



CENTRALINA
REGIONAL COUNCIL

Regional Resilience Collaborative Recovery as an Opportunity

Addressing Social Vulnerability and
Building Economic Resilience



Centralina

Economic Development District

November 16, 2021

Welcome

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Executive Director
Centralina Regional Council

Regional Resilience Collaborative Project Team

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IEM*

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Regional Resilience Collaborative Objective

Support and empower the region's ability to develop and implement long-term recovery efforts for the whole community, by increasing the efficiency, capacity and resiliency of local government operations.



CENTRALINA REGION DISASTER RECOVERY PLANNING PARTNERS



CENTRALINA REGION

Agenda & Workshop Objectives

1. Role of Local Leaders in Recovery
2. GIS Equity Planning Tool Demonstration
3. Opportunities for Funding and Collaboration
4. Next Steps for the Collaborative



Role of Local Leaders in Recovery

Recovery as an Opportunity

Recovery Phases

Response



DAYS - WEEKS

Short-term
Recovery



WEEKS - MONTHS

Long-term Recovery
& Resilience



MONTHS - YEARS

An important place to start...

Emergency management
owns the PLAN

County/city management
owns the RECOVERY

Directing Recovery Activities



Building Working Groups



Economic Recovery

Private economic development efforts fuel recovery. This group can maximize public funds available to assist businesses through reliable transportation, workforce development and risk mitigation.

Working Group Partners

- Chambers of Commerce
- Centralina Regional Council and Economic Development District
- County Economic Development Commission
- Business Leaders
- Agriculture



Health and Social Services

This group should focus on vulnerable populations, including children and people with physical and mental health challenges.

Working Group Partners

- Department of Human Services
- Health Department
- Community-based and Faith-based Organizations
- School Districts



Housing Recovery

Housing is traditionally the most complicated area of recovery. This group can perform market analysis, identify the availability of affordable housing, investigate and sponsor interim and permanent housing solutions, help facilitate insurance and bank loan issues, and encourage private housing development.

Working Group Partners

- Social Services and Homeless Support Providers
- Developers and Contractors
- Bankers and Mortgage Officers
- Insurance Professionals
- Non-Profit Housing Providers

Building Working Groups



Infrastructure Systems

This group should assist with the damage assessment and promote rebuilding resilient infrastructure suitable for the future.

Working Group Partners

- Public Works
- Water and Sewer
- Utility Providers
- Department of Transportation
- Stormwater/floodplain Authority



Natural and Cultural Resources

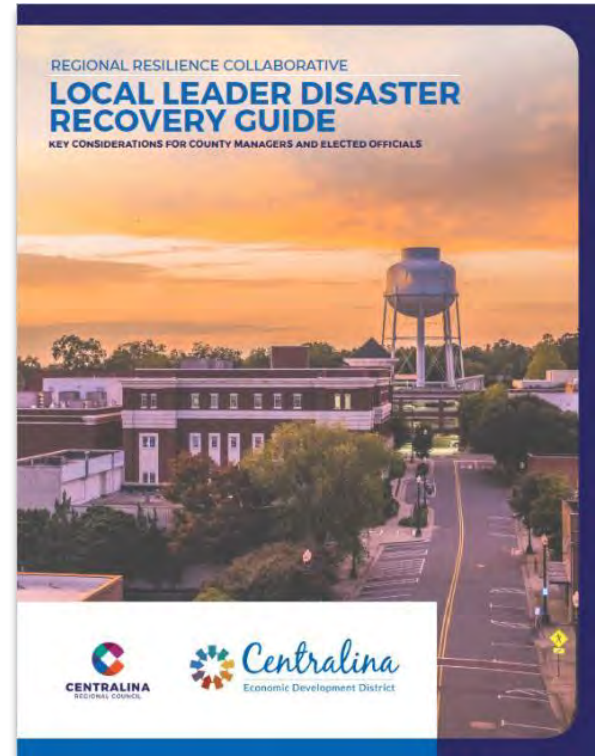
Working group members can address environmental contamination or damage to waterways, parks and open spaces. Repair and restoration of important historic landmarks and buildings can help restore a community's identity.

Working Group Partners

- Planning and Development Department
- Parks and Recreation, Park Managers
- Soil and Water Conservation District
- Environmental and Landscape Architects
- Historians and Cultural Societies

Local Leader Disaster Recovery Guide

- Pay careful attention to financial recordkeeping
- Document damage and pay attention to citizen needs
- Find a recovery leader and management team
- Establish public outreach and communication strategies
- Start with a vision



An important place to start...

Recovery partners carry out their
DAY-TO-DAY FUNCTIONS
under different conditions

Provide staff, expertise, experience, resources

Key Recovery Takeaways

- Use the opportunities disasters present to solve pre-disaster problems
- Take time to build a post-disaster plan
 - Involve community and draw on existing plans
- Communicate and celebrate success and progress
- Draw on the experience of others



Discussion

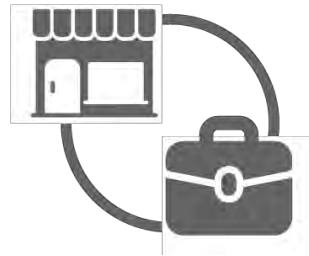
GIS Tool Demonstration

Informing Pre-disaster planning
and Post-disaster Recovery

Recovery is an Opportunity to Build Resilience and Advance Equity



Infrastructure



Economic



Community



Equity

GIS Tool - Use Cases

Pre-disaster Planning

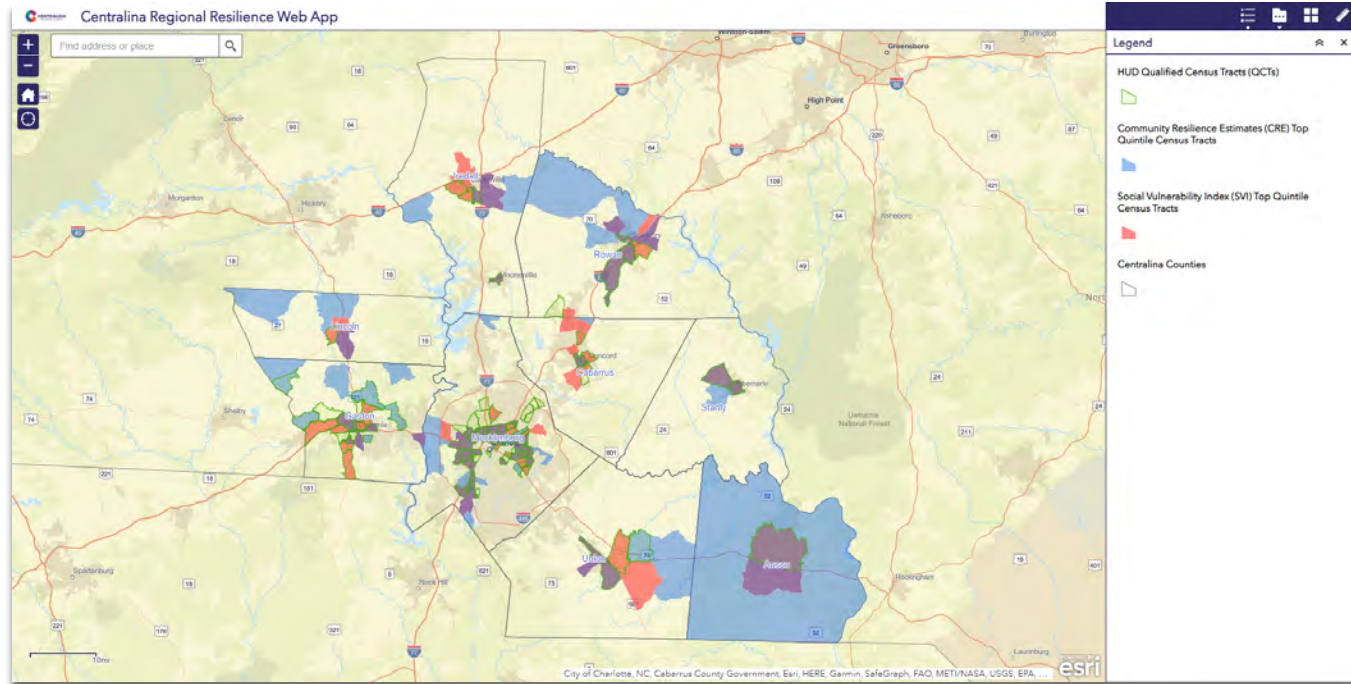
- Establish overall approach to recovery
- Unknown impact
- Unknown community recovery needs

Post-Disaster Planning

- Identify specific projects and strategies
- Assess impacts
- Assess community recovery needs

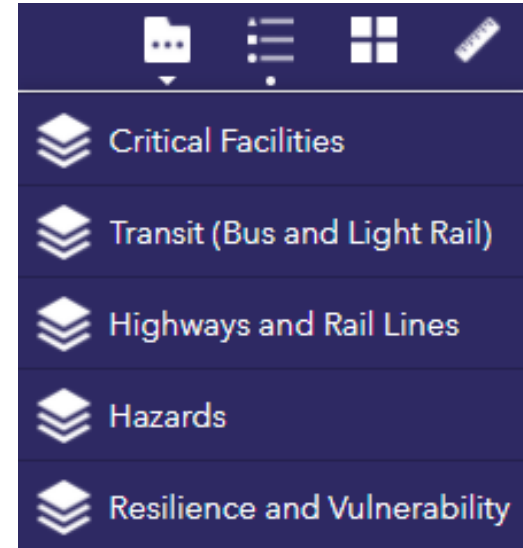
GIS Demonstration

- Interactive webmap built on the ArcGIS Online platform
- Users can pan, zoom, search for addresses or locations, click on features to view more information, and toggle layers on and off

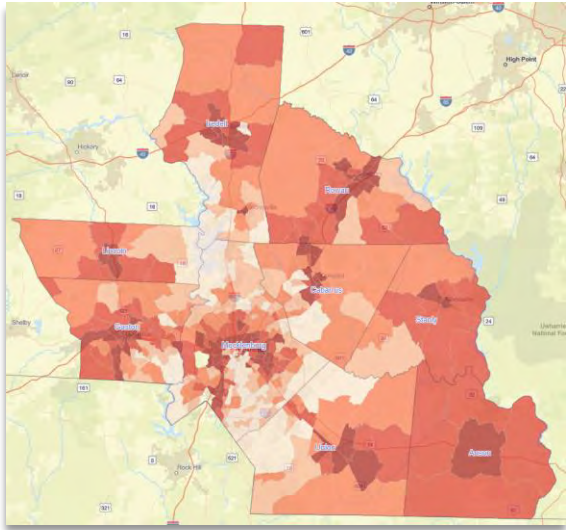


Layer Types

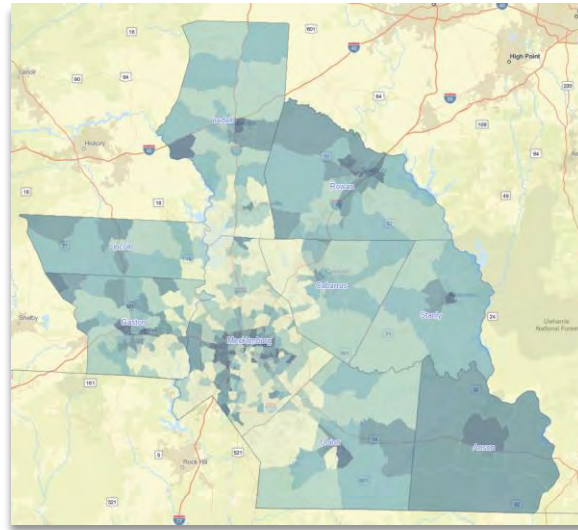
- 38 layers in 5 category folders:
 - Critical Facilities
 - Transit (Bus and Light Rail)
 - Highways and Rail Lines
 - Hazards
 - Resilience and Vulnerability
- Layers can be turned on and off individually or as a category to enable custom views and analysis



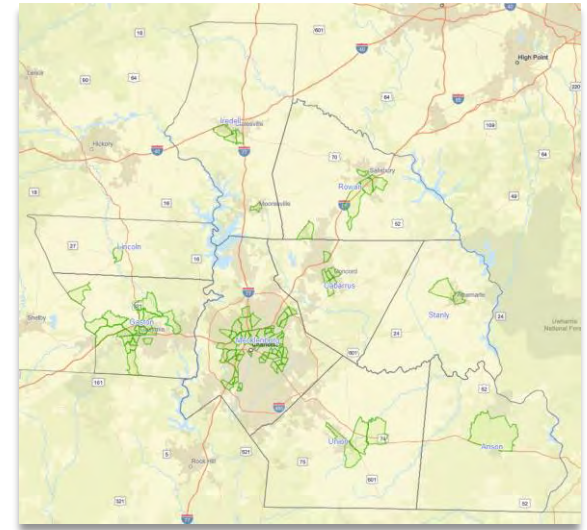
Vulnerability and Resilience



CDC Social Vulnerability Index (SVI)



Census Community Resilience Estimates (CRE)



HUD Qualified Census Tracts (QCTs)

Vulnerability and Resilience Data Sets

CDC Social Vulnerability Index (SVI) (2018)

- Examines 15 variables organized into four themes:
 - Socioeconomic status
 - Household composition and Disability
 - Minority Status and Language
 - Housing Type and Transportation
- Symbolized in percentiles from 0 to 1

Census Bureau Community Resilience Estimates (CRE) (2019)

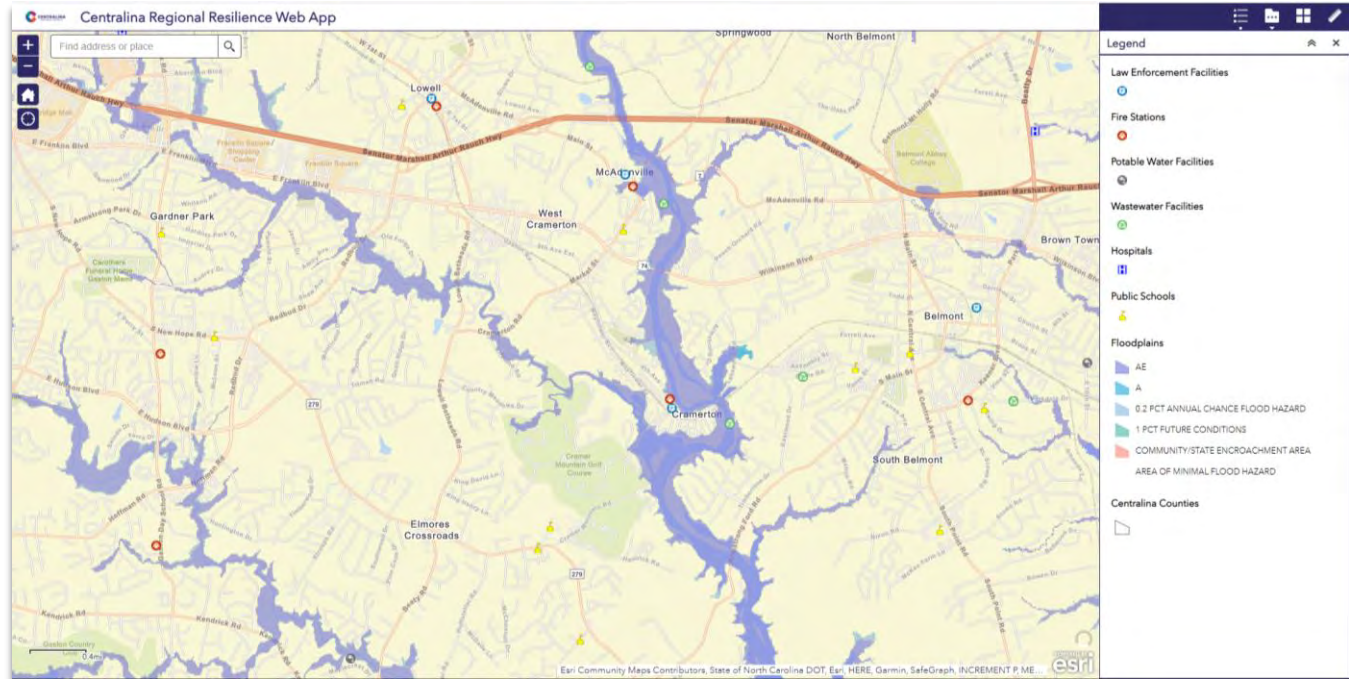
- Examines 10 factors from Census data including poverty, communications, disabilities, employment, and age
- Symbolized by % of population with three or more risk factors

HUD Qualified Census Tracts (QCTs) (2022)

- Tracts where 50% of households have incomes below 60% of the Area Median Gross Income (AMGI) or with a poverty rate of 25% or more

Flood Hazard

- Flood zone data from FEMA's Digital Flood Insurance Rate Maps (FIRMs)
- Zoom in to examine intersections with critical facilities or other areas of interest



Transportation

- Transit (Bus and Light Rail)
 - Includes layers for bus routes and LYNX light rail routes and stations for applicable counties within the region
- Highways and Rail Lines
 - Roads including interstates, US and NC highways, and local roads
 - Rail including Amtrak routes and stations



Critical Facilities

- Bridges
- Law enforcement facilities
- Fire stations
- Local EOCs
- Nuclear power
- Potable water
- Wastewater
- Hospitals
- EMS
- Medical facilities
- Dams
- Public schools
- Non-public schools
- Nursing homes
- Aircraft landing facilities



Discussion

Regional Resilience Collaborative Program Launch



520+
Contacts



87
Program
Development Meetings



3
Workshops



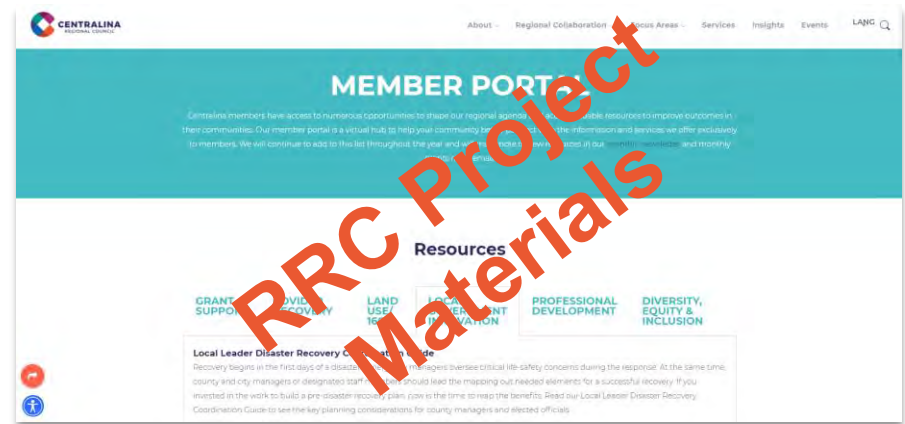
10
Work
Products

Regional Resilience Collaborative Web Resources



Centralina Regional Resilience Collaborative Home Page

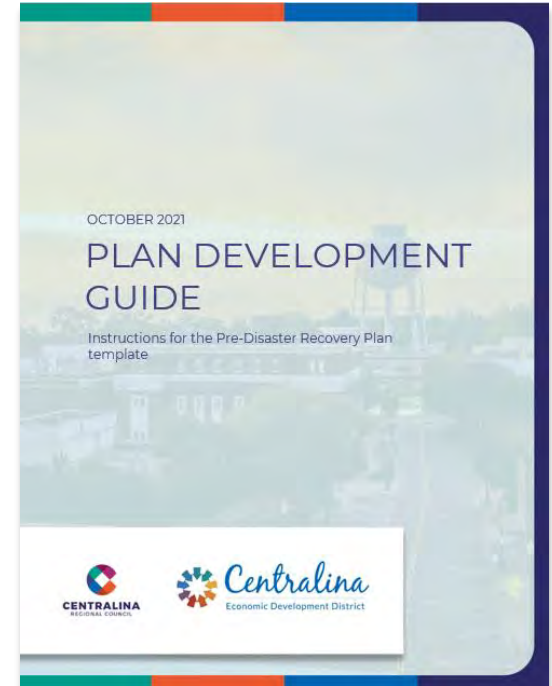
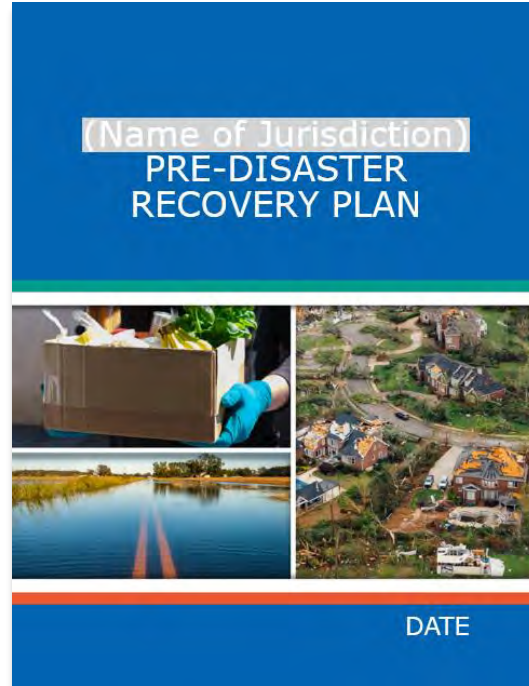
Centralina *Member* Benefits



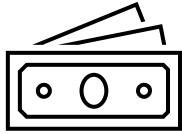
Housed on the Centralina *Member Portal*

Regional Resilience Collaborative

County-Specific
Resources



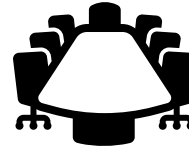
Centralina Recovery Support Services



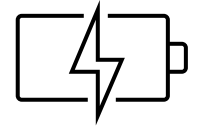
- Access to Flexible Capital and Grants
- Small Business and Micro-Enterprise Support
- Local Economic Capacity Building



- Disaster Recovery Job Positions
- Project Management
- Tracking Regional Assets
- Technical Assistance
- Recovery Support Functions
- Whole Community Outreach and Engagement



- Government Coordination
- Whole Community Collaboration
- Community Partnership Management
- Workforce Upskilling
- Health and Human Services Connectivity



- Infrastructure Resiliency
- Nature-based solutions
- Flood Hazard Management
- Digital Inclusion
- Risk Mitigation

Funding Opportunities

Potential

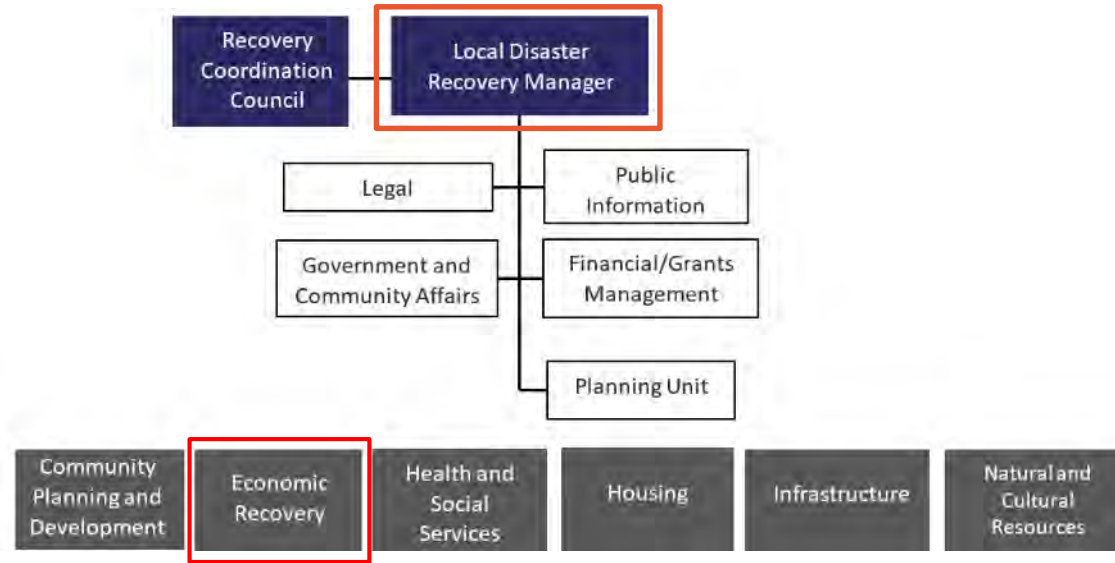
- American Rescue Plan Act
- FEMA Hazard Mitigation Planning
 - Homeland Security Grant Program
 - Building Resilient Infrastructure and Communities
 - Flood Hazard Assistance
- U.S. Economic Development Administration
- U.S. Department of Agriculture
- Housing and Urban Development
 - Community Development Block Grant

Existing

- NC EM State Hazard Mitigation Planning
 - Emergency Management Performance Grant
 - State Homeland Security Program
- NC Office of Resilience & Recovery
- NC Commerce
- Urban Areas Security Initiative
- McGuire and Catawba Plan – Duke Energy

Recovery Leadership

Local Disaster Recovery Manager



Example LDRM:

- County Manager
- Deputy County Manager
- County Executive Staff
- Department Director
- Outside hire

Local Disaster Recovery Manager

Logistics Management
Institute [LMI]

Local Disaster Recovery Manager

Mission Area:	Recovery Activity:	Organizational Level:
Recovery	Leadership and Administration	Management
Position description:	The Local Disaster Recovery Manager implements, coordinates, and advocates local disaster recovery goals, objectives, and outcomes set by the community. The Local Disaster Recovery Manager takes a holistic view of implementation as sets of project activities, linking internal local government activities with those of the community's stakeholders to ensure progress and completion of outcomes identified in community plans, strategies, or other recovery objectives.	
Job duties:	<ul style="list-style-type: none">• Facilitates and supports effective decision-making and coordination across management and coordination levels for recovery objectives and activities, including Leadership and Administration, Policy and Oversight, Funding and Financial Management, Community Planning and Land Use, Housing Recovery, Infrastructure Recovery, Natural and Cultural Resources Recovery, Economic Recovery, and Public Health and Welfare.• Integrates recovery implementation with community recovery planning processes.• Ensures a well-managed recovery, including development and coordination of partnerships and a well-administered financial acquisition and grants management process.• Fosters information sharing and manages proactive community engagement, public participation and public awareness.• Encourages organizational flexibility.• Integrates resilient rebuilding into all recovery projects.• Recruits, assigns, and manages appropriate staffing level.• Communicates community recovery needs and priorities to federal and state agencies.• Works with activity coordinators in setting and managing priorities and budgets.	
Experience:	Expertise in municipal government and local disaster recovery. Experience serving in a program management leadership capacity. Knowledge of local, state, and federal disaster recovery policies, institutions, and officials. Demonstrated cooperative interaction with the public and government leaders.	
Education:	Post-secondary degree or coursework in areas such as public administration, business administration, planning, political science, economics, emergency management, homeland security, or criminal justice preferred.	
Licenses/certifications:	None required.	

Economic Recovery Coordinator

Logistics Management Institute [LMI]

Economic Recovery Coordinator

Mission Area:	Recovery Activity:	Organizational Level:
Recovery	Economic Recovery	Coordination
Position description:	The Economic Recovery Coordinator sustains or rebuilds businesses and employment, and develops economic opportunities that result in a sustainable and economically resilient community.	
Job duties:	<ul style="list-style-type: none">• Supports the overall economic recovery activity including economic planning, agricultural planning, and case management.• Identifies representatives from the private industry, local government, non-governmental organizations (NGOs), and community leaders to help guide the economic recovery process.• Works with the Legal Advisor to develop or modify regulations to promote economic recovery.• Works with the Individual Assistance Coordinator to fill individual needs.• Works with Funding and Financial Management Coordinator and Grants Writer/Researcher to identify available economic grants.• Oversees the economic analysis of the financial disruption caused by the disaster.• Oversees business assistance recovery centers and works with the Small Business Administration and private organizations to offer loans/grants to local businesses.• Coordinates with the Housing Recovery Coordinator on issues relating to housing and workforce development.• Establishes workforce development initiatives to create or maintain jobs.• Works with the Infrastructure Recovery Coordinator and Hazard Mitigation Manager to oversee mitigation projects to rebuild businesses in a more resilient manner.• Manages issues inhibiting economic recovery, such as supply chain and physical infrastructure interdependency.• Measures the economic recovery progress through the use of metrics.	
Experience:	Knowledge of the federal, state, and local laws, regulations, rules, policies, procedures, and methods governing housing and related activities. Expertise in post-disaster economic recovery, including business continuity planning, interfacing with the Small Business Administration, is a plus.	
Education:	Post-secondary degree or coursework in business, economics, public administration, or community planning preferred.	
Licenses/certifications:	None required.	

Next Steps

- Presentations
 - Centralina Economic Development District, January 20th
 - Centralina Executive Board, January 12th
 - County Managers – Individual Outreach Meetings
- Collaborations
 - Website
 - Member Portal
 - GIS Equity and Resilience tool
- Establish Regional Resilience Collaborative Membership
- Funding for Regional Resilience Collaborative Program

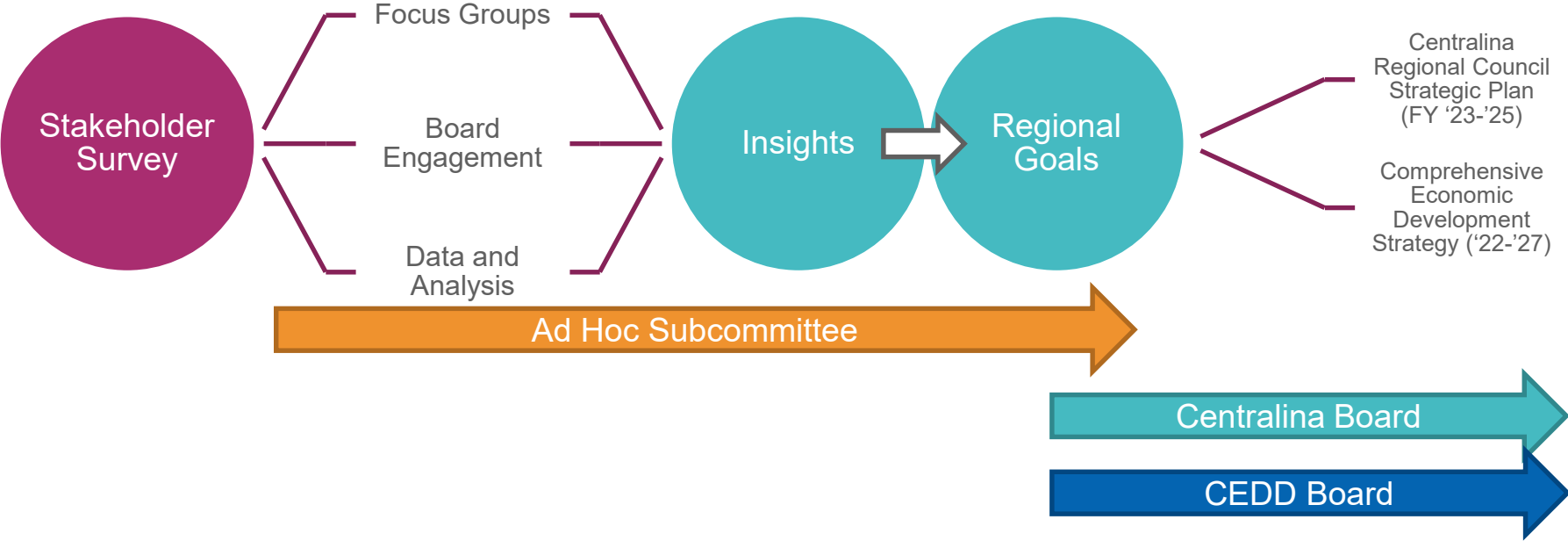
Regional Dialogues Series

- Connect with regional partners and stakeholders
- Understand the major opportunities and challenges facing the region
- Use insights to inform two major planning processes
 - Next Centralina Strategic Plan FY23-FY26
 - Next Comprehensive Economic Development Strategy (CEDS) 2022-2027



Regional Dialogue Series

September 2021 Oct – Nov – Dec December January 2022 February ->



RDS Update & Subcommittee

- ✓ Survey launched September 27
- ✓ Subcommittee gathered October 1
- ✓ Engagement begins!
 - Joining existing meetings and focus groups
 - November 1 – December 10

Subcommittee Members

- Miles Atkins, Mooresville
- Astrid Chirinos, YMCA
- Bobby Compton, Mooresville
- Corinthia Lewis-Lemon, Morven
- Pedro Morey, Waxhaw
- Christine Poinsette, Lincolnton
- Elaine Powell, Mecklenburg County
- Troy Selberg, Harrisburg



Regional Dialogues

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Discussion

Thank You!

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