

# Federal Emergency Management Agency

## Expanding Recovery and Resilience



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# Agenda

- Introduce the National Disaster Recovery Framework
- Cascading impacts of disaster
- Organize to leverage capability
- Expand capability through partnership
- Post event is Pre-event



# Presidential Preparedness Directive - 8

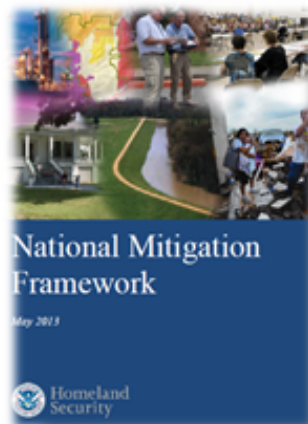
- The **Preparedness Goal** organizes the core capabilities into the **five missions areas** and calls for the establishment of **National Frameworks** and **Federal Interagency Operational Plans**.



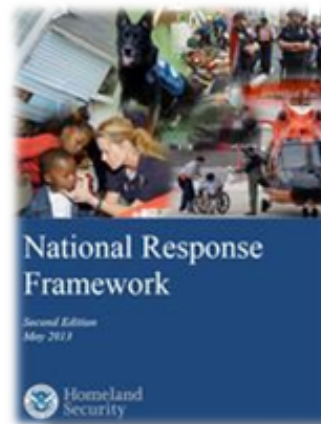
**PREVENTION**



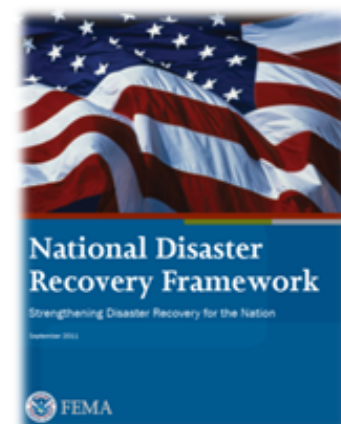
**PROTECTION**



**MITIGATION**



**RESPONSE**

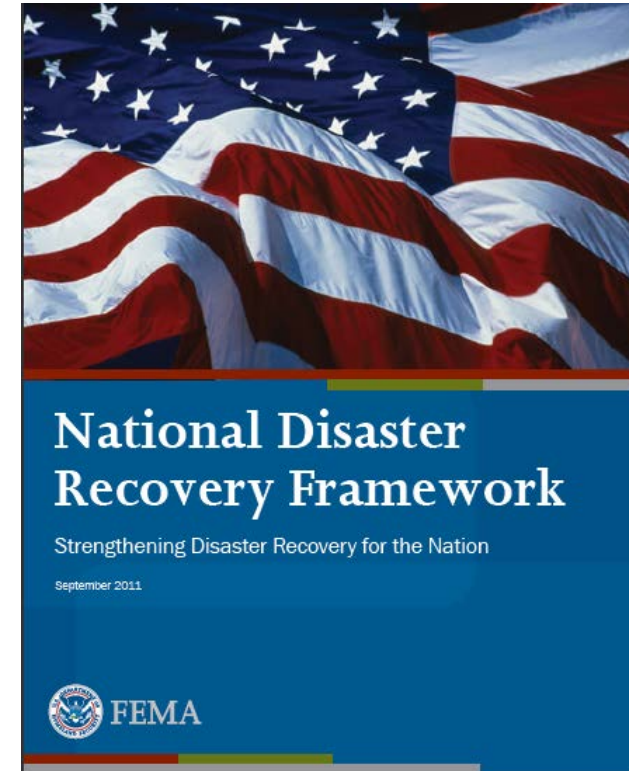


**RECOVERY**

# National Disaster Recovery Framework

The National Disaster Recovery Framework (NDRF) enables effective recovery support to disaster-impacted States and Tribes through a **unified and collaborative process**.

The focus is on how best to **restore, redevelop and revitalize** the health, social, economic, built, natural and environmental fabric of the impacted areas and to **build resilience**.



# Key Core Principles

- Leadership and Local Primacy
- Pre-Disaster Recovery Planning
- Unity of Effort
- Timeliness and Flexibility
- Engaged Partnerships and Inclusiveness
- Individual and Family Empowerment
- Resilience and Sustainability
- Psychological and Emotional Recovery



# Recovery Core Capabilities

- Planning
- Community Capacity Building
- Economic Recovery
- Health and Social Services
- Housing
- Infrastructure Systems
- Natural and Cultural Resources
- Public Information and Warning
- Operational Coordination

*Connections across all sectors.*



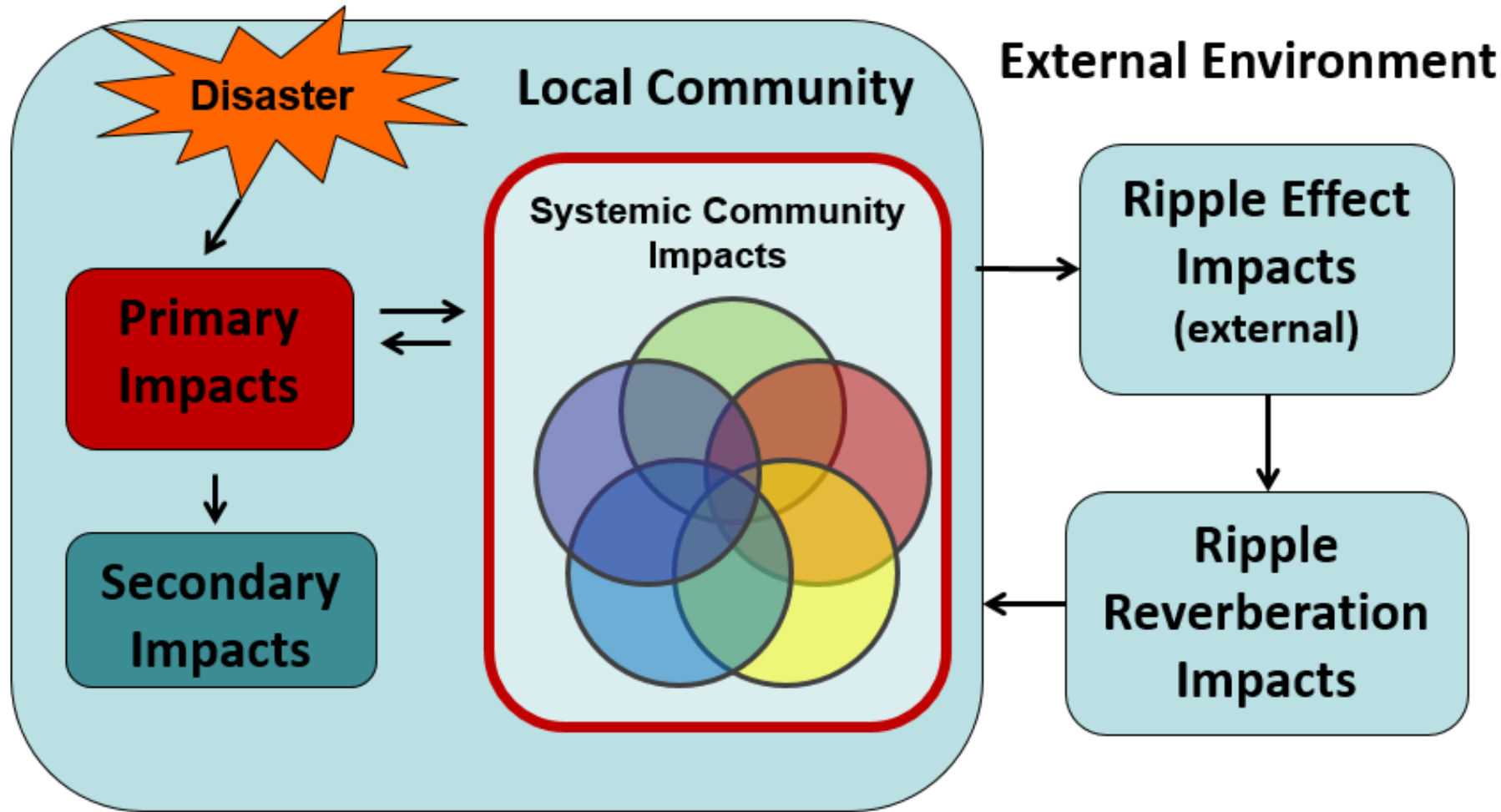
# Have a tough problem? Expand it.

This is about creating a “pull system.”

- A system where we collectively share the identified issues, projects and initiatives while attempting to address organizationally pre and post disaster and then expand the solution set by leveraging others with **common interests**.

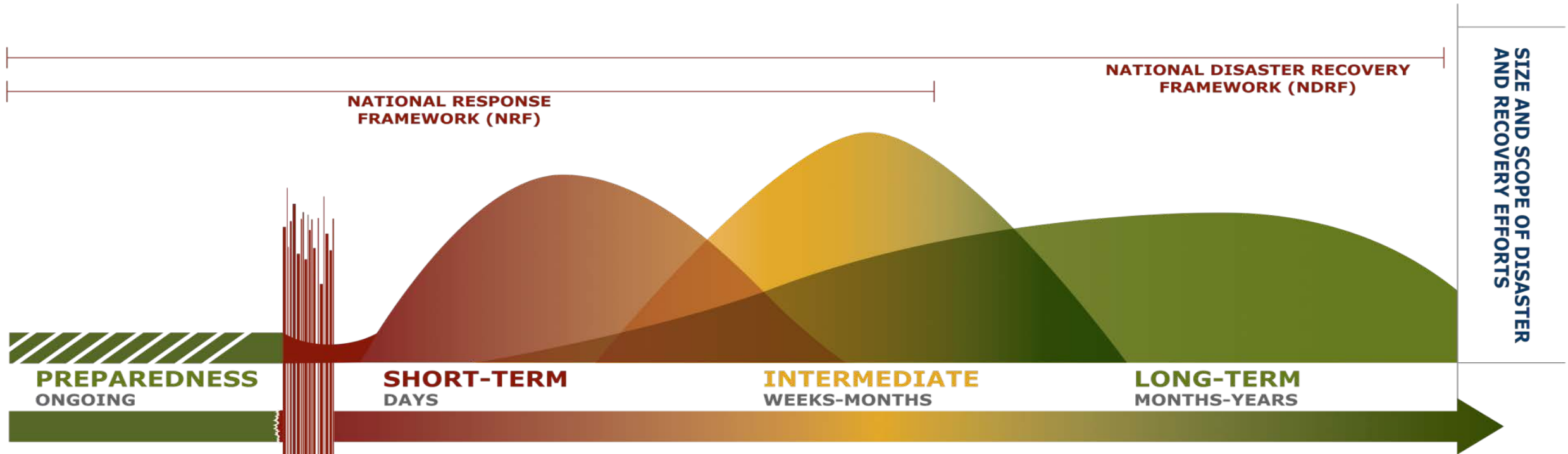


# Cascading Impacts of Disaster

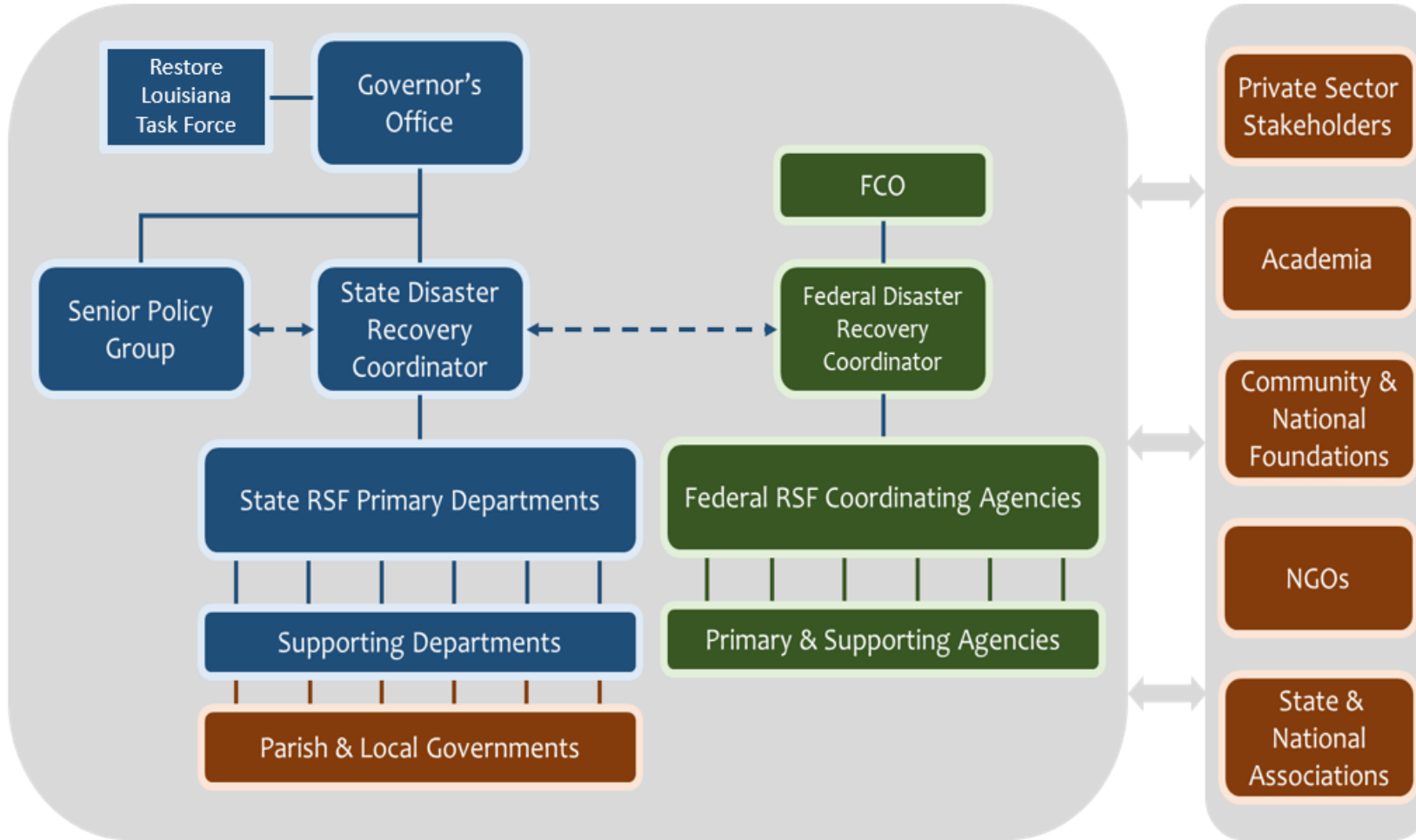




# Recovery Continuum



# Organize to Leverage



# Partnerships

- Voluntary Organizations
- Faith-based organizations
- Communities active in disaster
- Long-term recovery committees
- Surrounding communities
- Business & industry
- Universities and colleges
- Citizen Corps
- Senior Corps
- National/State/Regional Associations
- Philanthropy
- Corporate donors
- Advertisers



# Redevelopment Planning

## Summary List of Recommended Projects in Order of Priority

Details of each project are listed on the following pages

1. Resiliency and Public Safety
2. Beautification and Green Spaces
3. Economic Development Program
4. Town Center Development – Phase 1
5. Town Center Development – Phase 2
6. Town Center Development – Community Center



## City of Vilonia, AR

**SECTOR**  
**ECONOMIC DEVELOPMENT**



**GATEWAY PLANNING**  
A VITALIA GROUP PARTNER

6

**Issues and Challenges**

**INFRASTRUCTURE**

- Inadequate utility capacity for large businesses.
- Lack of plug-in ready sites for businesses.
- Commercial and residential congestion due to narrow roads.

**BUSINESS RECRUITMENT**

- Existing businesses do not meet citizen's basic needs.
- Mayflower residents need more jobs.
- No economic development organization tasked with recruiting businesses.
- No incentive package in place to attract businesses.
- Limited restaurant options.

**BUSINESS RETENTION AND EXPANSION**

- Local small businesses are not supported.
- No system in place to help local businesses expand.

**WORKFORCE DEVELOPMENT AND RETENTION**

- No on-site vocational training facility.
- Lack of high paying jobs to attract or retain local college graduates.
- Lack of affordable housing for young workers.

**LAND USE PLANNING**

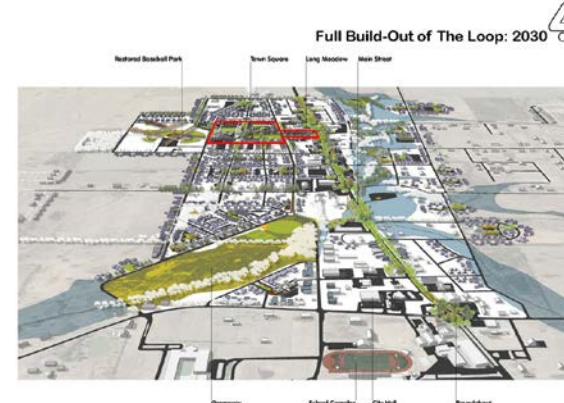
- No mixed use development.
- Code and zoning ordinances are unenforced or hinder development.
- Inadequate aesthetic standards for businesses.


**COMMUNITY DEVELOPMENT**

- Insufficient "sense of place" to attract residents.
- Housing stock is limited and lacks diversity.
- No adequate site for community events and gatherings.
- Poor public image with non-residents.

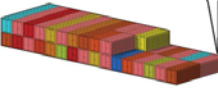
Mayflower: Building for a Better Tomorrow

## City of Mayflower, AR






**Multi-Family Safe Room**  
The most cost effective way to build a shelter is to add it to new construction in the initial planning phase.



**Container Safe Room**  
A distributed network of container safe rooms could fill in the gap between single family shelters and larger facilities.



**Multi-Function Safe Room**  
Multi-function facilities offer identifiable and centrally located protection for both residents and visitors in the downtown area.

Used shipping containers cost about \$2500, and 35 of them will keep half the Town Loop safe.

# Community Resilience Initiative

*Example:* Following an EF4 tornado, The Oklahoma Business Resilience Steering Committee sought to develop a pilot project for community place based resilience and found a collaborative alliance.



## Integrating two models

- Community Renewal International's actualized model fosters, grows and sustains safe, caring, and resilient communities with measurable utilizing tools for strategic doing to guide loosely joined open networks, and agile planning. <http://communityrenewal.us/national-overview>
- University of Oklahoma Terrorism and Disaster Center's Communities Advancing Resilience Together (CART) toolkit. [https://www.oumedicine.com/docs/ad-psychiatry-workfiles/cart\\_online-final\\_042012.pdf](https://www.oumedicine.com/docs/ad-psychiatry-workfiles/cart_online-final_042012.pdf)

# Philanthropic Initiatives: Recent example



<http://www.louisianarecoveryalliance.org/>

- A consortium of private, community, and corporate foundations founded for resilience.
- Together with government partners in a first-of-its-kind Public-Private Partnership.
- Cross-sector collaboration leveraging the resources and strengths of each member to make informed and innovative decisions.
- Vision: A long-term lens to produce a set of innovative, locally-specific solutions that will rebuild healthy, sustainable and resilient communities.



# Post event is pre event: key recovery enablers

- Branding and messaging
- Force multiplier—enlist the community
- Response and Recovery Planning
  - know your resources, community needs and population,
  - pre-identify response and recovery service delivery locations,
  - understand planning and zoning requirements.
- Eligibility of private non-profits
- Memorandum of agreement
- Pre-negotiated contracts
- Exercises



# Things to consider

## PROS

- Expanded communication, collaboration and coordination
- Provides an optimal construct for concentrating resources and authorities for effectiveness
- Incorporates all sectors in expanded pre event preparedness and post recovery
- Promotes readiness, mitigation and sustainability
- Relevant in steady state projects and initiatives

## CONS

- ↔ • Requires an investment of leadership and staff time
- ↔ • Requires a shared understanding of rules and management of expectations
- ↔ • Adds a level of shared complexity to our stand alone efforts
- ↔ • Normal challenges due to increased costs
- ↔ • Again, requires an investment of leadership and staff time

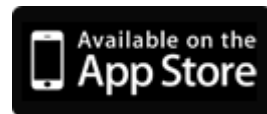


# Joint Public-Private Sector Coordination



# FEMA App

- Weather Alerts
- Emergency Checklist
- Share Disaster Photos
- Open Shelters
- Open Recovery Centers



11:44 AM  
FEMA

- Alertas del Servicio Nacion...
- Prepárese
- Recursos de desastre
- FotoDesastre
- English Content
- Como ayudar
- Blog de FEMA Hace 12 días  
¿Se acerca una tormenta? No gastes una fortuna, solo lo necesario  
Es impresionante ver como los supermercados siempre quedan vacíos en la víspera de una

Recibe alertas del Servicio Nacional de Meteorología en hasta cinco lugares (Emitidas en inglés)

Recibe notificaciones y consejos para sobrevivir desastres naturales, y prepara tu lista de emergencias

Encuentra refugios y dónde se puede hablar con FEMA en persona, y aplica para asistencia federal

Comparte tus fotos en FotoDesastre, para ayudar a sobrevivientes y la respuesta a desastre

Facilmente cambia a su idioma preferido, Inglés o Español