Building Resilient Infrastructure in Communities

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I. BUILD A CULTURE OF PREPAREDNESS

1.1 Incentivize investments that reduce risk, including pre-disaster mitigation, and reduce disaster costs at all levels

1.2 Close the insurance gap

1.3 Help people prepare for disasters

1.4 Better learn from past disasters, improve continuously, and innovate

II. READY THE UNITED STATES FOR CATASTROPHIC DISASTERS

2.1 Organize the “BEST” (Build, Empower, Sustain, and Train) scalable and capable incident workforce

2.2 Enhance intergovernmental coordination through FEMA Integration Teams

2.3 Posture FEMA and the whole community to provide life-saving and life-sustaining commodities, equipment, and personnel from all available sources

2.4 Improve continuity and resilient communications capabilities

III. REDUCE THE COMPLEXITY OF FEMA

3.1 Streamline the disaster survivor and grantee experience

3.2 Mature the National Disaster Recovery Framework

3.3 Develop innovative systems and business processes that enable FEMA’s employees to rapidly and effectively deliver the agency’s mission

3.4 Strengthen grants management, increase transparency, and improve data analytics

FEMA Vision: A prepared and resilient United States.
Major Initiatives

- Building Resilient Infrastructure & Communities (BRIC) Grant Program
- Reforming and Boosting Insurance Coverage
- Helping People Prepare for Disasters

### National Benefit-Cost Ratio Per Peril

*BCR numbers in this study have been rounded

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Federally Funded</th>
<th>Beyond Code Requirements</th>
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</thead>
<tbody>
<tr>
<td>Riverine Flood</td>
<td>7:1</td>
<td>5:1</td>
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<tr>
<td>Hurricane Surge</td>
<td></td>
<td>7:1</td>
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<tr>
<td>Wind</td>
<td>5:1</td>
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<tr>
<td>Earthquake</td>
<td>3:1</td>
<td>4:1</td>
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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
- More than 25% of the new DRRA provisions relate to Hazard Mitigation Assistance programs
Building Resilient Infrastructure & Communities (BRIC)

DRRA Section 1234

- 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.

Average amount from 2009-2016: $56M/year.

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.
Mitigation Works!

Typhoon Yutu, The Northern Mariana Islands, 2018
QUESTIONS?