

FEMA Grant Programs

National Earthquake Hazards Reduction Program (NEHRP)

Advisory Committee on Earthquake Hazards Reduction (ACEHR)

Ryan Janda | March 3, 2022



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FEMA Mitigation Funding

Disaster Cycle Grant Programs



Public Assistance (PA) 406 Mitigation
FEMA's Public Assistance (PA) Division supports communities' recovery from major disasters by providing mitigation funding opportunities to restore and strengthen public infrastructure. HMA works to enhance coordination with PA.



Hazard Mitigation Grant Program (HMGP)
Implements long-term hazard mitigation measures after a major disaster declaration



HMGP Post-Fire
Helps communities implement hazard mitigation measures after wildfire disasters



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Annual Cycle Grant Programs



Flood Mitigation Assistance (FMA)
Reduces or eliminates the risk of repetitive flood damage to buildings and structures insured under the National Flood Insurance Program (NFIP)



Building Resilient Infrastructure and Communities (BRIC)
Supports the undertaking of new and innovative projects reducing the risks faced from disasters and natural hazards



Pre-Disaster Mitigation (PDM)
Funded pre-disaster hazard mitigation activities awarded in FY 2019 and earlier and replaced by the BRIC program for new funding in FY 2020

Seismic Projects are Eligible for Hazard Mitigation Assistance (HMA) Funding

- Earthquake risk reduction activities are eligible for funding under the Hazard Mitigation Grant Program (HMGP) and the Building Resilient Infrastructure and Communities (BRIC) program.
- The Disaster Recovery Reform Act (DRRA) Section 1233 allows funding to be leveraged to support building capability for earthquake early warning (EEW) systems through the following categories of activities:
 - Regional seismic networks
 - Geodetic networks
 - Seismometers, Global Positioning System receivers, and associated infrastructure
- Additional eligible activities, including seismic retrofits, are outlined in the Hazard Mitigation Assistance (HMA) Guidance (2015).



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Building Resilient Infrastructure and Communities (BRIC)

Building Resilient Infrastructure and Communities (BRIC) Overview

- BRIC aims to categorically shift the federal focus away from reactive disaster spending and toward research-supported, proactive investment in community resilience
- President Biden announced **\$1 billion** will be directed to BRIC for FY 2021
- In FY 2020, \$500 million was available
 - FEMA received requests for \$3.6 billion in applications



Guiding Principles

Support community capability and capacity building



Enable large infrastructure projects



Encourage and enable innovation



Maintain flexibility



Promote partnerships



Provide consistency



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BRIC Fiscal Year 2021 Priorities

- Mitigate the risk to public infrastructure
- Incentivize resilient investments in disadvantaged communities, as referenced in Executive Order 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

BRIC Applicant and Subapplicant Eligibility

Who is eligible for BRIC funding?

Applicants:

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

Subapplicants:

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



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BRIC FY 2020 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

22 Projects Selected in National Competition

\$17.17 million average federal share



All infrastructure projects protecting lifelines



18 projects include nature-based solutions



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



2 small and impoverished community projects



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

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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BRIC Eligible Activities

Existing Activities are Still Eligible



Hazard Mitigation Assistance Guidance

Hazard Mitigation Grant Program, Pre-Disaster Mitigation Program, and Flood Mitigation Assistance Program
February 27, 2015



Federal Emergency Management Agency
Department of Homeland Security
500 C Street, S.W.
Washington, DC 20472

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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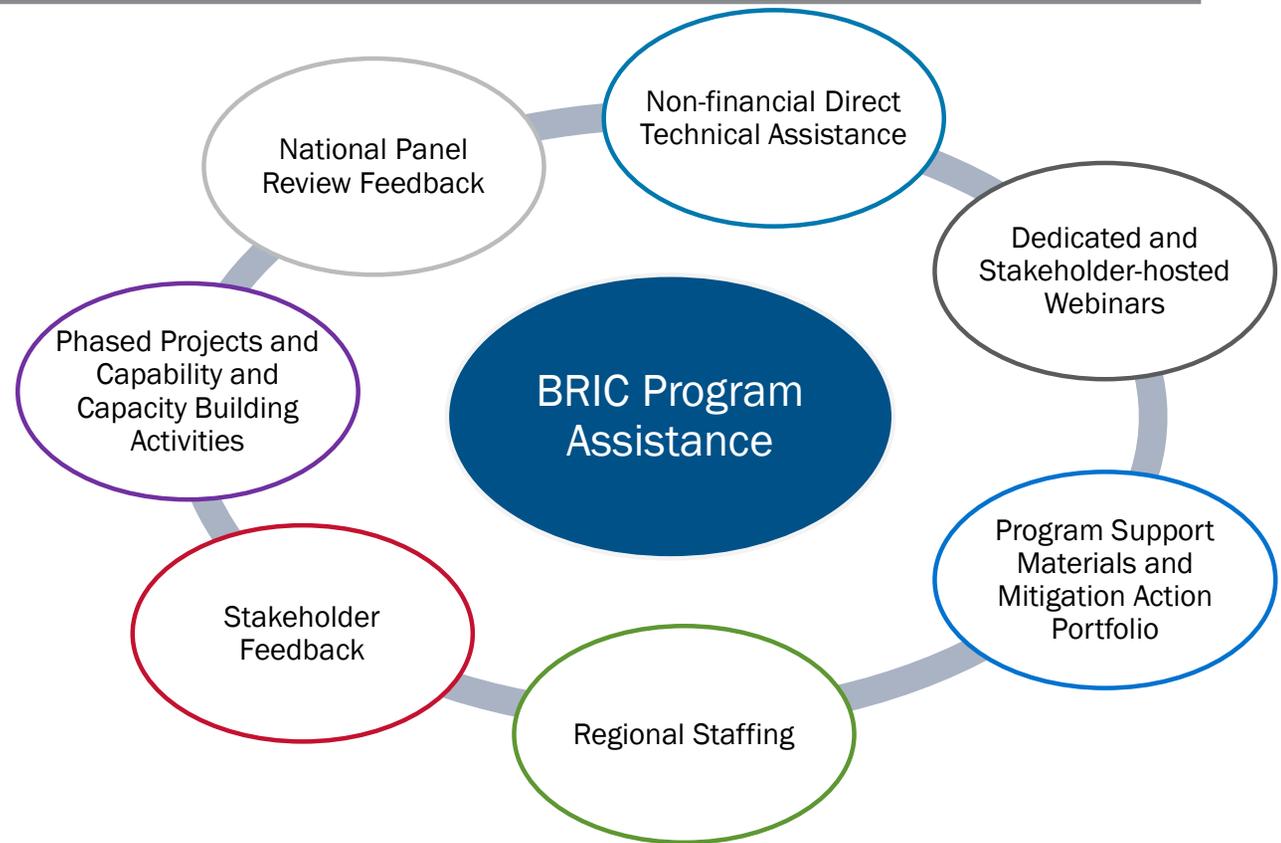
BRIC Capability- and Capacity- Building Activities



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BRIC Program Assistance

FEMA is working hard to provide technical assistance to states, local communities, tribes, and territories through a number of avenues:



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Example FY 2020 BRIC Selection: Saferoom/Shelter Project



Proposed site of a vertical tsunami evacuation tower in Westport, Washington

Westport Vertical Evacuation Structure Project

- **Issue:** The City of Westport, WA lies along the Cascadia Subduction Zone, which poses an earthquake and tsunami hazard. The marina area is at greatest risk for tsunami inundation due to a lack of high ground.
- **Benefits:** New structure provides evacuation shelter for the population of this economically disadvantaged community to escape flooding from severe storms and tsunami inundation.



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BRIC Program Support Materials

- [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](#)
 - [BRIC Project Application Tips](#)
 - [Mitigation Action Portfolio](#)

www.fema.gov/bric

Need Help?

General questions about the BRIC program can be directed to the appropriate [State Hazard Mitigation Officer](#) or [FEMA Regional Office](#).

- **General BRIC Questions and State Application Deadlines:**
[State Hazard Mitigation Officer](#)



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