Project Selections

FY 2020 Cycle: FEMA announced BRIC sections in July 2021



FY 2021 Cycle: FEMA will publish FY 2021 BRIC NOFO this Summer



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Federal Emergency Management Agency

BRIC Funding

President Biden announced **\$1 billion** will be directed to BRIC



- **State/Territory Allocation**

- All 50 states, the District of Columbia, and U.S. territories may apply under the State/Territory Allocation

- **Tribal Set-Aside**

- All Tribal governments (federally recognized) may apply under the Tribal Set-Aside

- **National Competition for Mitigation Projects**



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BRIC Uses of Assistance

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

BRIC Applicant and Subapplicant Eligibility

Who is eligible for funding?

Applicants:

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



District of Columbia



Subapplicants:

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



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FY 2020 BRIC – Technical Criteria



Infrastructure project



Mitigating risk to one or more lifelines



Incorporation of nature-based solutions



Applicant has mandatory building code adoption requirement
(2015 or 2018 versions of International Building Code and International Residential Code)



Subapplicant has Building Code Effectiveness Grading Schedule Rating of 1 to 5



Application generated from a previous FEMA Hazard Mitigation Assistance Advance Assistance award



Increased non-federal cost share



Designation as a small impoverished community



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FY 2020 BRIC – Qualitative Criteria



**Risk Reduction /
Resiliency Effectiveness**



**Future
Conditions**



**Implementation
Measures**



**Population
Impacted**



**Outreach
Activities**



**Leveraging
Partners**



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BRIC – Direct Technical Assistance

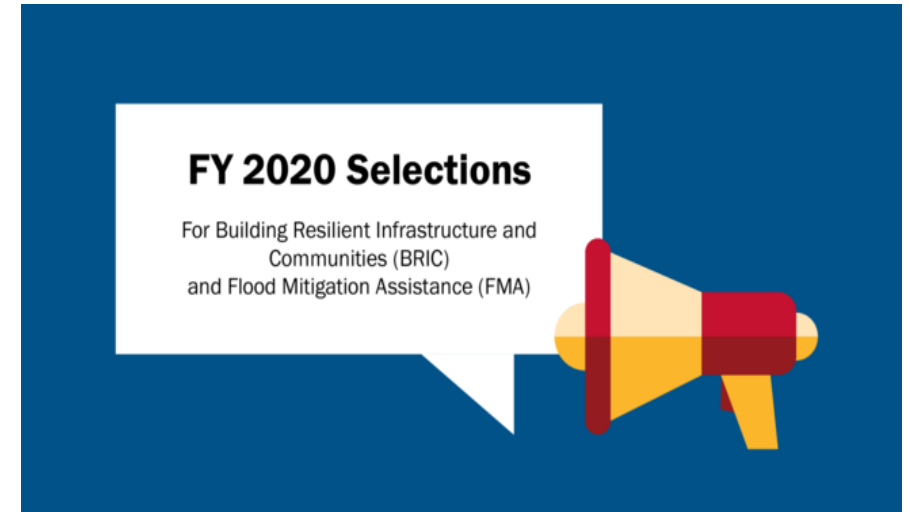
Non-financial Direct Technical Assistance will be provided to selected communities to support the mitigation outcomes listed below:



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FY 2020 BRIC Submissions and Selections

- **\$500 million** was made available for funding
- FEMA received requests for **\$3.6 billion** in applications, with total proposed project costs exceeding **\$5.49 billion**
- **991** subapplications were submitted
- **406** of the subapplications have been selected for further review
- Total project costs for selections exceed **\$1.18 billion**
- 53 states and territories applied and all had selections
- 40 tribes applied and 38 were selected for further review



<https://www.fema.gov/grants/mitigation/building-resilient-infrastructure-communities/fy2020-subapplication-status>

FY 2020 BRIC Competitive Selections: Competition



\$17.17 million average federal share



2 small and impoverished community projects



All infrastructure projects protecting lifelines

22 Projects Selected

18 projects include nature-based solutions



All projects selected came from applicants that had mandatory statewide adopted building codes



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FY 2020 BRIC Selections: Project Types

Project Types Selected:

- 12 Flood Control
- 4 Utility and Infrastructure Protection
- 2 Relocation
- 1 Elevation (Roadway)
- 1 Floodproofing
- 1 Saferoom/Shelter
- 1 Wildfire

12 Phased Projects

Top 5 project types total project costs:

1. Flood Control = \$550 million
2. Utility/Infrastructure Protection = \$91.3 million
3. Wildfire Management = \$49.3 million
4. Relocation = \$21.9 million
5. Saferoom/shelters = \$15.2 million



FY 2020 BRIC Selections: Small Impoverished Communities

- FEMA received 98 small impoverished communities subapplications
- FEMA **selected 46 project subapplications** totaling **\$39.2 million** in project costs
- For FY 2020, the number of small impoverished selections represents about **46.9%** of all small impoverished subapplications submitted, and **11.3%** of all subapplications selected

Small Impoverished Communities:

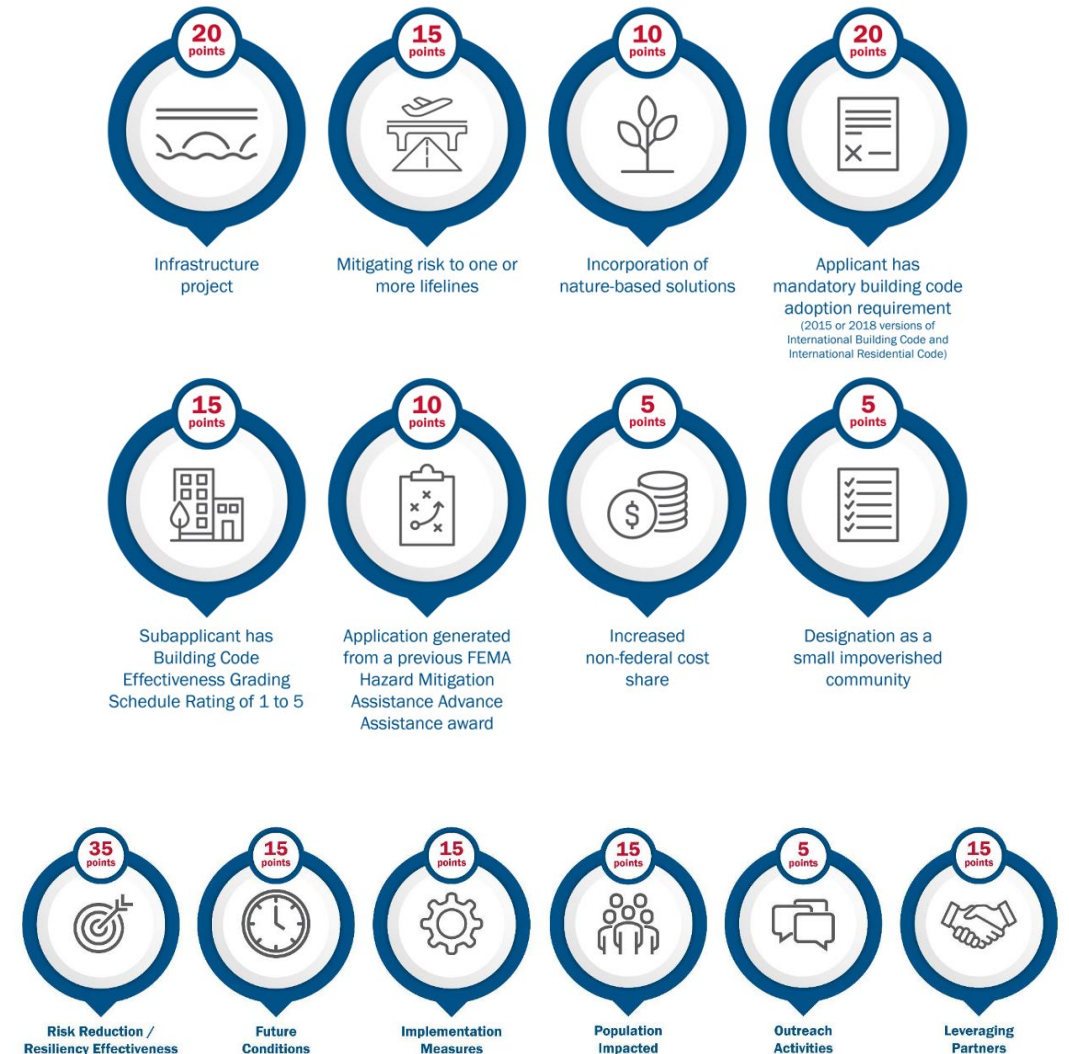
- Population < 3,000
- Residents with an average per capita annual income not exceeding 80 percent of the national per capita income

FY 2020 BRIC Selections: Best Practices

- Ensure eligibility requirements are met
- Maximize State/Territory Allocation and Tribal Set-Aside
- Review Technical and Qualitative Criteria

Projects Must:

- Be cost-effective
- Reduce/eliminate risk and damage from future natural hazards
- Meet latest two consensus codes
- Align with Hazard Mitigation Plan
- Meet all environmental and historic preservation (EHP) requirements



2021 BRIC and FMA Programs Webinar Series

Date and Time	Webinar Topic
July 28 2-3:30 pm ET	Climate Change, Future Conditions, and Nature-based Solutions
August 4 2-3:30 pm ET	BRIC and FMA FY 2020 Data and Trends
August 11 4-5:30 pm ET	BRIC and FMA FY 2021 NOFO Webinar #1
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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BRIC Program Support Materials

- [BRIC Website](#)
- [FY 2020 BRIC Notice of Funding Opportunity](#)
- [BRIC Technical Criteria](#)
- [BRIC Qualitative Criteria](#)
- [Mitigation Action Portfolio](#)
- [BRIC Building Code Activities](#)
- [BRIC Partnership Activities](#)
- [BRIC Project Scoping Activities](#)
- [BRIC Mitigation Planning Activities](#)
- [BRIC Direct Technical Assistance](#)
- [HMA Cost Share Guide](#)

Other Resources:

- Community Lifelines Implementation Toolkit: <https://www.fema.gov/media-library/assets/documents/177222>
- Benefit Cost Analysis (BCA): www.fema.gov/benefit-cost-analysis
- Hazard Mitigation Planning: <https://www.fema.gov/hazard-mitigation-planning>
- ISO Mitigation – Building Codes <https://www.isomitigation.com/bcegs/>
- FEMA GO – www.fema.gov/grants/guidance-tools/fema-go
- Sign up for BRIC and HMA Updates: https://public.govdelivery.com/accounts/USDHSFEMA/subscriber/new?topic_id=USDHSFEMA_477



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Thank you!



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