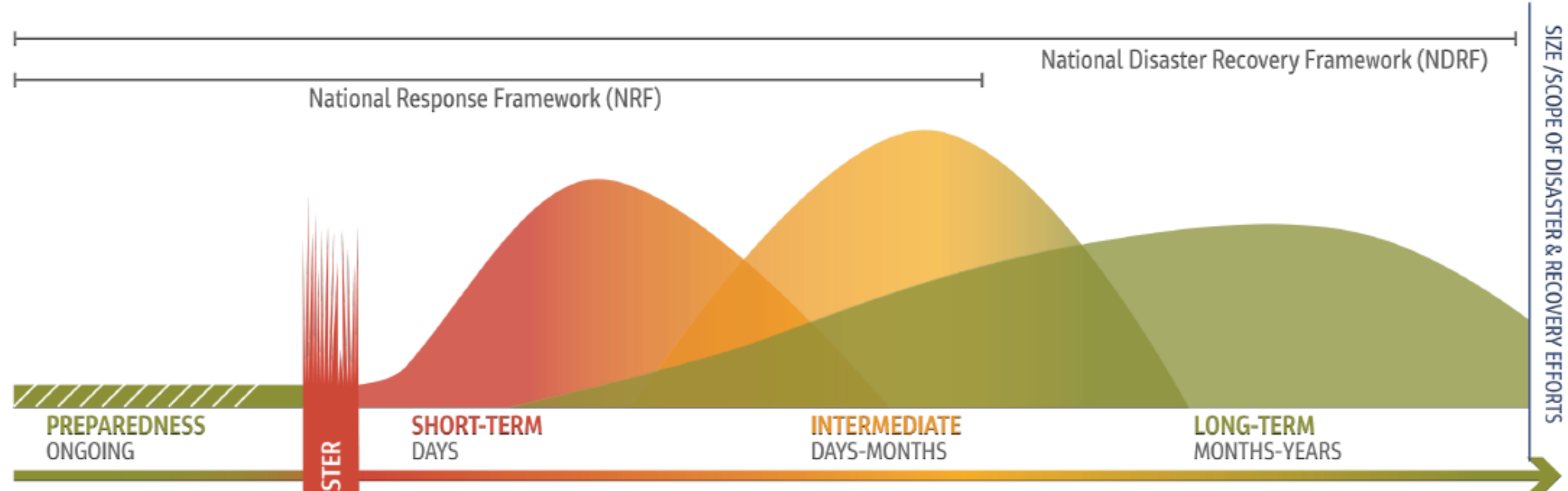


CITY OF KEY WEST POST DISASTER RESPONSE & RECONSTRUCTION PLAN

- 1) To provide organization, goals and support following major disasters (rare)
- 2) To identify and advance mitigation projects that will make recovery easier (annually)



MAY 2021



Adapted from FEMA.gov.

Major Streets Cleared
 Re-entry Allowed
 Curfews Reduced

Building moratorium lifted
 Power/Water Restored
 Schools Open
 Most Roads/Signals Working
 Interim Housing

Rebuilding
 Rehoming
 Restoration
 Revitalization



Who Helped Guide the PDRRP?



Adaptation Planning Team:

- Katie Halloran, Planning
- Steve McAlearney, Engineering
- Kelly Crowe, Engineering
- JP Castro, Utilities
- Raj Ramsingh/Terry Justice, Building
- Scott Fraser, FEMA Liaison
- Alison Higgins, Sustainability
- Patti McLaughlin, City Manager

Technical Stakeholders:

- Alan Averett, Fire Chief
- Ann Henderson, Planning Bd.
- Elisa Levy, Strategic Planner
- Enid Torregrossa, HARC
- Joe Moody, HARC Board
- Kenny Wardlow, Emer. Mgmt
- Teri Johnston, Mayor
- Scott Miller, Sustainability Bd.
- Sean Brandenburg, Police Chief
- Monroe County
- City of Marathon
- City of Key Colony Beach
- City of Layton
- City of Miami
- Village of Islamorada
- Architects
- Contractors Association
- FIRM
- Insurance Industry
- Banks/Lenders
- Real Estate
- Planners
- Hallendale Beach

Post Disaster Recovery and Reconstruction Plan

Proposed Comp Plan Changes

Glossary

- Coastal High Hazard Flooding
- Floodproofing
- Repetitive Loss Property
- Retrofitting
- Severe Repetitive Loss Property
- **Substantial Improvement**: Existing Modified FEMA Definition from Sec 14-35
- **Substantial Damage**: Existing Modified FEMA Definition from Sec 14-35

Future Land Use Element

- **1-1.1.1: Planning Horizons:** Adds Climate Change at 50 and 100 years.
- **1-1.1.16: NEW - Enact Resilient Standards:** Calls for stronger local development and redevelopment standards in high-risk areas.
- **1-10.1.4: NEW - Establishing the Key West Historic District Adaptation Action Area.**
- **1-1.10.5: NEW - Amending Future Land Use Maps to Incorporate AAA's and other Resilience Strategies.** Enables future planning.

Historic Preservation Element

- **1A-1.3.1: Rehabilitation and Adaptive Re-Use:** Explore programs to reduce risks associated with climate change. Tied to AAA.
- **1A-1.5.3: Activities of the Disaster Hurricane Recovery Task Force:**
Updates Name

Housing Element

- **Policy 3-1.2.1: Elimination of Substandard Housing Conditions and ~~Structural and Aesthetic Improvement of Housing~~:** Peril of Flood related: “eliminate inappropriate and unsafe development”; Help older homes meet 2002 Code (SHIP); Pursue CRA points; **Voluntary Acquisition** of RL/SRL properties; and encourage BMPs for floodplain.
- **Policy 3-1.2.2: NEW - Pursue Opportunities to **acquire** Repetitive Loss and Severe Repetitive Loss Properties:** Work with Monroe County Mitigation Program to purchase RL/SRL properties.

Public Facilities Element

Goal 4-3: Provide Adequate Drainage:

- **4-3.1.5: Buffer Zone Requirements:** Create overlay zones to link drainage/retention areas; Voluntarily **acquire** RL/SRL properties.
- **4-3.1.6: Managing Land Use in the Floodplain:** Improve resistance to flooding; Protect Floodplain; Balance imperviousness; Create AAAs; Conservation easements; Minimum drainage standards; Increased freeboard; No slab on grade; **Voluntary acquisition** of RL/SRL; Expand green infrastructure

Coastal Management Element

- **5-1.1.3: Protect, Stabilize, and Enhance the Coastal and Wetland Shorelines:** Peril of Flood related. Calls for a Shoreline Stabilization Study.
- **5-1.3.2 Natural Shoreline and Beach/Dune Stabilization:** References shoreline characteristics in LDRs, Sec. 122-1148.

Coastal Management Element

- **5-1.5.2: NEW - Local Coastal Construction Control Line and Coastal Construction Zones**: Brings LDRs into Comp Plan.
- **5-1.5.3: Adaptation Action Areas**. Further fleshes out AAAs: reducing vulnerability; Increasing resiliency; Pursuing grants, Collaboration; Laundry list of possible actions, including **voluntary buy out**.

Coastal Management Element

- **OBJECTIVE 5-1.7: POST-DISASTER REDEVELOPMENT (BMP Language)**

Implementation (in conjunction with Emergency Manager):

- Pre-Disaster Activities (Adaptation Team):
 - Annual Disaster Mitigation Workplan (training, mitigation, collaboration)
 - Coordinate PDRRP updates (every 5 years, or after major disaster)
- Post Disaster Activities (Recovery Task Force)
 - If Disaster warrants, City Commission authorizes the Recovery Task Force
 - City Manager appoints the Recovery Task Force team
(Redevelopment, Economic, Transportation, Environment, Communications)

Coastal Management Element

5-1.7.1 Recovery Operations:

- Drafts plan for Recovery for City Commission.
- ~~60 Day activation.~~

5-1.7.2 Incident Recovery Management Plan:

- Long term Strategic Actions proposed to Incident Mgmt Team
- Possible Actions outlined in the PDRRP.

Coastal Management Element

5-1.7.4: - Annual Disaster Mitigation Workplan ~~Hazard Mitigation and Comprehensive Plan Amendments.~~

Coordinated through Adaptation Team/Emergency Manager.

Developed as part of Budget Preparation

Covers training, resources, policy, procurements, education, outreach, and projects (hardening, elevation, energy, transportation, housing, resilience hubs, communications).

COMMUNICATIONS

Commit to two-way communication between City Hall and residents and communication among City agencies

FUNDING

Ensure responsible fiscal policy and strong financial stewardship

LAND USE & BUILDINGS

Modernize and streamline land use, zoning policy, and other regulations to reduce risk and promote sustainable development

Conservation Element

- **6-1.2.1: Water Quality, Surface Water Management and Land Use:** Adds green infrastructure options and searching for fee/funding models for retention/detention projects.
- **6-1.2.19: Disaster Readiness:** Work with partners to investigate a strategy and timeline to create potable water locally, through desalination, reverse osmosis and other sustainable means.

Conservation Element

- **6-1.3.1: Enforce Policies to Maintain Floodplain:** Peril of Flood related. **Voluntary acquisition** of RL/SRL properties; Co-benefit projects; Maintain flood carrying and storage capacity.

Intergovernmental Element

Objective: 8-1.6 ECONOMIC DEVELOPMENT

PDRRP Goal gap. FEMA/FDEM language.

Economic diversity goal and strategies for better resilience.

- 8-1.6.1 – Coordination with Economic Development Entities:

Encourage an Economic Development Council.

- 8-1.2 – Collaboration with Economic Development Entities:

Support projects deemed to have positive impacts

Questions?

CITY OF KEY WEST POST DISASTER RESPONSE & RECONSTRUCTION PLAN

- 1) To provide organization, goals and support following major disasters (rare)
- 2) To identify and advance mitigation projects that will make recovery easier (annually)



MAY 2021