



FEMA

HMA
Hazard Mitigation
Assistance

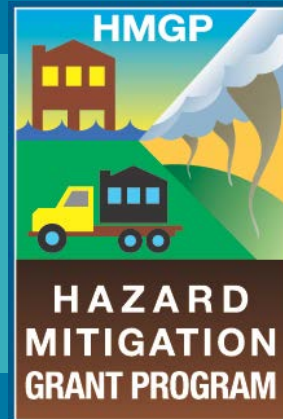
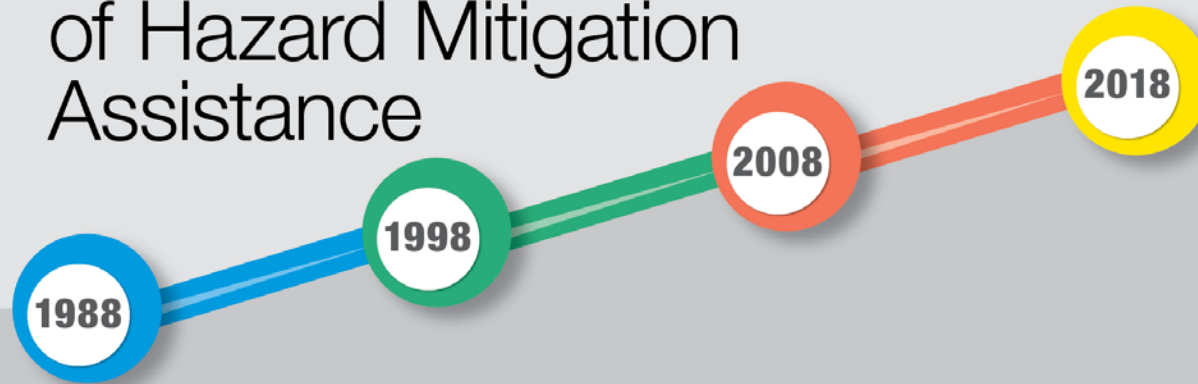
Moving Mitigation Forward: The Past, Present, and Future of HMA

Kayed Lakhia, Division Director

Hazard Mitigation Assistance, Mitigation Directorate | Federal Insurance and Mitigation Administration, FEMA

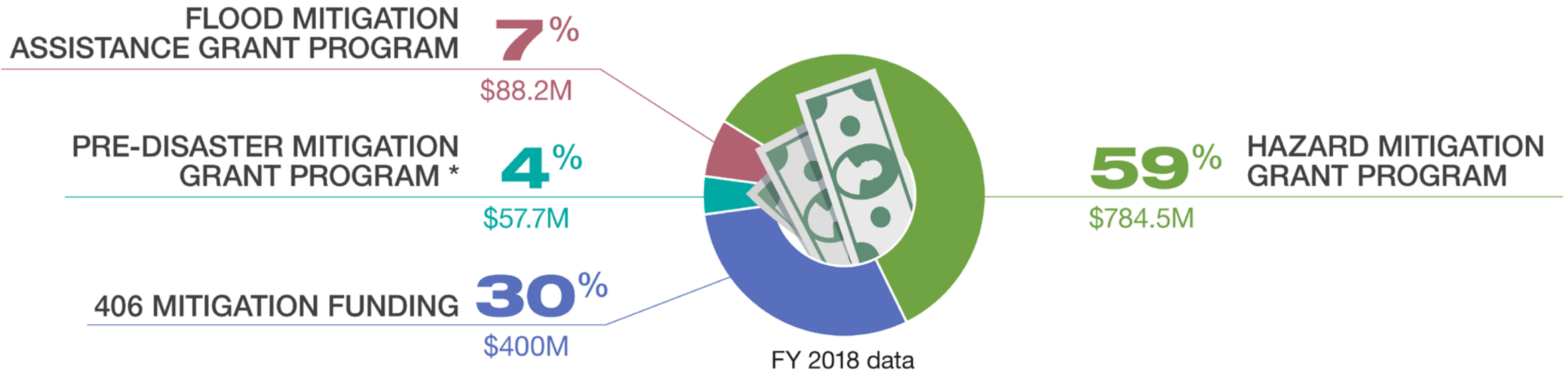
Hazard Mitigation Assistance Programs

30 Years
of Hazard Mitigation
Assistance



FY2018 HMA Funding

In FY 2018 more than **\$1.3B** in pre- and post-disaster **Hazard Mitigation Assistance Grants** was delivered to states, tribes, and territories, resulting in mitigation actions that will **reduce risk**



* This figure includes legacy PDM program funding

PDM FY18

\$249.2M

Allocated

579

Sub-applications

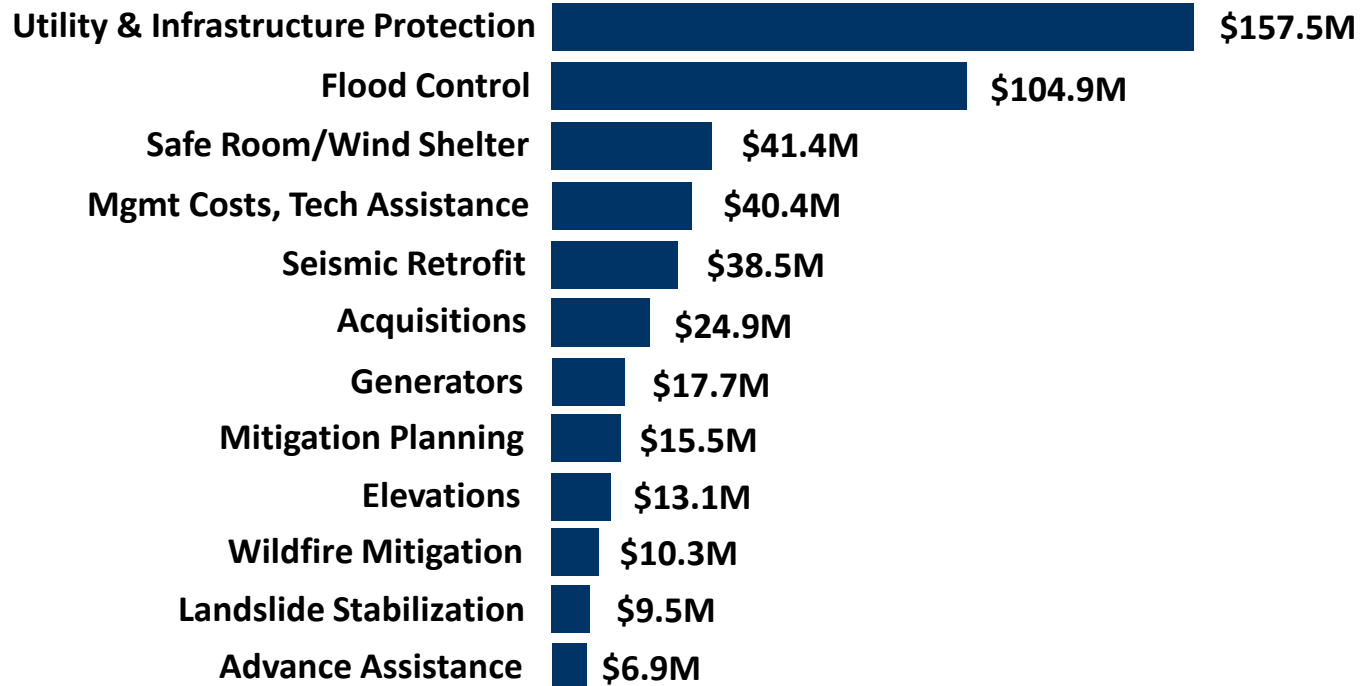
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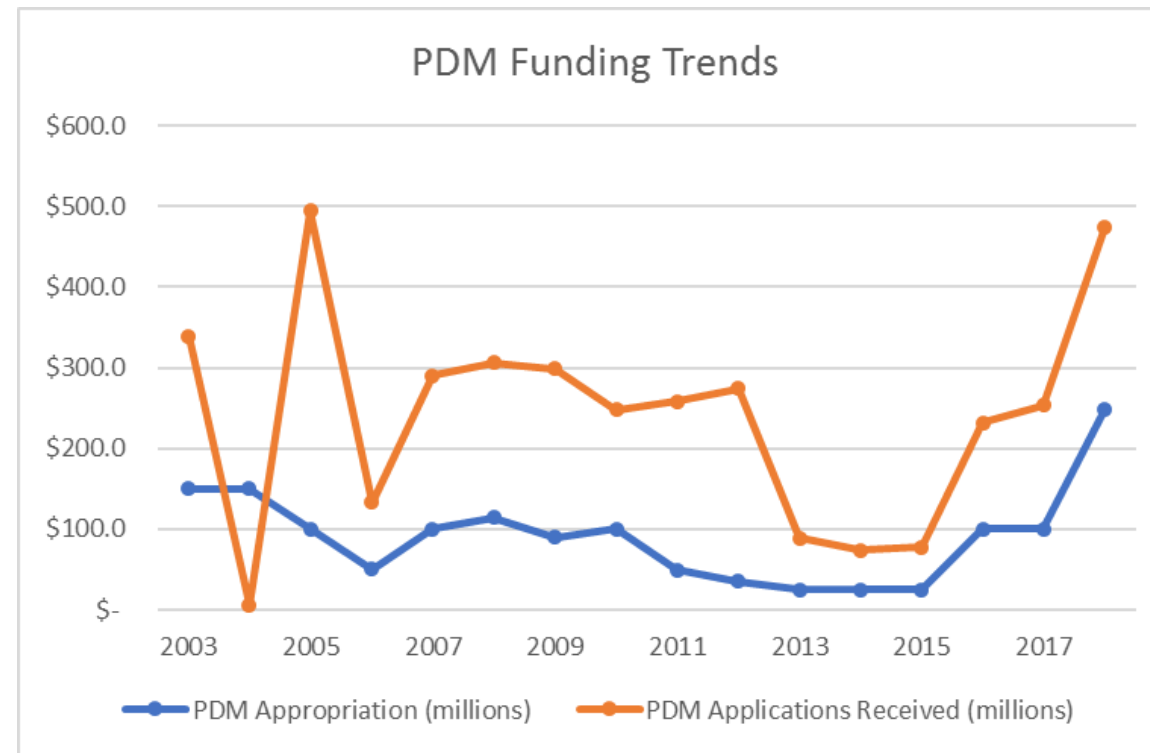
\$513M

Proposed Federal Share

Funding by Sub-application Type



PDM Funding Trends



FMA FY18

\$160M

Allocated

222

Sub-applications

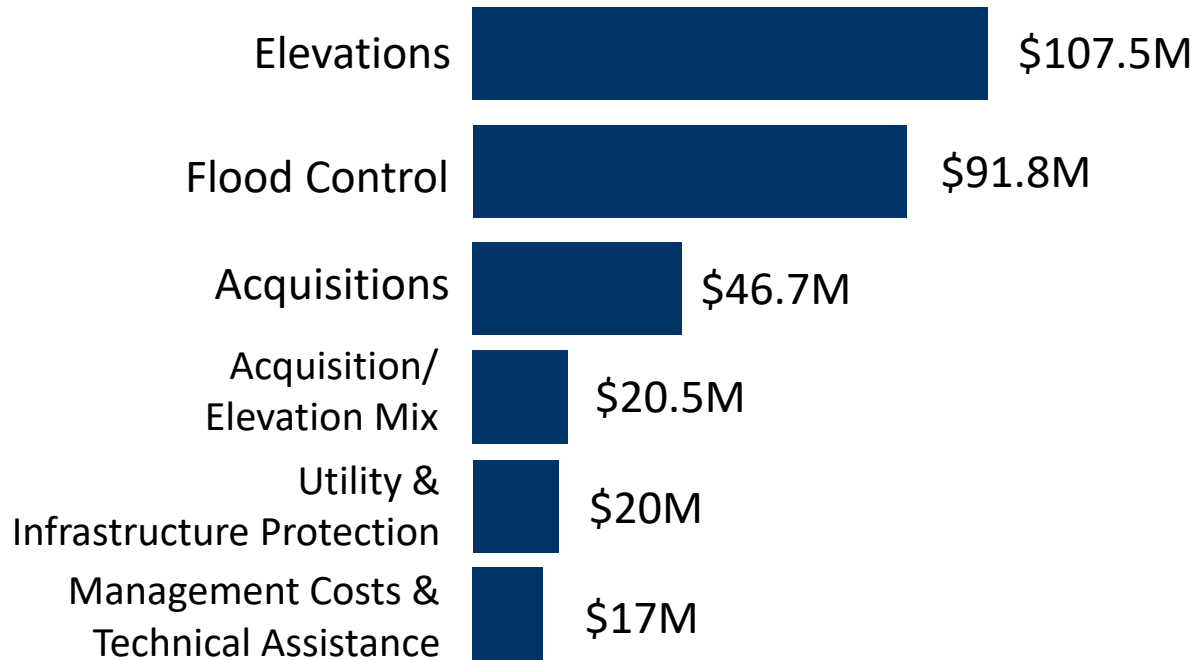
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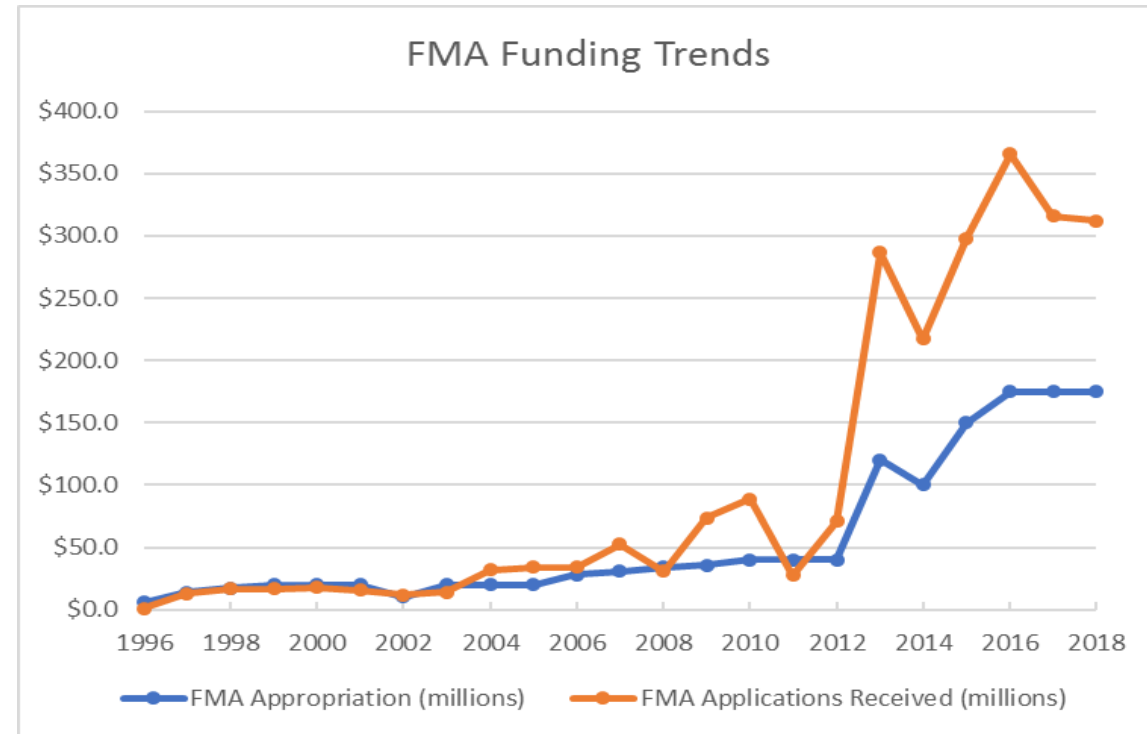
\$312M

Proposed Federal Share

Funding by Sub-application Type



FMA Funding Trends



FY18 Funding Distribution

PDM

- Total funding amount = \$250M
- Statutory allocation = \$31.6M
- Tribal set-aside = \$15M
- Resilient Infrastructure Competition = \$100M
- Traditional Competitive = \$68.6M
- Advance Assistance (Project Scoping) = \$20M

FMA






- Total funding amount = \$160M
- Community Flood Mitigation Projects = \$68M
- Remaining Priorities = \$90M
 - Technical Assistance
 - Flood HM Plans
 - Regular Competition (RL/SRL)
- Advance Assistance = \$2M

The Mitigation Opportunity

Natural Hazard Mitigation Saves



Natural Hazard Mitigation Provides the Nation \$6 in Benefit for Every \$1 Invested

National Benefit-Cost Ratio (BCR) Per Peril <small>*BCR numbers in this study have been rounded</small>	Beyond Code Requirements	Federally Funded
Overall Hazard Benefit-Cost Ratio	\$4:1	\$6:1
 Riverine Flood	\$5:1	\$7:1
 Hurricane Surge	\$7:1	Too few grants
 Wind	\$5:1	\$5:1
 Earthquake	\$4:1	\$3:1
 Wildland-Urban Interface Fire	\$4:1	\$3:1

This Interim Study quantified a number of benefits from mitigation, including reductions in:

- Future deaths, nonfatal injuries, and PTSD
- Repair costs for damaged buildings and contents
- Sheltering costs for displaced households
- Loss of revenue and other business interruption costs to businesses whose properties are damaged
- Loss of economic activity in the broader community
- Loss of service to the community when fire stations, hospitals, or other public buildings are damaged
- Insurance costs other than insurance claims
- Costs for urban search and rescue

Disaster Recovery Reform Act (DRRA)

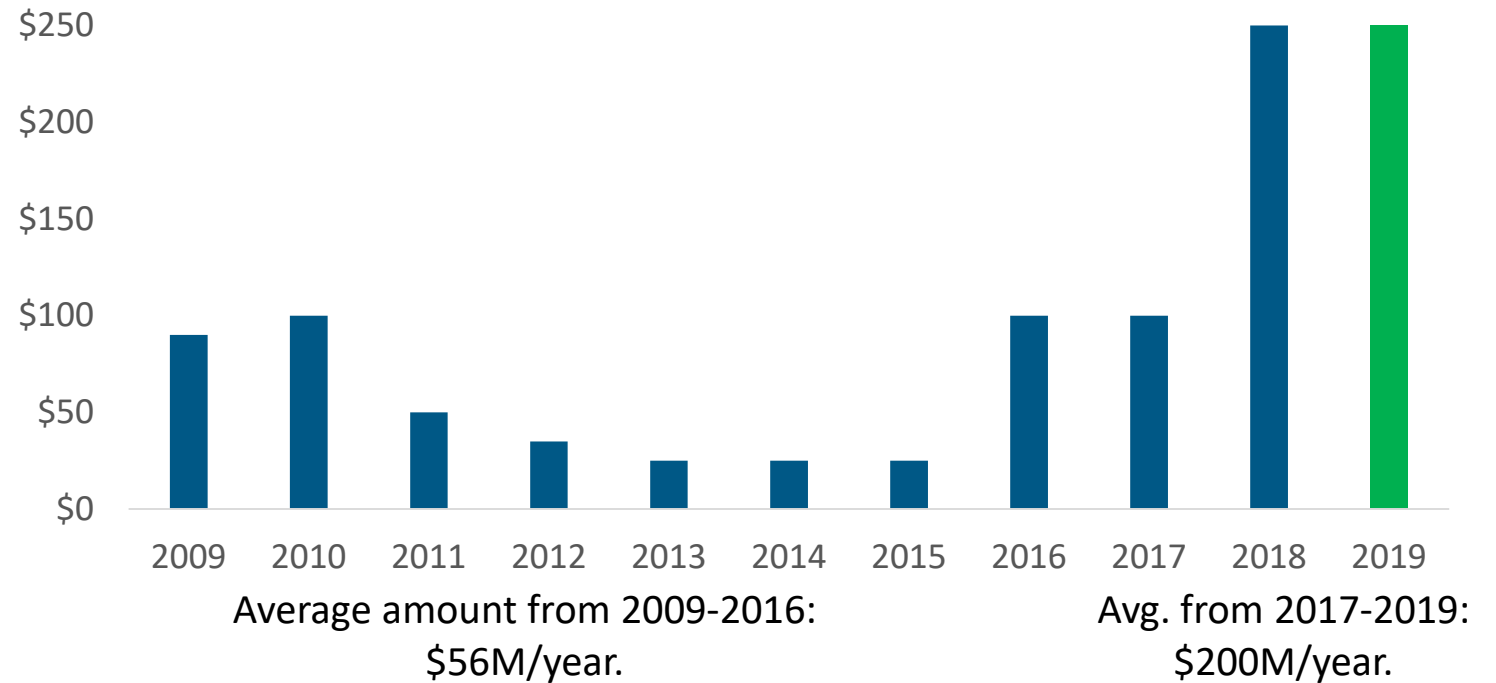


- ✓ Establishes more than 50 new authorities and requirements across FEMA
- ✓ Designed to address the rising costs of disasters and reform federal disaster programs
- ✓ The Mitigation Directorate is responsible for implementing 13 of the new provisions, over half of which directly impact Hazard Mitigation Assistance programs

DRRA Section 1234: Building Resilient Infrastructure and Communities (BRIC)

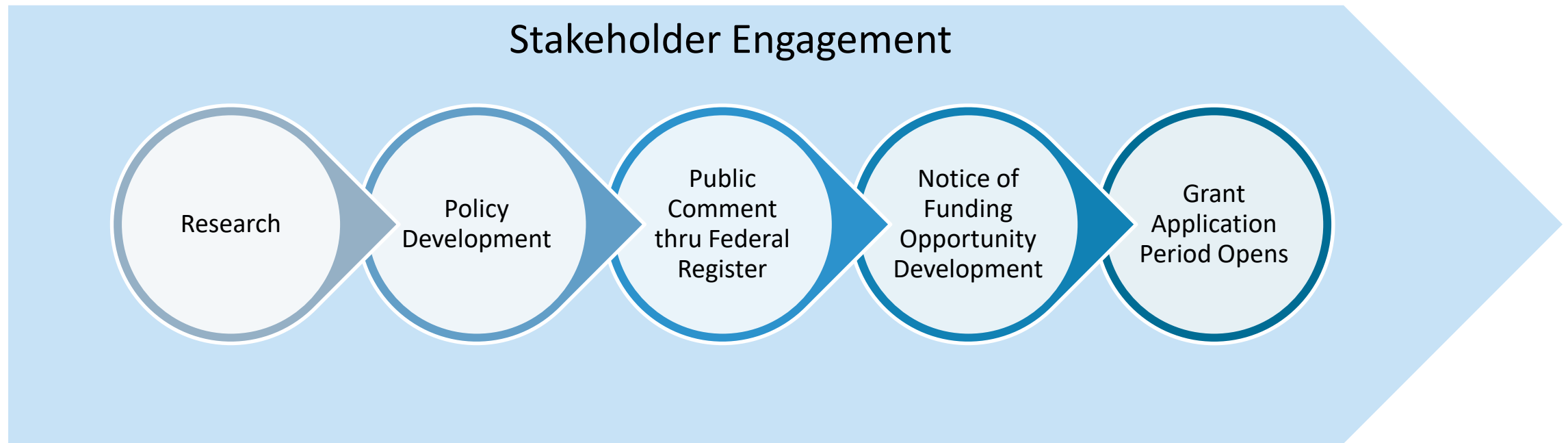
- ✓ Leverage 6% set-aside funding mechanism
- ✓ Encourage community-wide mitigation of critical lifelines
- ✓ Prioritize resilient infrastructure projects
- ✓ Competitive, risk-informed projects
- ✓ Build capacity and capability
- ✓ Support building code efforts

Since 2009, FEMA has received approximately \$1 billion in Pre-Disaster Mitigation grant appropriations, of which 48% has been in the last 2 years.



Funds will vary based on disasters. FIMA estimates that annual funds will average \$300-500M per year, with significantly greater amounts following years with catastrophic disasters.

BRIC Program Design Process





FEMA

HMA
Hazard Mitigation
Assistance

Thank you!



#ASFPM2019



BRIC Inbox: BUILDBRIC@fema.dhs.gov

BRIC Ideascale: <https://fema.ideascale.com/>

eGrants Help: mtegrants@fema.dhs.gov | 1-855-228-3362

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Benefit Cost Help: bchelp@fema.dhs.gov | 1-855-540-6744