

Where Are We Now?

Where Are We Going?:

Rebuilding and Recovering After Hurricanes Hermine and Matthew

National Association of Counties

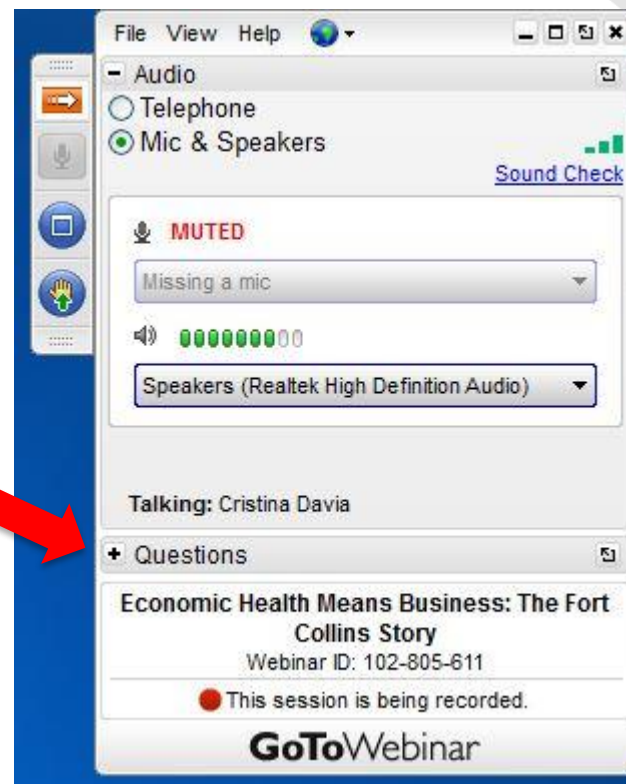
March 16, 2017

Stronger Counties. Stronger America.



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- The questions box and buttons are on the right side of the webinar window.
- This box can collapse so that you can better view the presentation. To unhide the box, click the arrows on the top left corner of the panel.
- If you are having technical difficulties, please send us a message via the questions box on your right. Our organizer will reply to you privately and help resolve the issue.

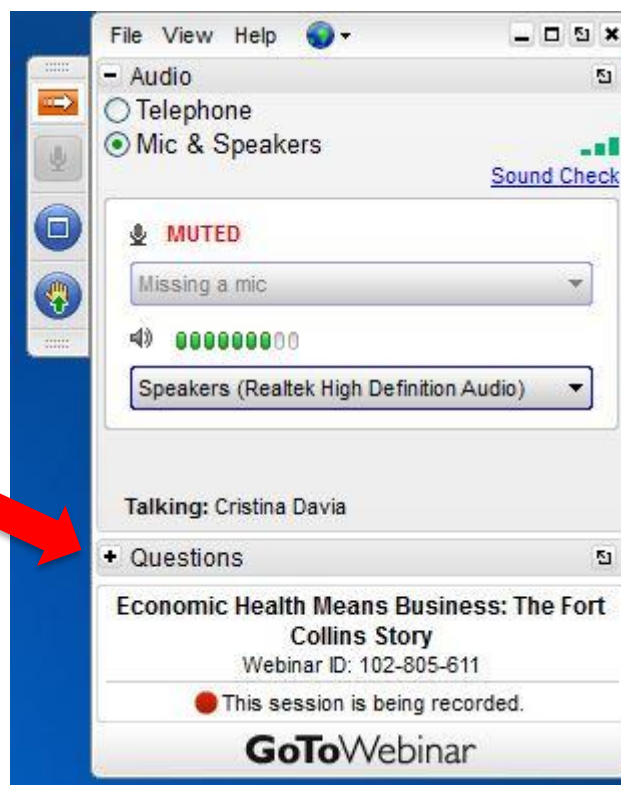


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- This webinar is being recorded and will be made available online to view later or review at www.naco.org/webinars.
- After the webinar, you will see a pop-up box containing a webinar evaluation survey. Thank you in advance for completing this survey – your feedback is very important to us!

Question & Answer instructions

- Type your question into the “Questions” box at any time during the presentation, and the moderator will read the question on your behalf during the Q&A session.



Where Are We Now?

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Stronger Counties. Stronger America.



Today's Moderator



Margaret Larson
Emergency Management Services
EY

Where are we Now: Where are We Going? Rebuilding and Recovering after Hurricanes Hermine and Matthew

National Association of Counties Webinar

March 16, 2017

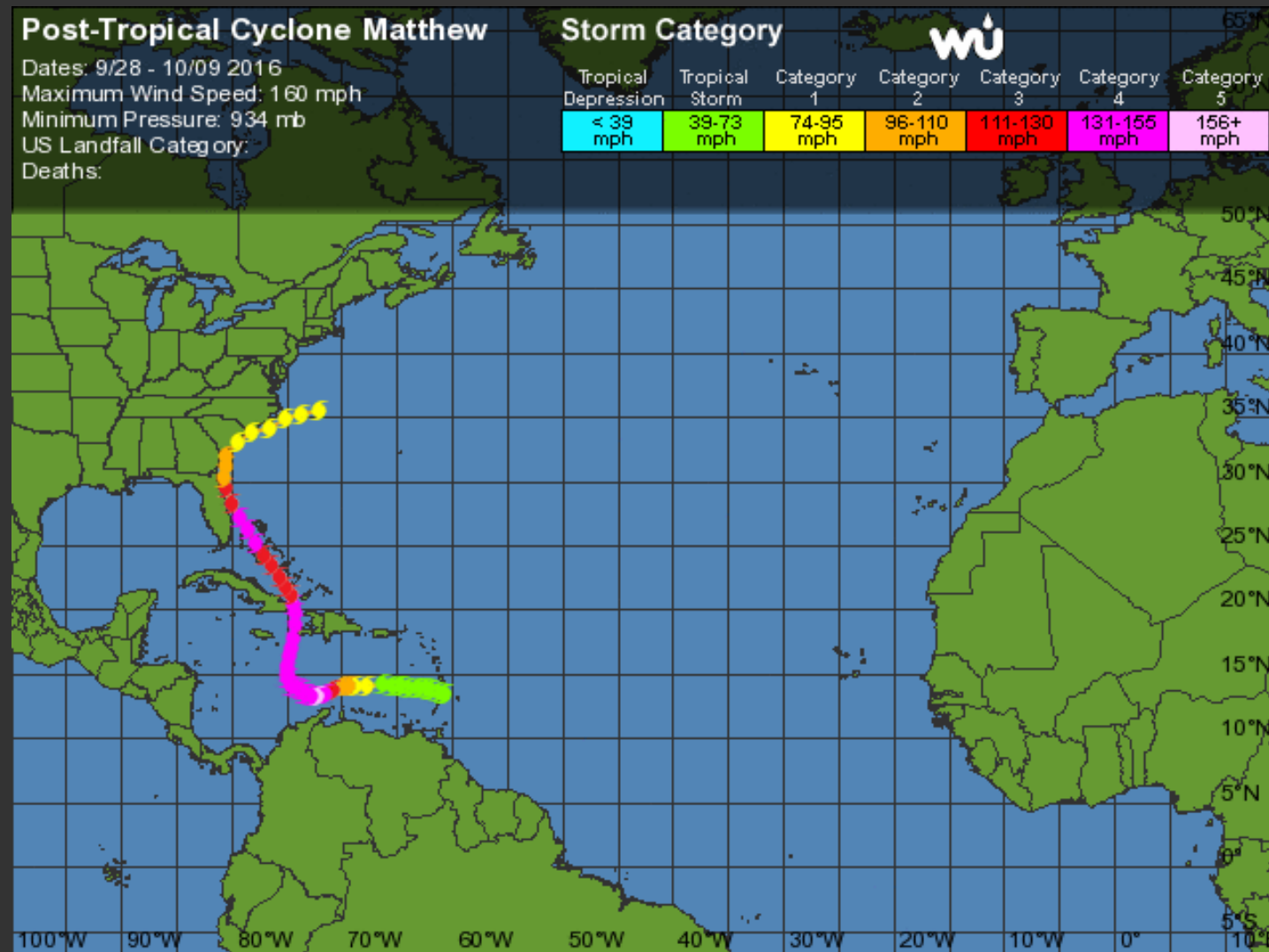
What We will Discuss Today

- ▶ Hermine and Matthew – Where Did it Hit
- ▶ Lessons Learned and Applied
- ▶ Facts, Myths and Legends
- ▶ Recovery process- FEMA's Public Assistance and Mitigation Programs
 - ▶ What's new
 - ▶ Compliance
 - ▶ Methods to minimize disruptions
 - ▶ How to keep the financial side of recovery moving forward
- ▶ Varying options for post-disaster rebuilding-
 - ▶ How they differ, the methods for pursuing and various challenges that may arise throughout the process.

Hurricane Hermine - Florida



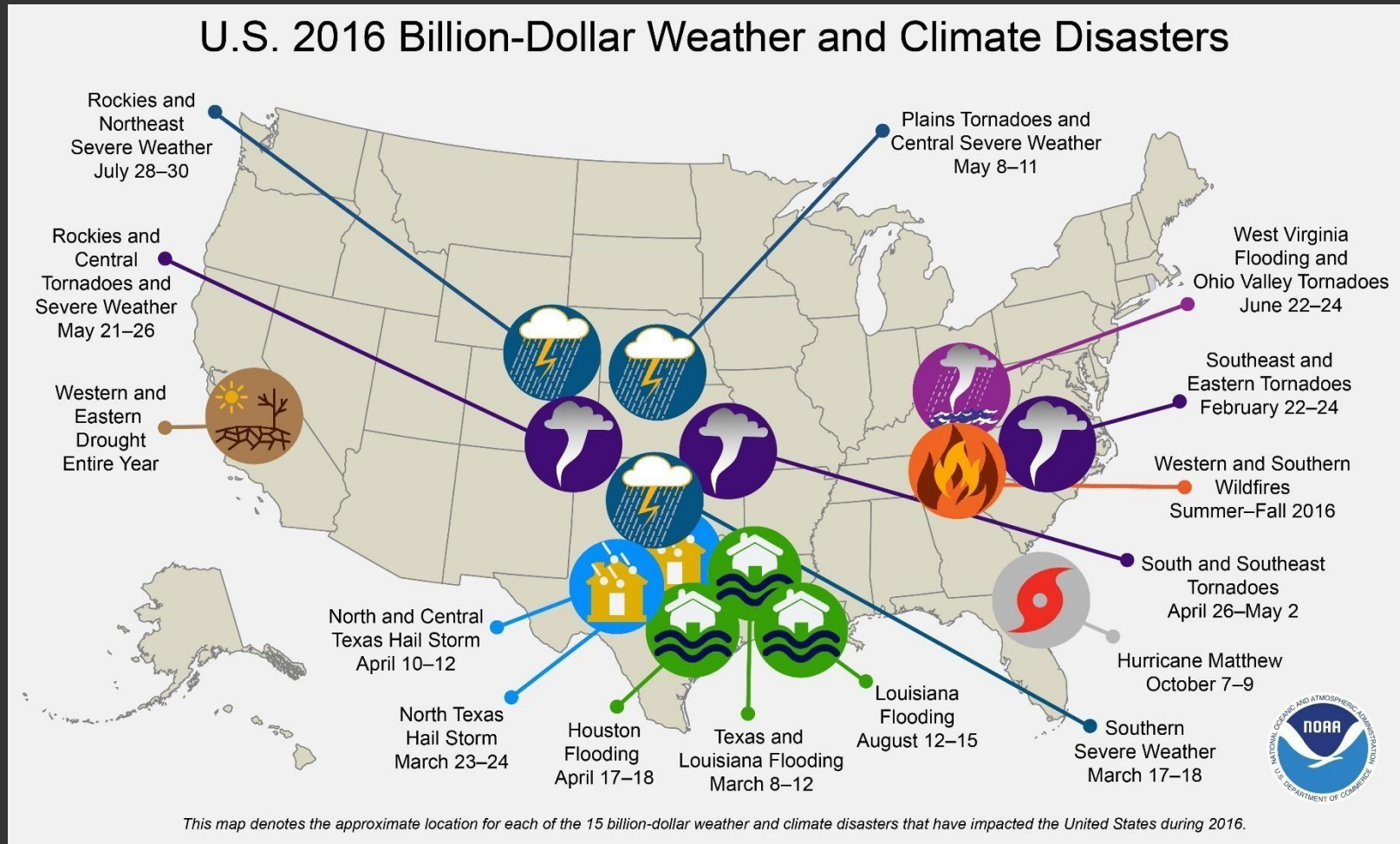
Hurricane Matthew: Florida, Georgia, South Carolina, North Carolina, Virginia



Lessons Learned and Applied - All Hazards Approach

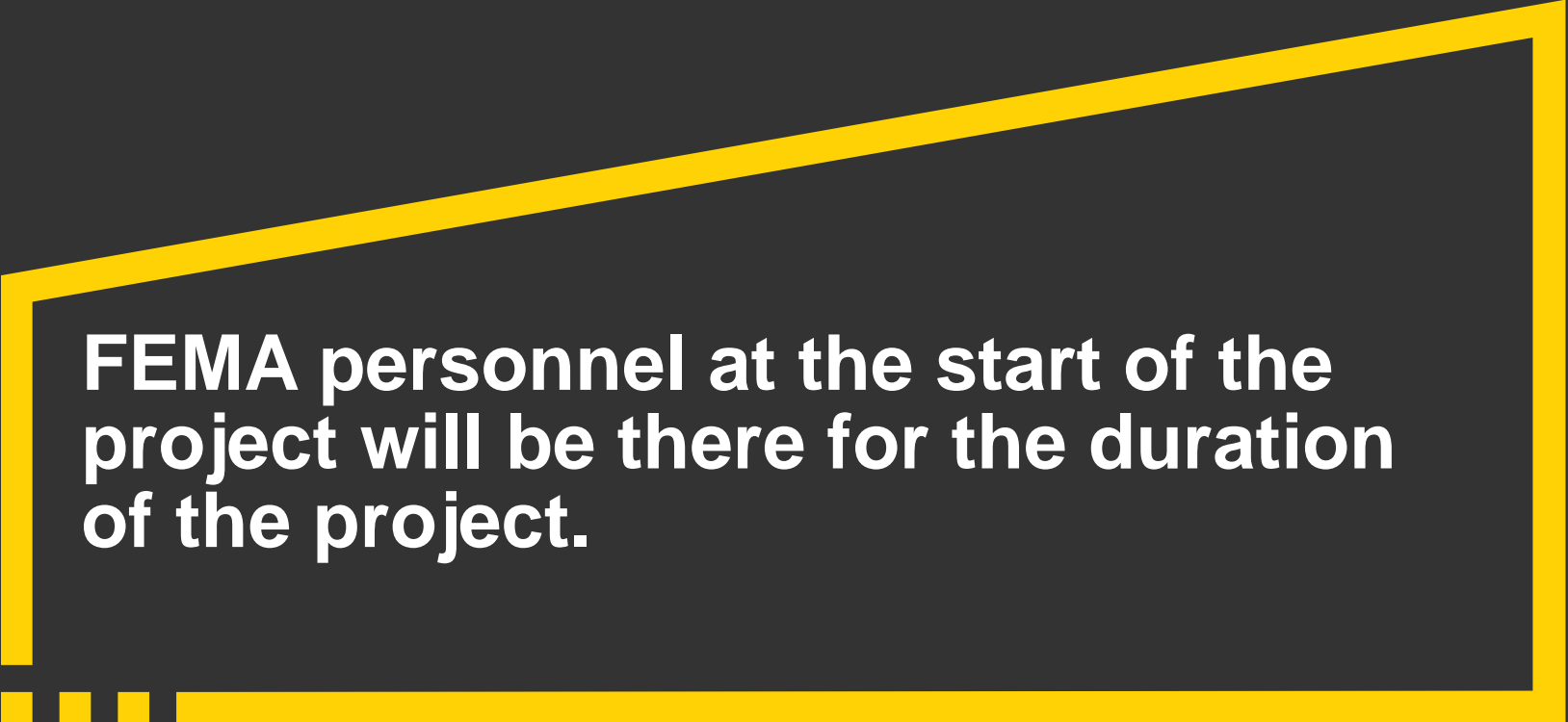
- ▶ While we are going to focus on Hermine and Matthew as the context today, the lessons to be learned apply to more than just these storms.
- ▶ The preparations or actions one takes or the lesson one learns in a disaster are, to the greatest extent, the same regardless of the event or hazards.
- ▶ Emergency Managers refer to this as the “all hazards approach”
- ▶ **Why does this matter?**

Events in U.S. with a Billion Dollar or more impact in 2016



Disaster Grants: Facts, Myths and Legends




A yellow trapezoidal frame with a thick border, slanted on the top and bottom edges, containing the text.

FEMA personnel at the start of the project will be there for the duration of the project.




If costs are reasonable, FEMA cannot deobligate.



**The FEMA rep said it was OK, so it's
OK.**

A yellow trapezoidal frame with a thick border, slanted on the top and bottom edges, containing the text.

**State and local governments can use
the Federal GSA schedule.**

A yellow trapezoidal frame with a thick border, slanted on the top and bottom edges, containing the text.

**The OIG has the final decision on
deobligations and audit
recommendations.**

A large yellow trapezoidal frame with a thick border. The top edge is slanted upwards from left to right. The bottom edge is horizontal and features a dashed line on the left side, transitioning into a solid line on the right side.

Project Worksheets are final.

A yellow trapezoidal frame with a thick border, slanted on the top and bottom edges, containing the text.

**Standby contracts are not eligible
under FEMA.**

A yellow trapezoidal frame with a thick border, slanted on the top and bottom edges, containing the text.

**Records must be maintained 3 years
after PW closeout.**

Recovery Process



What is New? Section 428 (Sandy Recovery Improvement Act of 2013)

- ▶ Authorizes alternative procedures for the Public Assistance (PA) program under the Stafford Act.
 - ▶ Reducing the costs of providing Public Assistance.
 - ▶ Increasing flexibility in the administration of assistance.
 - ▶ Expediting the provision of assistance.
 - ▶ Providing financial incentives for timely and cost-effective completion of projects.
- ▶ Two main provisions – Debris Removal and Permanent Work

What's New? Debris Removal Pilot – Sandy Recovery Improvement Act

▶ Pros

- ▶ Incentives for having a debris removal plan in advance.
- ▶ Incentivizes faster debris removal, thus faster recovery.
- ▶ Particularly beneficial if you are using force account labor.
- ▶ Higher Cost Share – starts at 85 % for the first 30 days.

▶ Cons

- ▶ Time limited – begins with start of incident period and no funding after 180 days. Extensions permitted but “weather” specifically excluded.
- ▶ Normal procurement rules apply.
- ▶ May not be suitable for all disasters.

What's New? Permanent Work Pilot – Sandy Recovery Improvement Act

▶ Pros

- ▶ Flexibility / Waivers
- ▶ Set budget
- ▶ Consolidate projects / No “hair cut” for alternate projects.
- ▶ Can apply cost savings for other eligible purposes.

▶ Cons

- ▶ Risk of cost overruns.
- ▶ Still need to account for costs.
- ▶ Must have very good cost estimates.
- ▶ Program subject to increased Congressional and Inspector General scrutiny.

What's New? – Super Circular 2 CFR

- ▶ Found at 2 CFR Part 200
 - ▶ The Uniform Rules apply to all new grant awards for emergencies and major disasters declared on or after December 26, 2014 (limited 2 year extension for some jurisdictions)
- ▶ The Uniform Rules, where applicable, supersede the procurement standards formerly found at 44 C.F.R. § 13.36 and elsewhere
- ▶ Includes OMB Cost Circulars and A-133 (Audits)
- ▶ New terms
 - ▶ Now Recipients and Subrecipients
- ▶ No Local Preference

What's New? – Federal Disaster Assistance “It is not just a FEMA Show”

As you move forward in your recovery you may see some different agencies (e.g. HUD and CDBG-DR) or newer programs (e.g. changes to DOT programs)

KEY Issues

- ▶ Who provides Disaster Assistance?
- ▶ Different Culture
- ▶ Different Rules and Laws Apply
- ▶ Multiple IGs and Oversight Entities
- ▶ Duplication of Benefit Issues
- ▶ Communication and Coordination seem to be getting better
- ▶ Congress seems to be trying to help

***“It’s not just how much you get on the front end,
it’s also what you are able to document and keep
on the back end”***

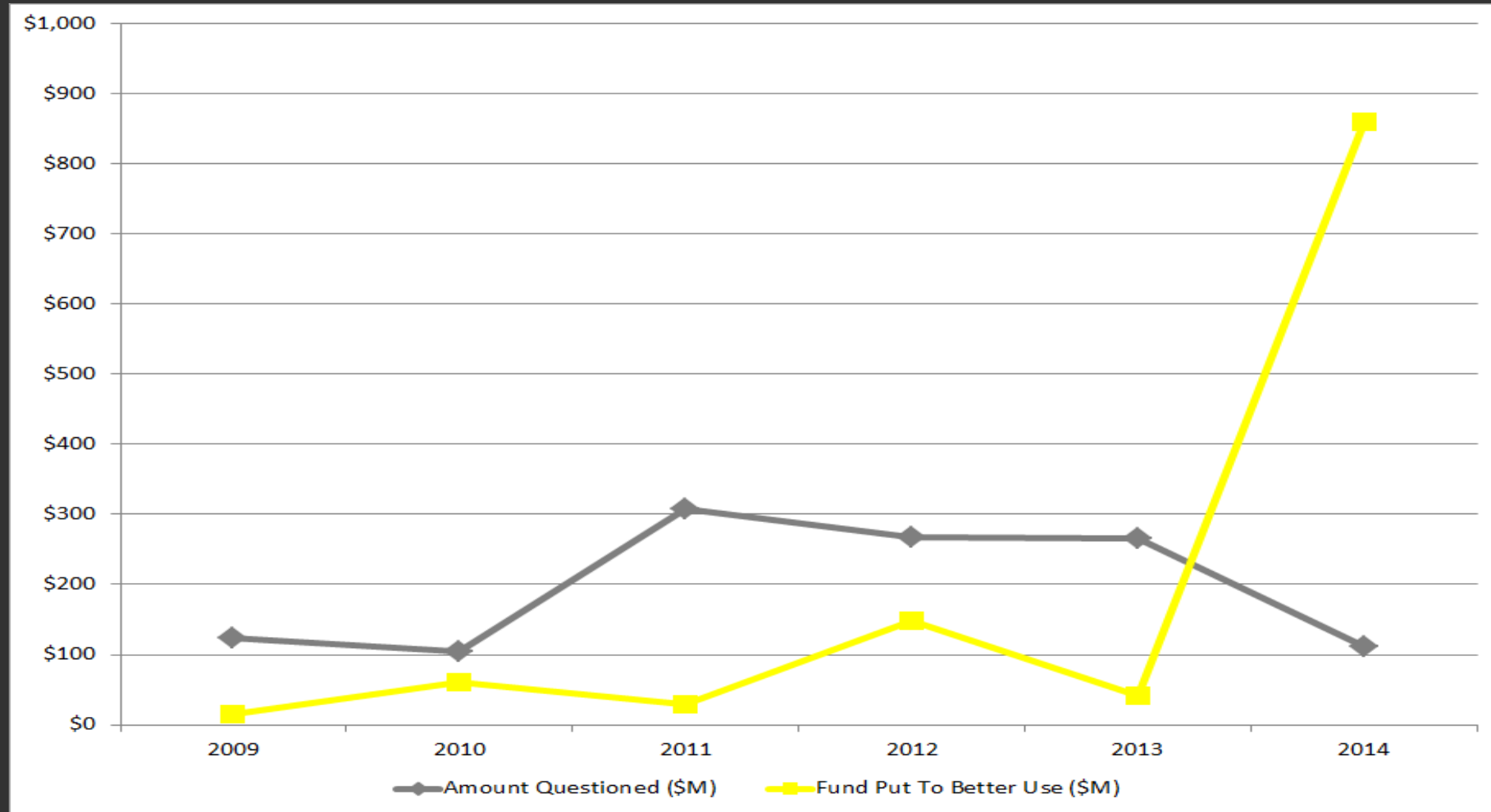
Why Comply?

OIG Audit Results – FEMA Grant and Subgrant Audits 2009 – 2014

Fiscal Year	Awarded Amount (\$B)	Amount Audited (\$B)	% Audited	Questioned Amount (\$M)	Funds Put to Better Use (\$M)
2014	\$ 4.04	\$ 3.44	85%	\$ 111.62	\$ 860.14
2013	1.70	1.28	75%	266.22	41.60
2012	1.52	1.25	82%	267.89	147.70
2011	1.72	1.22	71%	307.80	29.09
2010	2.29	1.23	54%	104.48	60.77
2009	1.30	0.93	72%	123.38	15.06
Total	\$ 12.57	\$ 9.35	74%	\$ 1,181.39	\$ 1,154.36

Source: 2014 DHS-OIG Capping Report

OIG Audit Results – FEMA Grant and Subgrant Audits 2009 through 2014



What are the Common Audit Findings?

- ▶ Improper contracting and contract monitoring
- ▶ Poor contracting practices resulting in excessive costs
- ▶ Inadequate source documentation
- ▶ Ineligible work performed and claimed
- ▶ Incorrect rates for equipment, labor and benefits
- ▶ Claims with duplicate benefits
- ▶ DAC



Options for post-disaster rebuilding

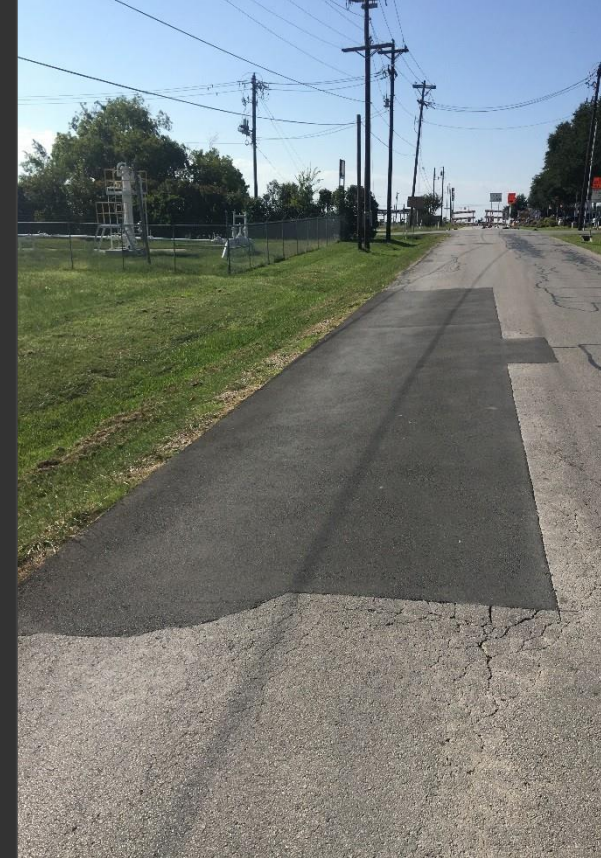


What Are Your Options – How to Put Things Back?

- ▶ The way it was before
- ▶ The way it should be today (Codes & Standards)
- ▶ Something totally different (Alternate)
- ▶ More than it was (Improved)
- ▶ An improvement that prevents future damage (Mitigation)

The Way It Was Before / Should Be Today

- ▶ Pre-Disaster Condition
 - ▶ Same materials, same location, same footprint
 - ▶ Example: Asphalt to asphalt
- ▶ Codes & Standards
 - ▶ Must be in place and enforced at the time of the disaster
 - ▶ Example: public park bridge



A Different Way

- ▶ Alternate Project (AKA – “In-Lieu Contribution”)
 - ▶ Not repairing or replacing damaged element and applying project funds to a different project
 - ▶ Must prepare an estimate of what it would cost to repair or replace the damaged element
 - ▶ Requires State & FEMA approval prior to work beginning
 - ▶ Example: purchasing equipment in place of road repair
 - ▶ Grant is Reduced (“hair cut”) 10% for Public Facilities and 25% for Private Non-Profit Facilities Unless you participate in the 428 Program



Better Than the Way it Was

- ▶ Improved Project
 - ▶ Repairing a damaged site with improved materials, designs, or capacity beyond codes & standards
 - ▶ Even a cosmetic change
 - ▶ Requires State & FEMA approval prior to work beginning
 - ▶ Example: asphalt to concrete



Better Than the Way it Was, cont.

- ▶ Mitigation (Section 406)
 - ▶ FEMA Funding eligible on 3 criteria:
 - ▶ Cost Beneficial – Generally projects must be shown to be cost beneficial through cost analysis documentation unless:
 - ▶ If less than 15% of the base project; or
 - ▶ The project type is pre-approved by FEMA and less than 100% of the base project
 - ▶ Technically Feasible
 - ▶ Applies to a Disaster-Damaged Element
 - ▶ Preferred State & FEMA approval prior to work beginning
 - ▶ Example: Upsizing a Culvert
 - ▶ Cannot do Mitigation AND alternate or improved project. It is only one or the other.

Not Damaged but Could Be Mitigated

- ▶ Mitigation (Section 404)
 - ▶ State receives allotment of funds from FEMA to be discretionarily applied
 - ▶ Site does not have to be damaged by the event
 - ▶ Projects are submitted to the State
 - ▶ Approved on case-by-case basis
 - ▶ Required State approval prior to work beginning
 - ▶ Example: outdated pump system (at risk but not damaged by the event)



For Further Information Contact:

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Rebuilding and Recovering from Natural Disasters

Presenter Names
Institute for Building Technology and Safety
Steve Traina, Program Director



ABOUT US

The Institute for Building Technology and Safety is a 501(c)(3) nonprofit organization established to provide unbiased professional services, while enhancing the communities in which we work.

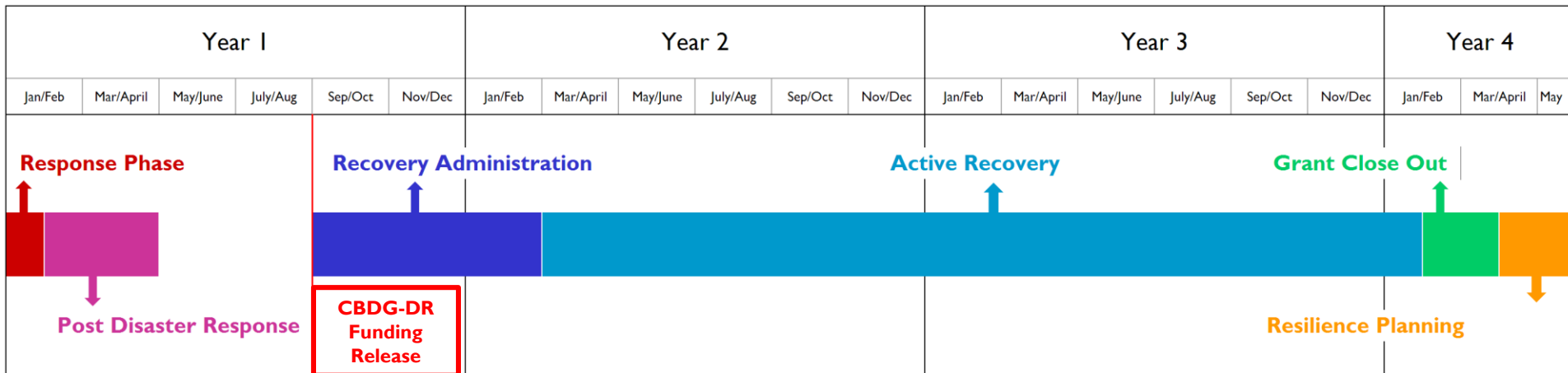


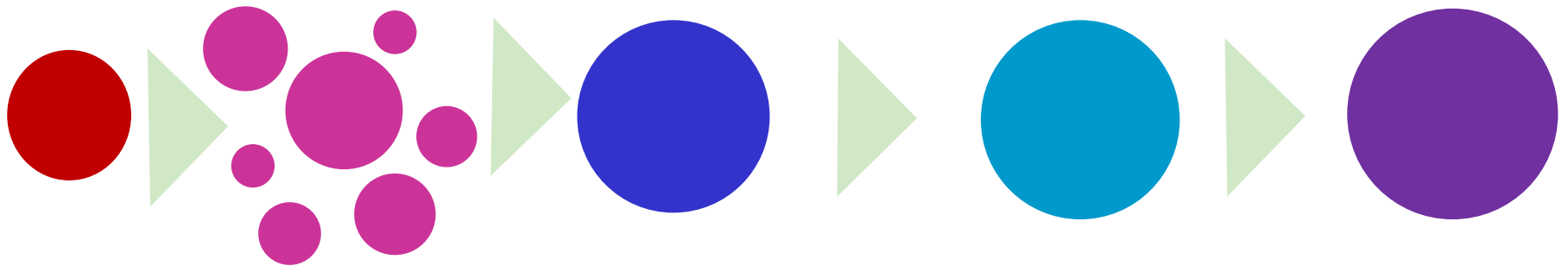
public sector
accountability
private sector
flexibility





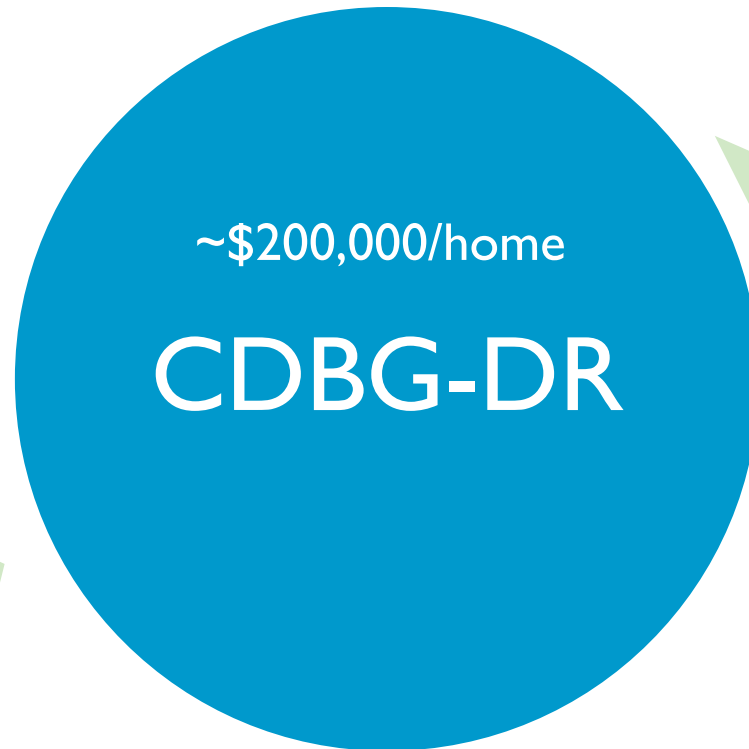
DISASTER RECOVERY TIMELINE EXAMPLE



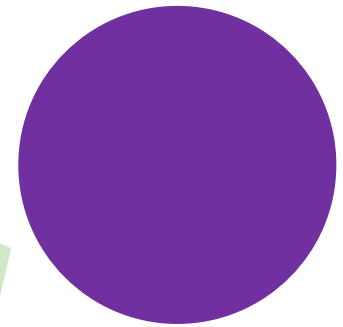


FUNDING SOURCES

FUNDING SOURCES

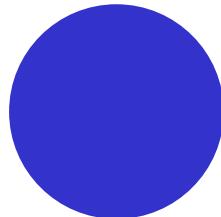


\$25-75,000/home



**STATE FUNDED
PROGRAMS**

\$8-10,000/home



FEMA

Extensive physical support,
Minimal financial assistance

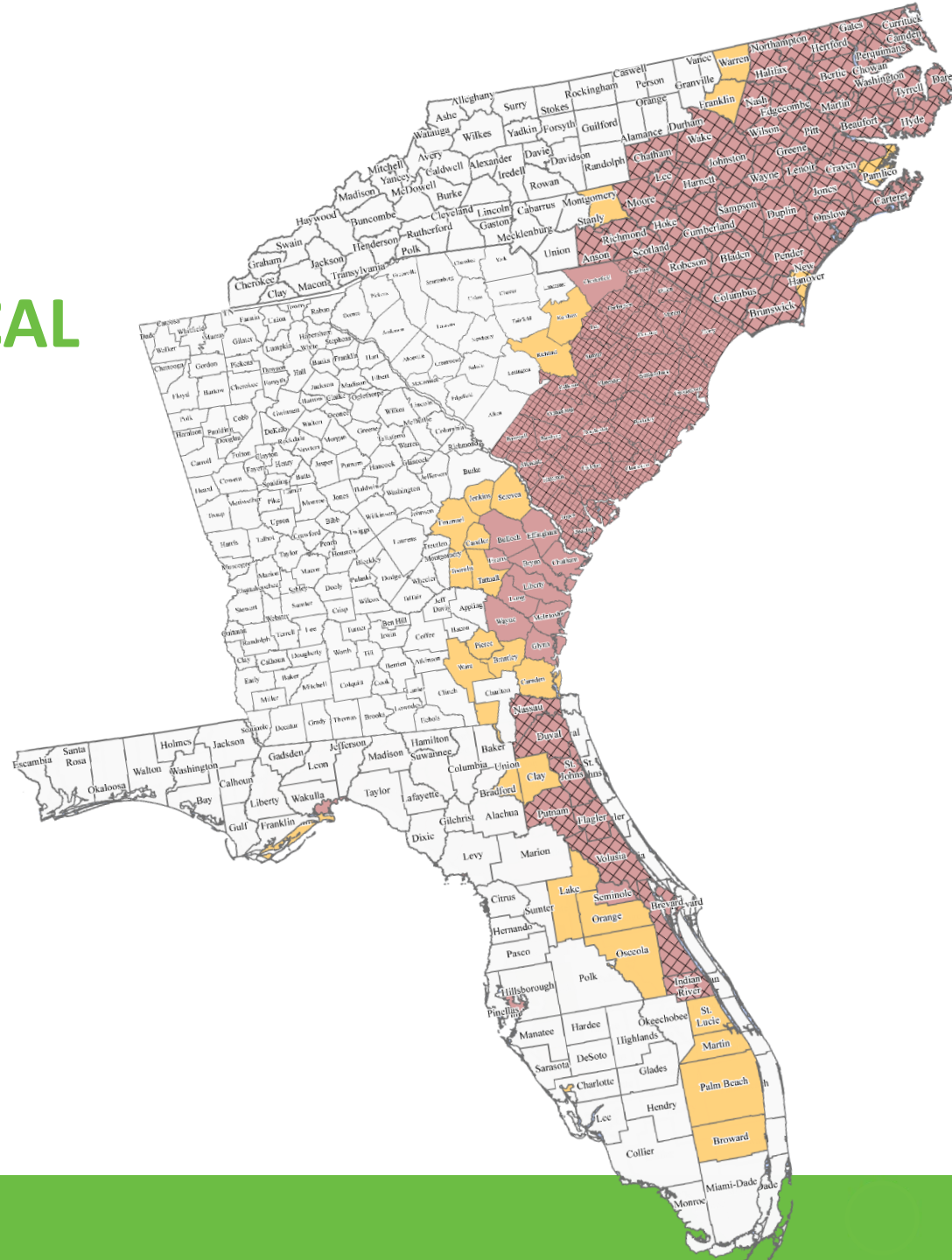
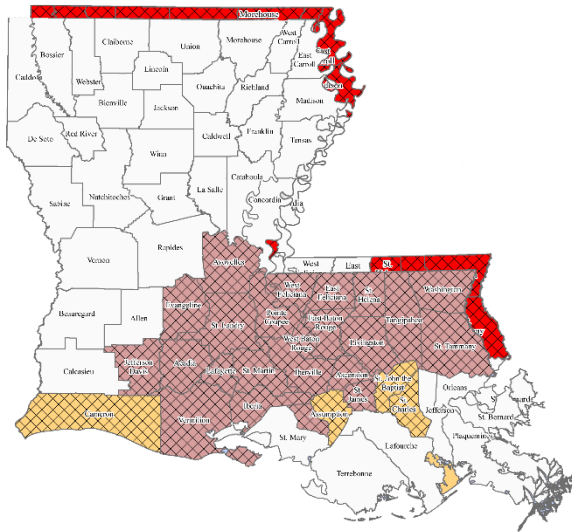


- LOCAL ORGANIZATIONS
- FAITH BASED NON-PROFITS
- COMMUNITY STAKEHOLDERS



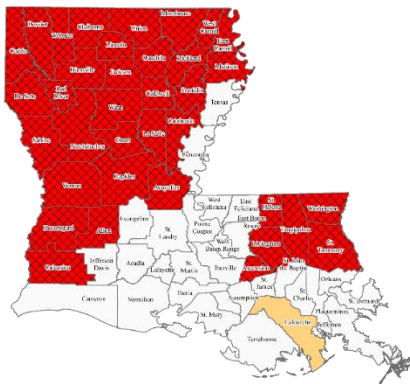
RED CROSS

2016 FLOODING, HURRICANE, & TROPICAL STORM DAMAGE



2016 FLOODING, HURRICANE, & TROPICAL STORM DAMAGE

2016						2017						2018						2019		
Jan/Feb	Mar/April	May/June	July/Aug	Sep/Oct	Nov/Dec	Jan/Feb	Mar/April	May/June	July/Aug	Sep/Oct	Nov/Dec	Jan/Feb	Mar/April	May/June	July/Aug	Sep/Oct	Nov/Dec	Jan/Feb	Mar/April	May...
<div>Post Disaster Response</div> <div>Disaster Date – March 8th</div>						<div>CBDG-DR Funding Release</div>						<div>Recovery Administration</div>						<div>Active Recovery</div>		

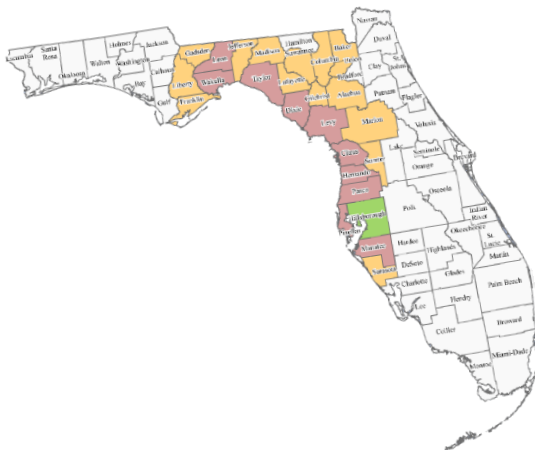
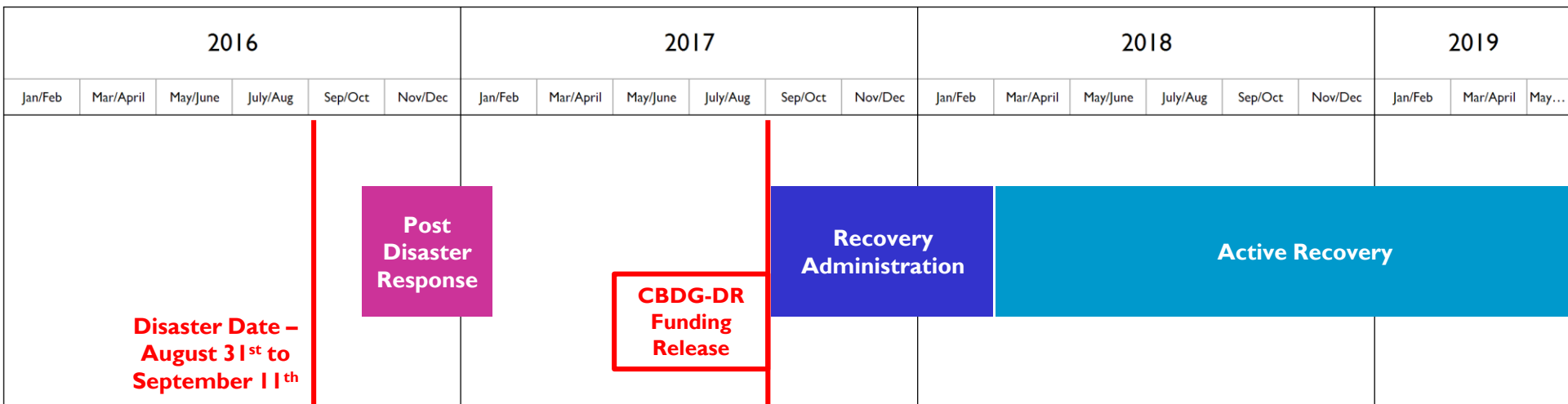


- Louisiana/4263 – Severe Storms and Flooding

2016 FLOODING, HURRICANE, & TROPICAL STORM DAMAGE

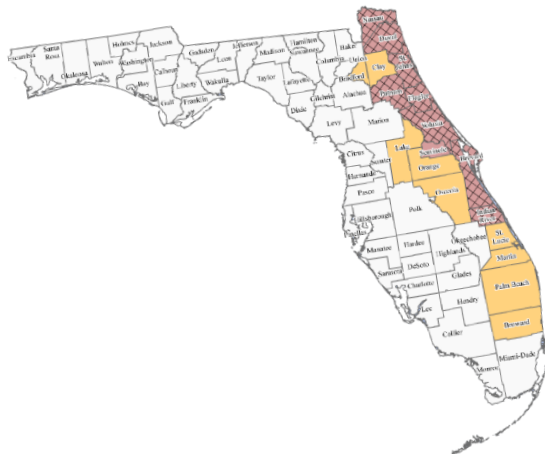
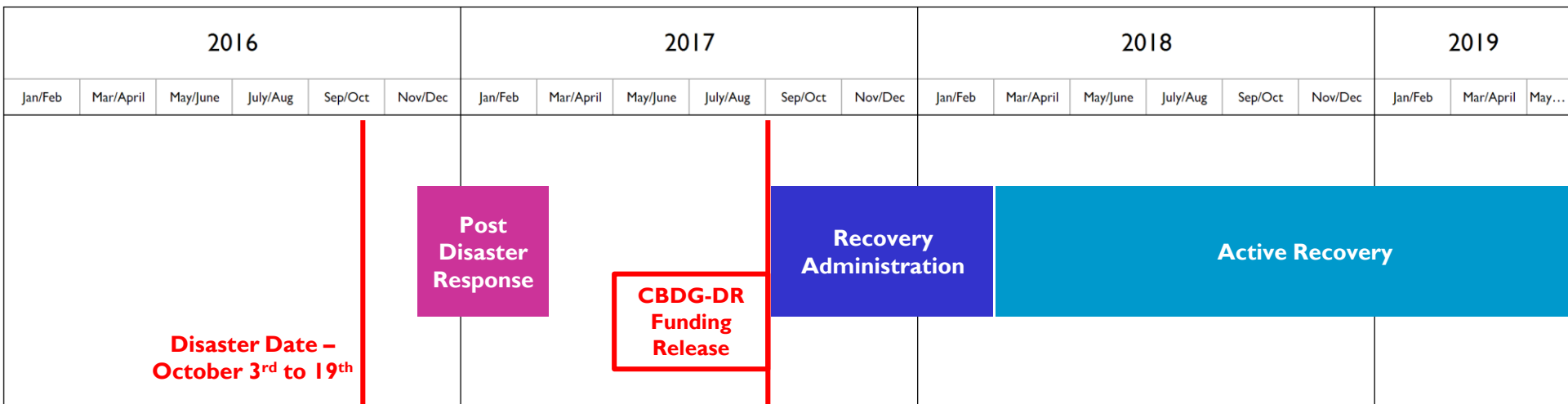
2016						2017						2018						2019		
Jan/Feb	Mar/April	May/June	July/Aug	Sep/Oct	Nov/Dec	Jan/Feb	Mar/April	May/June	July/Aug	Sep/Oct	Nov/Dec	Jan/Feb	Mar/April	May/June	July/Aug	Sep/Oct	Nov/Dec	Jan/Feb	Mar/April	May...
<div>Disaster Date – August 11th to August 31st</div>																				

2016 FLOODING, HURRICANE, & TROPICAL STORM DAMAGE



► 4280 – Hurricane Hermine

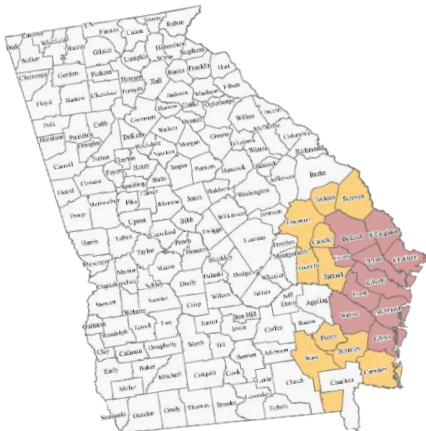
2016 FLOODING, HURRICANE, & TROPICAL STORM DAMAGE



► 4283 – Hurricane Matthew

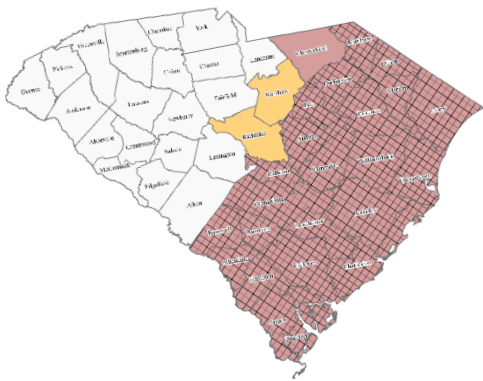
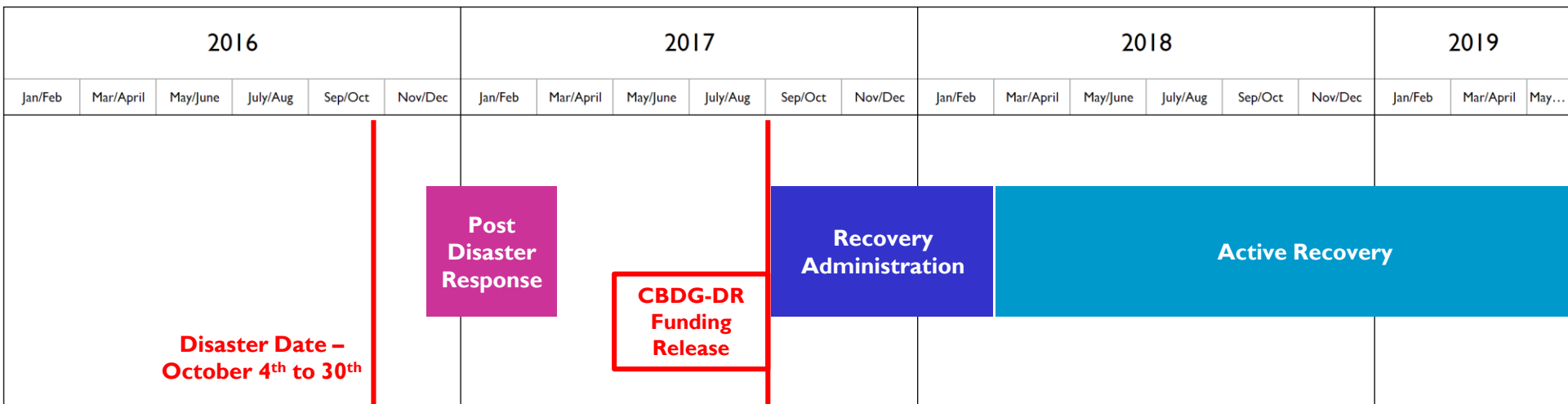
2016 FLOODING, HURRICANE, & TROPICAL STORM DAMAGE

2016						2017						2018						2019		
Jan/Feb	Mar/April	May/June	July/Aug	Sep/Oct	Nov/Dec	Jan/Feb	Mar/April	May/June	July/Aug	Sep/Oct	Nov/Dec	Jan/Feb	Mar/April	May/June	July/Aug	Sep/Oct	Nov/Dec	Jan/Feb	Mar/April	May...
Disaster Date – October 4th to 14th						Post Disaster Response						Recovery Administration						Active Recovery		
						CBDG-DR Funding Release														



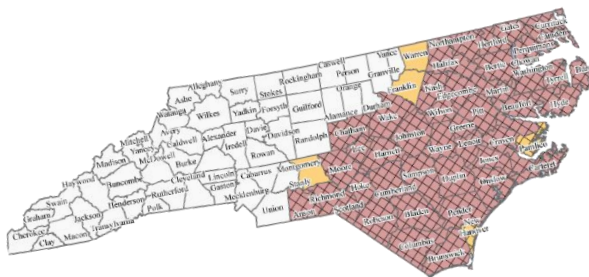
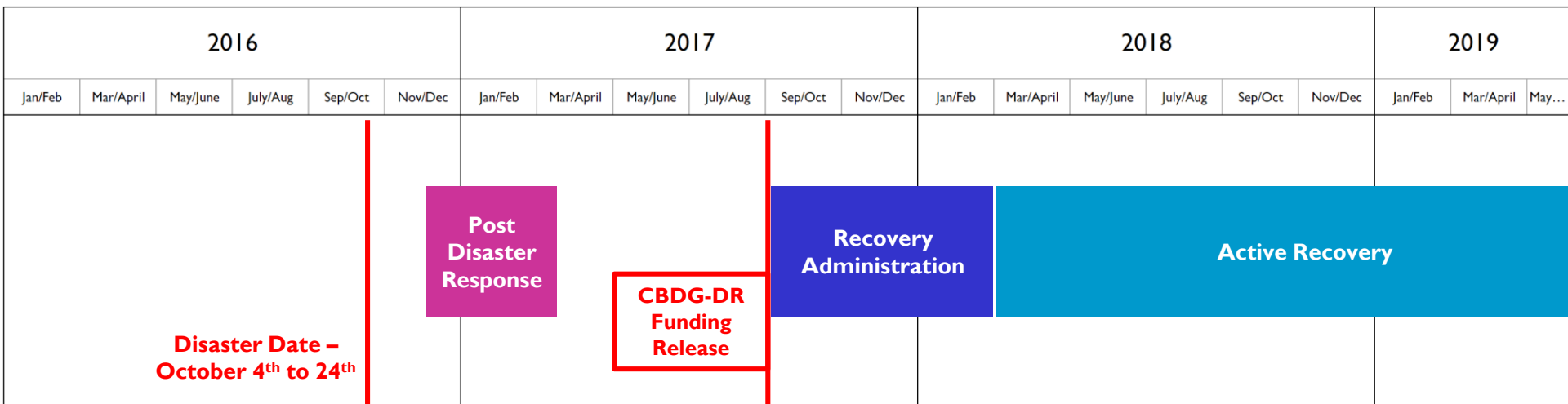
► Georgia/4284 – Hurricane Matthew

2016 FLOODING, HURRICANE, & TROPICAL STORM DAMAGE



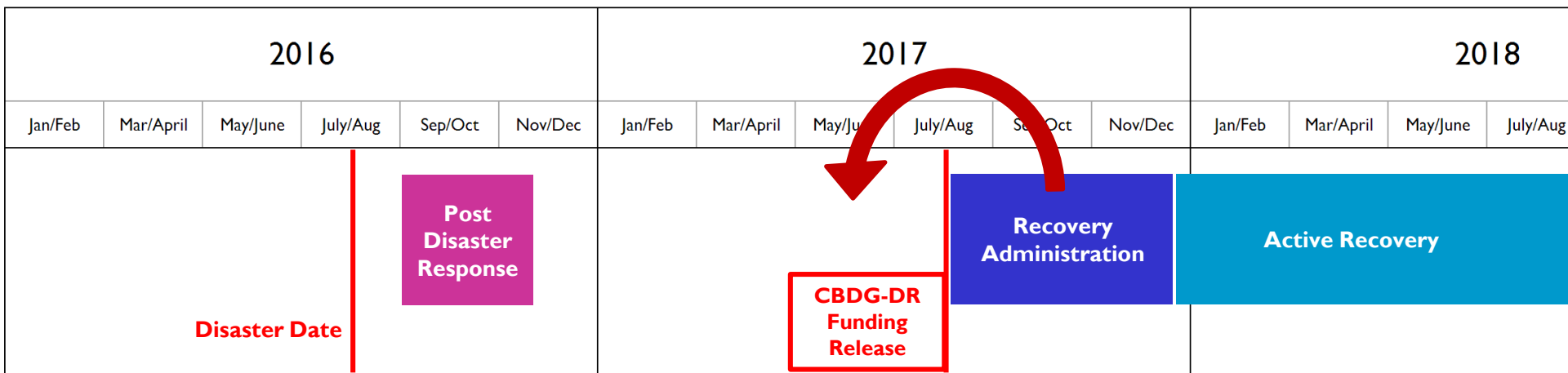
► South Carolina/4286 – Hurricane Matthew

2016 FLOODING, HURRICANE, & TROPICAL STORM DAMAGE



► North Carolina/4285 – Hurricane Matthew

WHERE ARE WE GOING?



- If Active Administration began prior to funding, the community would see an accelerated recovery timeline.

ACTIONS PRIOR TO FUNDING?

2017						2018						2019		
Jan/Feb	Mar/April	May/June	July/Aug	Sep/Oct	Nov/Dec	Jan/Feb	Mar/April	May/June	July/Aug	Sep/Oct	Nov/Dec	Jan/Feb	Mar/April	May...
Recovery Administration			Active Recovery											
Funding														

► Needs Assessment



ACTIONS PRIOR TO FUNDING?

2017						2018						2019		
Jan/Feb	Mar/April	May/June	July/Aug	Sep/Oct	Nov/Dec	Jan/Feb	Mar/April	May/June	July/Aug	Sep/Oct	Nov/Dec	Jan/Feb	Mar/April	May...
Recovery Administration						Active Recovery								

Funding



► Action Plan

ACTIONS PRIOR TO FUNDING?

2017						2018						2019		
Jan/Feb	Mar/April	May/June	July/Aug	Sep/Oct	Nov/Dec	Jan/Feb	Mar/April	May/June	July/Aug	Sep/Oct	Nov/Dec	Jan/Feb	Mar/April	May/June
Recovery Administration			Active Recovery											
Funding														

► Funding Advocacy

A row of red, inflated balloons spelling out the word "FUNDING" in all capital letters. The balloons are shiny and have a metallic texture. They are arranged horizontally against a white background. Each letter is a separate balloon, with the 'I' being a simple vertical rod. The balloons are connected by thin wires at the bottom.

ACTIONS PRIOR TO FUNDING?

2017						2018						2019		
Jan/Feb	Mar/April	May/June	July/Aug	Sep/Oct	Nov/Dec	Jan/Feb	Mar/April	May/June	July/Aug	Sep/Oct	Nov/Dec	Jan/Feb	Mar/April	May/June
Recovery Administration						Active Recovery								
Funding														

► Initial Outreach



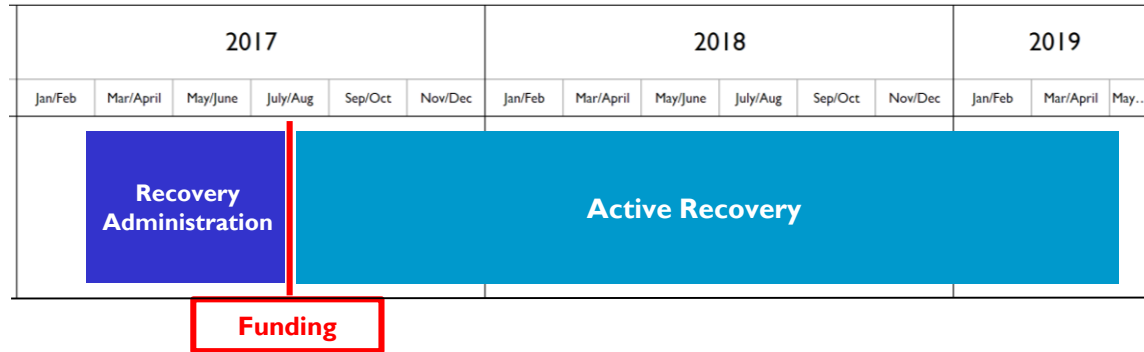
ACTIONS PRIOR TO FUNDING?

2017						2018						2019		
Jan/Feb	Mar/April	May/June	July/Aug	Sep/Oct	Nov/Dec	Jan/Feb	Mar/April	May/June	July/Aug	Sep/Oct	Nov/Dec	Jan/Feb	Mar/April	May/June
Recovery Administration			Active Recovery											
Funding														

- Initial Case Management



ACTIONS PRIOR TO FUNDING?



- ▶ Initial Case Management
- ▶ Policy/Procedure Development

ACTIONS PRIOR TO FUNDING?

2017						2018						2019		
Jan/Feb	Mar/April	May/June	July/Aug	Sep/Oct	Nov/Dec	Jan/Feb	Mar/April	May/June	July/Aug	Sep/Oct	Nov/Dec	Jan/Feb	Mar/April	May..
Recovery Administration			Active Recovery											

ACTIONS PRIOR TO FUNDING?

2017						2018						2019		
Jan/Feb	Mar/April	May/June	July/Aug	Sep/Oct	Nov/Dec	Jan/Feb	Mar/April	May/June	July/Aug	Sep/Oct	Nov/Dec	Jan/Feb	Mar/April	May...
Recovery Administration			Active Recovery											
Funding														



► Initial Procurement

AVENUES TO ACCELERATE RECOVERY

► Subrecipient Agreement



► Community funded effort

An aerial photograph of a school campus, likely a high school, featuring several long, rectangular buildings arranged in a U-shape. The campus is surrounded by dense trees and a large open field. A green semi-transparent overlay covers the middle portion of the image, containing the title and subtitle text.

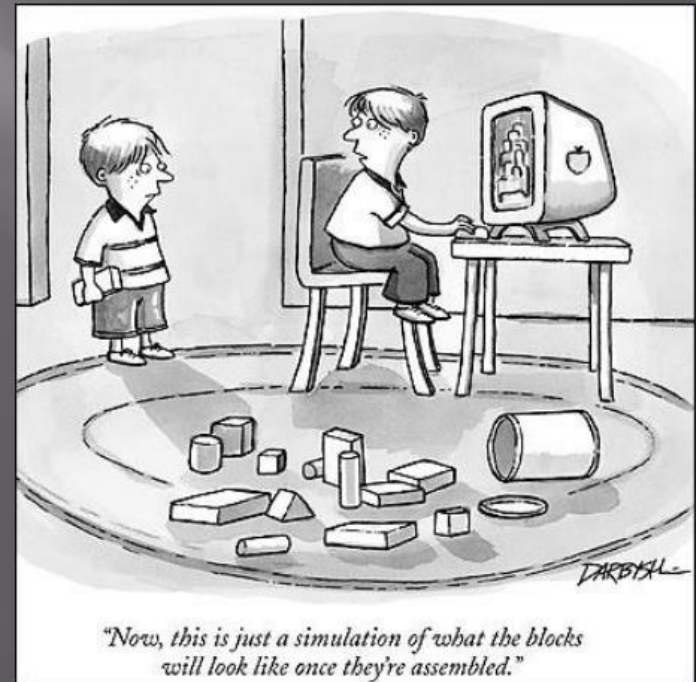
Darry Stacy

Cleveland County

Lessons learned while rebuilding from Cleveland County's tornado damage.

HAVE A PLAN

- ▣ PRACTICE-PRACTICE-PRACTICE
- ▣ INCLUDE ALL PLAYERS
- ▣ HAVE ACCESS TO YOUR PLAN
- ▣ BE FLEXIBLE



COMMUNICATIONS

- CELL PHONES
- RADIOS
- REVERSE 911
- DOOR TO DOOR
- FLYERS



N.G.O.'S

- CHURCHES
- SALVATION ARMY
- UNITED WAY
- VOLUNTEERS
- SCHOOLS
- BUSINESSES
- FOOD



DOCUMENT!!!!!!!!!!

- ▶ START IMMEDIATELY
- ▶ O.E.M.
- ▶ BE FAMILIAR WITH FORMS
- ▶ **FEMA** IS NOT NECESSARILY A 4 LETTER WORD



REMEMBER THE LITTLE THINGS



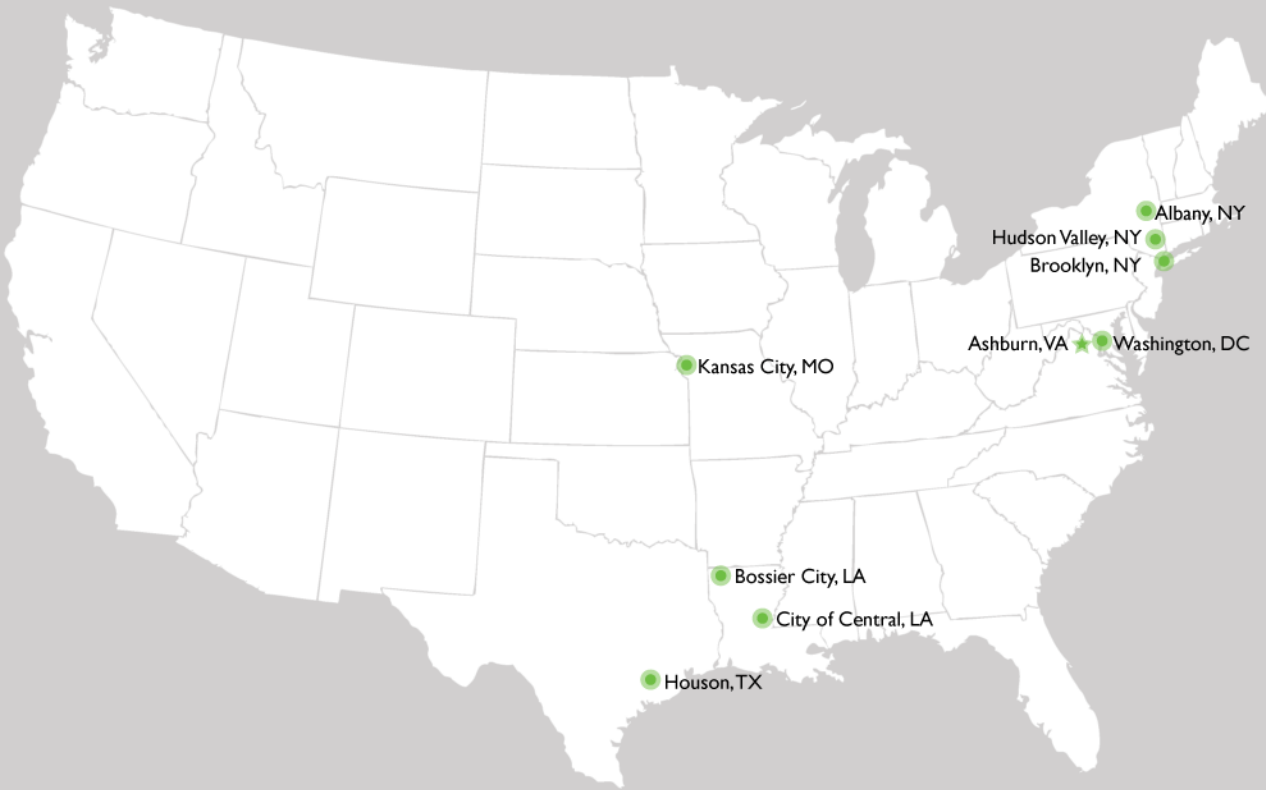
- **PORTA-POTTIES**
- **STREET SWEEP FOR NAILS**
- **LIGHTS**
- **GENERATORS**
- **COUNSELING**
- **SLEEP**



CONTACT US
www.ibts.org

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820 Lawrence Rd., Suite #126
Kemah, TX 77565

IBTS OFFICES



Question & Answer session

- Type your question into the “Questions” box and the moderator will read the question on your behalf.

Final Items

- Please email jmoran@naco.org if you:
 1. Have any creative and effective examples of mitigation projects that you would like to share with your colleagues around the country.
 2. Would like to be part of a working group to share disaster lessons learned with other NACo members.

Learn more and register at:

www.naco.org/webinars

Next Resilient Counties webinar:

Naturally Resilient Communities: *Rethinking Flood Protection through Nature-based Solutions*

Wednesday, April 5, at 1pm ET

THANK YOU!

Additional questions or feedback?

Contact Jenna Moran at jmoran@naco.org