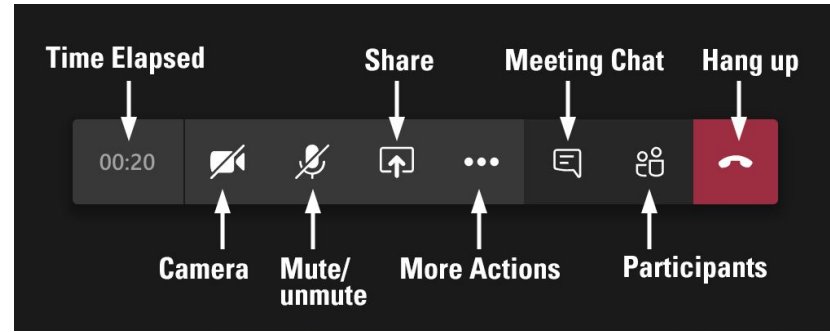
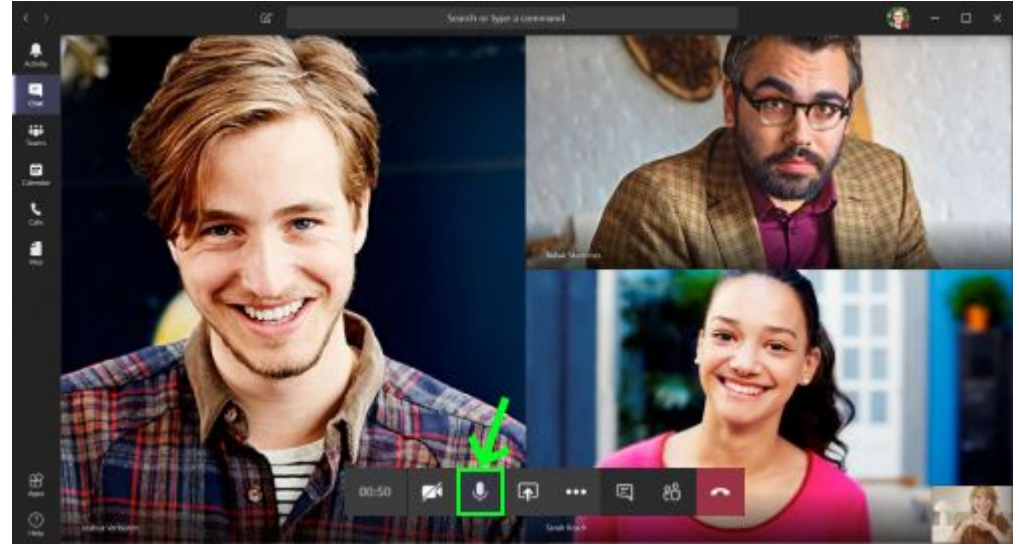


BRIC and FMA Technical Assistance: Project Scope

Hazard Mitigation Branch

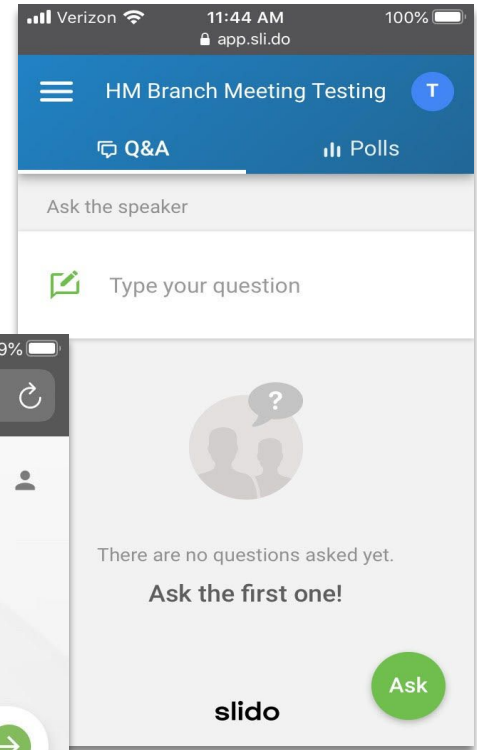
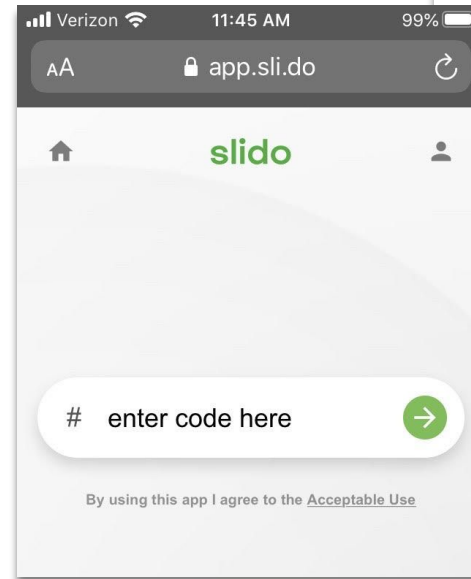
Logistics

- The meeting is being recorded.
- Mute your microphone and turn off your camera when not speaking.
- Utilize the hand raise feature on MS Teams or enter questions through Slido.



Interacting with Slido

- Please visit **slido.com** and enter meeting #**SCOPING** to participate in the interactive components of this meeting.
- Submit questions through the Slido Q&A throughout the meeting. They will be answered at the end of the presentation.
- You will be able to read submitted questions and “like” them to send them to the top of the list to be answered.



Overview

- Differences/Similarities of Grant Programs
- Eligibility Requirements
- Activity Identification
- Scoping Narrative
 - Scope of Work
 - Schedule
 - Budget
- Evaluation
- Wrap-up



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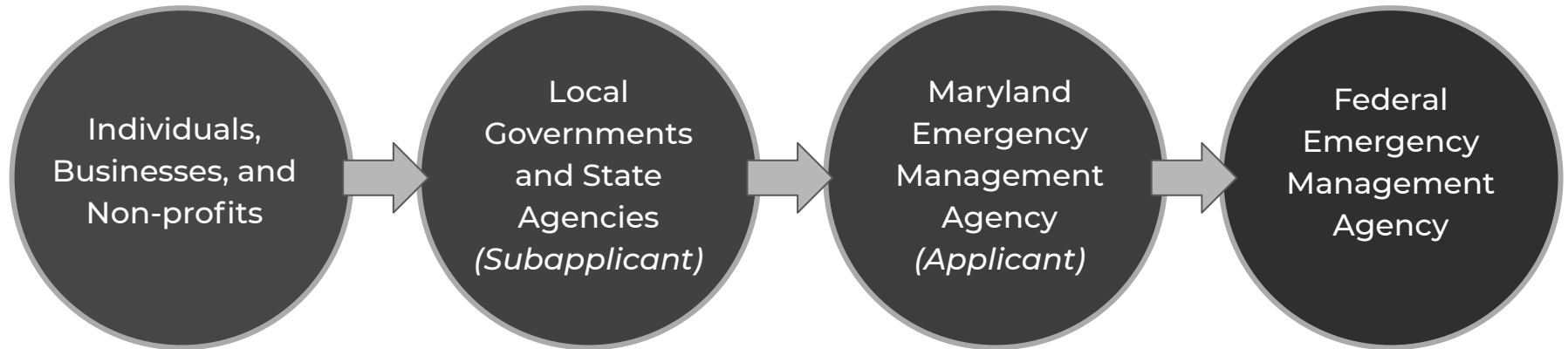
What grant programs do you have prior experience applying for?

 Start presenting to display the poll results on this slide.

	BRIC and FMA	Other Grants
Who do I submit my application to?	Submit subapplication to MEMA (Applicant/Recipient) then MEMA submits to FEMA (Grantor).	Directly to the Grantor.
What is the deadline to submit an application?	Subapplications are due to MEMA by Nov. 20, 2020. MEMA must submit to FEMA by Jan. 29, 2021 and FEMA stops offering technical assistance to States on Jan. 27, 2021.	Typically 1 deadline to submit to Grantor.
Can I apply for more than one project?	Yes, but some restrictions apply regarding the maximum total funding to each subapplicant.	Maybe limited on the number of applications you may submit.
Can I apply for subsequent years? (ie. FY20 and then FY21)	Yes, but each proposal must be standalone.	Grant may not be offered annually or once funding is received you must complete project before reapplying.
Where can I learn more about the specifics of the program?	Read the Notice of Funding Opportunity (NOFO) published on grants.gov.	Read the Request For Proposals.

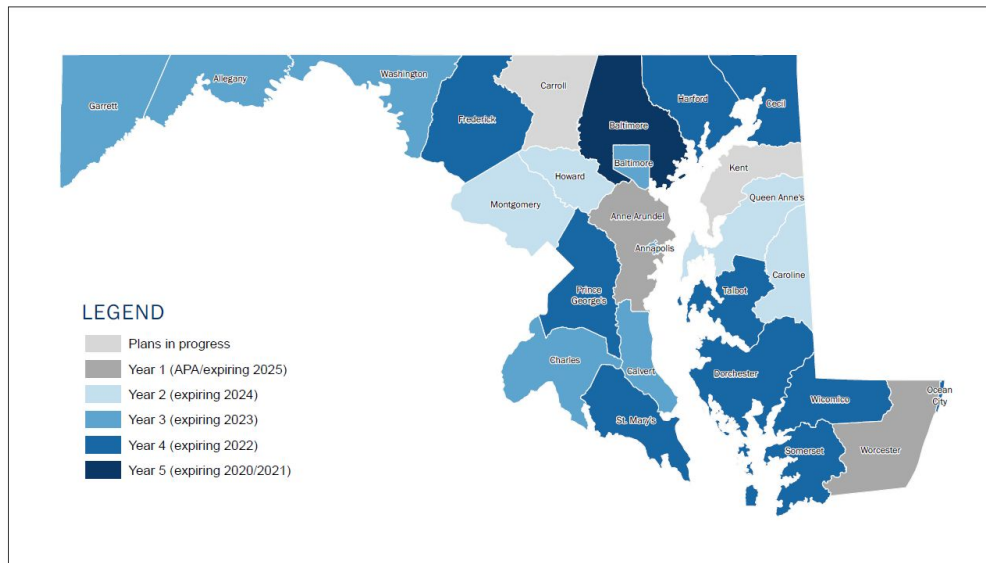
Subapplicant Eligibility

Individuals, businesses and nonprofits are unable to apply directly for a grant. **Local governments and State agencies are eligible subapplicants** and must sponsor a proposed project from ineligible entities.



Subapplicant Eligibility: Local Hazard Mitigation Plan

- Subapplicants must have a **FEMA-approved Hazard Mitigation Plan** by the application deadline (Jan. 29) and at the time of obligated funding.
- Additional requirements for both FMA and BRIC can be found within the respective Notice of Funding Opportunity.
- Look up the status of local plans:
<https://maryland.maps.arcgis.com/apps/Embed/index.html?appid=61ca4db7f7b3437ab0537d12ce18ac87>

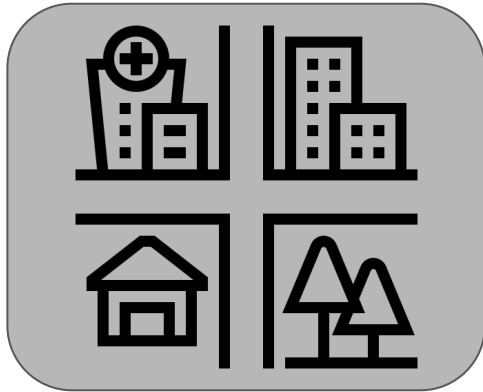


MARYLAND - CURRENT HAZARD MITIGATION PLAN STATUS
AS OF AUGUST 20, 2020

Prepared by Resilience Action Partners (CERC)
Projection: Geographic NAD 83
Data Sources: ESR, FEMA - MPP 8/20/2020



Subapplicant Eligibility: Building Codes



- To be eligible the applicant must have adopted the 2015 or 2018 International Building Code (IBC) and International Residential Code (IRC).
- Only applies for projects (ie. construction activities).
- Locate your local building code official: <https://www.dllr.state.md.us/labor/build/buildlocal.shtml>

Activity Eligibility


Existing project types detailed in the Hazard Mitigation Assistance Guidance for the Pre-Disaster Mitigation grant program are still eligible under BRIC.

Projects must:

- Be cost-effective
- Reduce or eliminate risk and damage from future natural hazards
- Meet either of the two latest International Building Code and International Residential Code
- Align with the applicable local and state hazard mitigation plans
- Meet all environmental and historic preservation (EHP) requirements

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What concerns do you have about the subapplication process?

 Start presenting to display the poll results on this slide.

Activity Identification

As you develop your project consider the following in order to develop the best and preferred project:

- Identify alternatives
- Evaluate technical feasibility
- Evaluate effectiveness
- Review costs
- Identify potential adverse environmental and historic impacts

Ensure you properly document this process in order to strengthen your application.



C&CB ACTIVITIES



ENHANCE KNOWLEDGE, SKILLS, EXPERTISE OF CURRENT WORKFORCE OR EXPAND / IMPROVE THE ADMINISTRATION OF MITIGATION ASSISTANCE:

- Building codes
- Partnerships
- Project scoping (formerly advanced assistance)
- Mitigation planning / planning related activities
- Other

ACTIVITY INFORMATION REQUIRED

SCOPE, SCHEDULE, BUDGET, LOCATION, DESIRED OUTCOMES:

- **SCOPE:** Detailed description aligned to budget and schedule. How will effort be implemented?
- **ALIGNMENT TO MITIGATION PLAN**
- **LIFELINE:** Mitigating which lifeline(s)
- **HAZARD:** Protection from what?
- **OUTCOME:** What will plan, scoping, partnership, BC effort produce
- **SCHEDULE:** Task level, including go-no-go milestones
- **BUDGET:** Cost, budget class, management costs
- **FED / NON-FED SHARE:** Proposed shares, ID of non-federal funding source

FEMA BCA REQUIRED

NONE

PROJECT ACTIVITIES



MITIGATION PROJECT "CONSTRUCTION" INVOLVED:

- All previously eligible PDM project types
- Examples provided in HMA Portfolio

SCOPE, SCHEDULE, BUDGET, LOCATION, DESIRED OUTCOMES:

- **SCOPE:** Detailed description aligned to budget and schedule. How will effort be implemented?
- **ALIGNMENT TO MITIGATION PLAN**
- **LOCATION:** Address and lat/long
- **LIFELINE:** Mitigating which lifeline(s)
- **HAZARD:** Protection from what?
- **OUTCOME:** Describe mitigated outcome of project
- **SCHEDULE:** Task level, including go-no-go milestones
- **BUDGET:** Cost, budget class, management costs
- **FED / NON-FED SHARE:** Proposed shares, ID of non-federal funding source

FEMA BCA VERSION 6.0

- Data required to support
- Were nature-based benefits used?
- Were environmental, social benefits used? SLR incorporated?

Pre-calculated benefit for:

- Acquisitions, elevations, mitigation recon in SFHA
- Individual tornado safe room
- Residential hurricane wind retrofits
- Non-residential hurricane wind retrofits

C&CB ACTIVITIES



EHP INFO REQUIRED

**NO ADDITIONAL INFORMATION
ANTICIPATED TO BE REQUESTED**

PROJECT ACTIVITIES



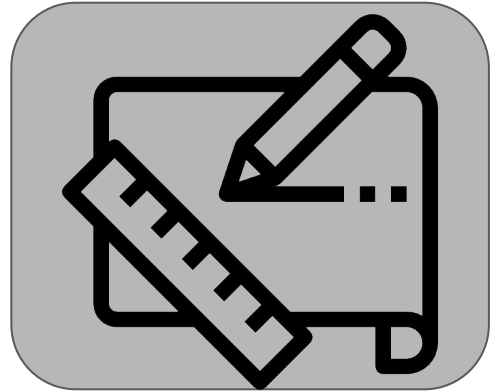
- **HISTORIC STRUCTURES:** List and proximity to site
- **GROUND DISTURBANCE:** Map showing limits
- **ENDANGERED SPECIES:** List in the project area, correspondence with USFWS, NMFS, or state
- **VEG REMOVAL:** Describe
- Near or affecting **WATERWAY OR BODY OF WATER:**
 - ▷ Map
 - ▷ Correspondence with USFWS and/or state
 - ▷ NWI Map showing limits of dredging/excavation/fill to waterways or wetlands
 - ▷ If alters watercourse/flow: H&H data
- **FIRM:** Map
- **COASTAL ZONE:** Documentation with state agency on project conformance with coastal zone management program.
- **HAZARD AND TOXIC MATERIALS:** Documentation of any consultations with state or local agencies for permitting and handling/disposing
- **ENVIRONMENTAL JUSTICE:** Describe population affected and portion that would be disproportionately and/or adversely affected
- **EHP MITIGATION COSTS:** Included in budget?

Scoping Narrative

The scoping narrative describes the proposed activity and includes three main elements

- Scope of Work
- Schedule
- Budget

BRIC and FMA subapplications are submitted to national review panels. Write your narrative as if the reviewer has never heard about Maryland before.



Scope of Work

The Scope of Work includes

- The goals and objectives of the proposed project
- A brief description of the need for the project
- The problems that the project will address
- The methodology that will be used to implement the project



FEMA has different requirements for project and planning SOWs.

Questions for Consideration for Projects

- What is the proposed project?
- Who will benefit from the mitigation activity?
- How will the activity solve the problem?
- Why is this the best alternative?
- Where is the project located?
- When would the project take place?
- Who is managing and performing the work?
- Will there be long-term maintenance and associated costs?

Questions for Consideration for Planning Activities

- What were the recommendations for areas of improvement from the last Plan?
- What are your sources for data? Do you have data gaps?
- What needs to be updated?
- What do communities want to address?
- How many jurisdictions will be participating?
- How many meetings and workshops will you hold?
- Are you integrating the Plan update with other planning processes?
- Are you hiring a consultant?
- Are there public assets not included in the current approved HMP?
- Are there private assets not included in the current approved HMP?
- What is known about exposed assets, that may affect vulnerability and impacts?

Schedule

The schedule includes

- Deliverables
- Key Milestones (Go/No-Go)
 - Major milestone that if not complete on time may result in a cancellation of the subaward.
 - Progress towards milestone must be reported quarterly upon award approval.
- Deadlines
- Responsible Party
- Period of Performance is 36 months
 - For highly complex BRIC projects a request for a longer POP may be submitted in the subapplication for FEMA review and approval. Consult MEMA prior to requesting a POP longer than 36 months.

Budget

The budget includes:

- No lump sums
- Pre-award costs
- Management costs
- Contingency Costs
- Cost Share

	BRIC	FMA
Standard	75% Fed / 25% Non-Fed	75% Fed / 25% Non-Fed
Small, impoverished community	90% Fed / 10% Non-Fed	90% Fed / 10% Non-Fed
Repetitive Loss	N/A	90% Fed / 10% Non-Fed
Severe Repetitive Loss	N/A	100% Fed

Allowable Costs

- Pre-Award Costs
 - Costs directly related to developing the application or subapplication
 - Incurred prior to the date of the grant award
 - Identify as a line item
 - Only reimbursed if the project is awarded
- Management Costs
 - Indirect costs, any direct administrative costs, and other administrative expenses that are reasonably incurred in administering a subaward
 - Max 5% of total project cost
 - FEMA will provide 100% federal funding

MEMA Ranking Criteria

Category	Weight
State Priorities	20%
Risk Reduction of Hazards	10%
Construction and Advance Assistance Activities only	20%
Hazard Mitigation Planning only (All Hazard and Flood Plans)	20%
Cost Effectiveness	10%
Performance Measurement	10%
Subapplication Completeness	7.5%
Vulnerability Consideration	7.5%
Mitigation Advisory Committee Overall Rating	15%

FEMA Technical and Qualitative Evaluation Criteria

- FEMA will score subapplications that pass the eligibility and completeness programmatic review.
- Technical evaluation criteria will be used as a priority screening tool.



Technical Evaluation

- The technical evaluation criteria offers incentives for elements valued by FEMA.
- Projects either receive the full points allotted or zero points for each criterion.

Technical Evaluation Criteria for the National Competition	
Criteria	Potential Total Points
Infrastructure project	20
Mitigating risk to one or more lifelines	15
Incorporation of nature-based solutions	10
Applicant has mandatory building code adoption requirement (2015 or 2018 versions of International Building Code and International Residential Code)	20
Subapplicant has Building Code Effectiveness Grading Schedule (BCEGS) Rating of 1 to 5	15
Application generated from a previous FEMA HMA Advance Assistance Award	10
Increased non-federal cost share	5
Designation as a small impoverished community (as defined in the BRIC Policy and referenced in 42 U.S.C. § 5133(a))	5

Qualitative Evaluation

- The qualitative criteria are narrative submissions to allow subapplicants the flexibility to fully explain the strengths of the proposed project.
- Qualitative evaluation criteria have graded scales of point scoring.

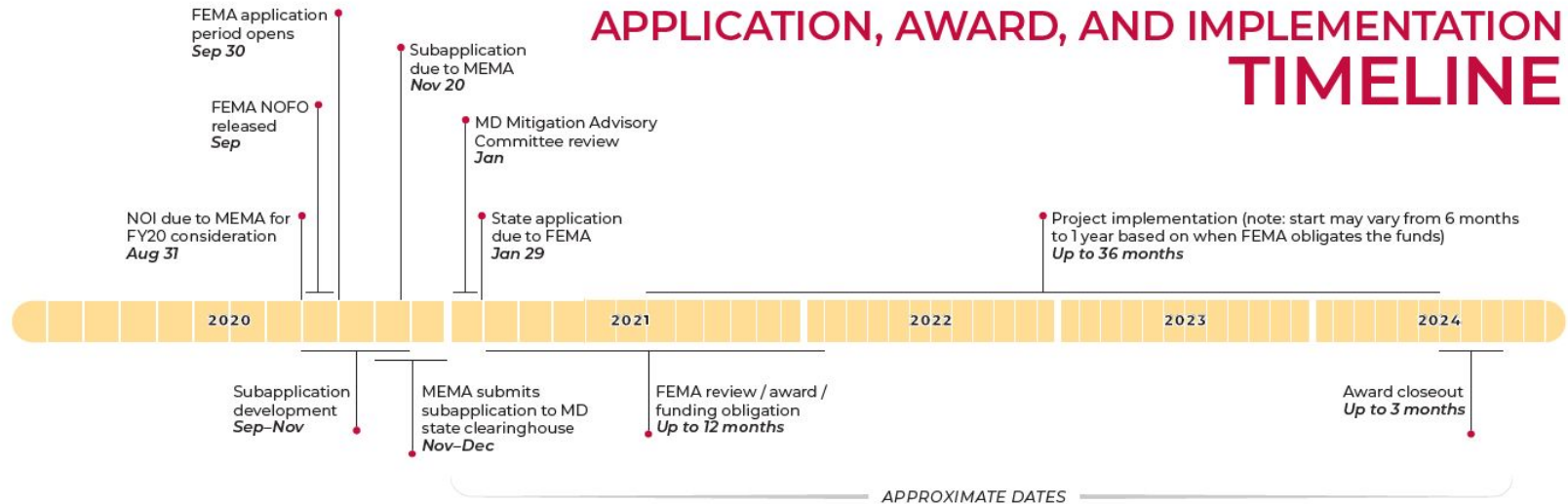
Qualitative Evaluation Criteria for the National Competition		
Topic	Criteria	Potential Total Points
Risk Reduction/Resiliency Effectiveness	The subapplication details how the project will effectively reduce risk and increase resilience (including the benefits quantified in the BCA), realize ancillary benefits, and leverage innovation.	35
Future Conditions	The subapplication describes how the project will anticipate future conditions (population/demographic/climate changes, sea level rise, ¹ etc.) and cites data sources, assumptions, and models.	15
Implementation Measures	The subapplication adequately describes how the costs and schedule will be managed, how the project will be successfully implemented, and how innovative techniques to facilitate implementation will be incorporated. The project's scope of work identifies sufficient technical and managerial staff and resources to successfully implement this project.	15
Population Impacted	The project subapplication demonstrates community-wide benefits and identifies the proportion of the population that will be impacted. The Application also describes how impacts (positive or negative) to socially vulnerable populations informed project selection and design.	15
Outreach Activities	The subapplication describes outreach activities appropriate to the project that advance mitigation. The subapplication also outlines the types of community planning processes leveraged during project conception and design and identifies the level of public support obtained during the engagement process.	5
Leveraging Partners	The project subapplication incorporates state, tribal, private, and local community partnerships that will enhance its outcome and describes the extent of those partnerships, such as having an increased non-federal cost share, multi-jurisdictional projects, etc.	15

Takeaways

Scope of Work	Schedule	Budget
<ul style="list-style-type: none">● Identifies tasks and action items● Specifies deliverables● Identifies key staff● EHP conformance documented● Demonstrates technical feasibility● Demonstrates effectiveness (engineering design, etc.)	<ul style="list-style-type: none">● Consistent with SOW● 3 years or less*● Identifies key milestones● Reasonable and achievable <p>*May be extended if granted prior approval.</p>	<ul style="list-style-type: none">● Consistent with SOW● Cost-effective Benefit Cost Ratio of 1.0+● Cost share<ul style="list-style-type: none">○ 75% Federal○ 25% Non-Federal● Line item breakdown

Reminders

- Send FEMA GO registration information to mitigation.mema@maryland.gov
 - POC name and email address, roles, and DUNs #
- Subapplications due to MEMA in FEMA GO no later than November 20, 2020




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Have you registered in FEMA GO?

 Start presenting to display the poll results on this slide.

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Audience Q&A Session

 Start presenting to display the audience questions on this slide.



Maryland

EMERGENCY MANAGEMENT
AGENCY

The mission of the Maryland Emergency Management Agency is to proactively reduce disaster risks and reliably manage consequences through collaborative work with Maryland's communities and partners.

mitigation.mema@maryland.gov