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September 7th, 2023

Natural Resources Branch Meeting

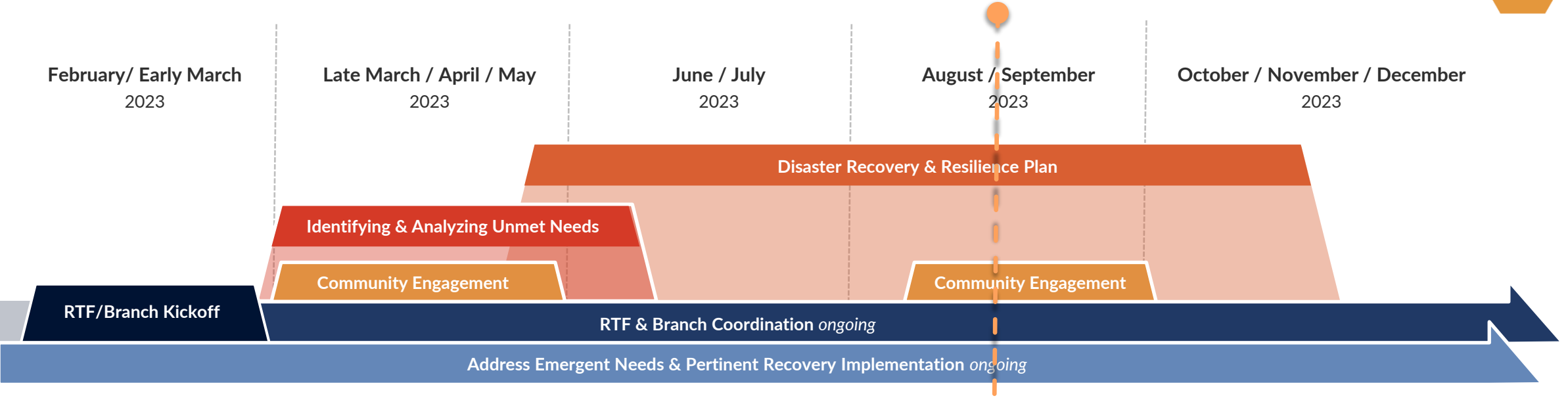
Lee County Recovery Task Force



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LEE

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Timeline for Long-term Recovery Planning



RTF / Branch Kickoff

Establish the working structure for RTF and launch branches. Identify immediate needs and goals to address.

Launch website.

RTF & Branch Coordination

Identify recovery objectives; inform impact and needs assessment; establish projects; incorporate community’s priorities; inform long term planning; oversee recovery plan implementation.

Identifying & Analyzing Unmet Needs

Hurricane Ian storm impact analysis, and a cursory look at outstanding needs that will begin to shape recovery priorities.

Community Engagement

Comprehensive community outreach to inform and validate needs, identify solutions, and validate planning.

Hurricane Ian Disaster Recovery & Resilience Plan

A framework for Lee County’s recovery from Hurricane Ian, including prioritized projects, funding sources, and key stakeholders.

Emergent Needs & Pertinent Recovery Implementation

Conduct recovery operations and manage recovery funding streams: short-term, intermediate, long-term.

RTF is forum to identify emergent and time sensitive needs and identifying best path forward.

Meeting Purpose



Review/validate Natural Resources Initiative Profiles.



Introduce New Proposed Natural Resource Initiative Structure.



Discuss Branch Action Plan.

One on One Meeting Overview

Branch Action Plans

Initiative Profiles

Questions and Next Steps

Public Comment



One on One Meetings



Number of Meetings

12

Objectives

Review Projects and Initiatives with RTF Members and stakeholders to garner feedback in gaps and overall alignment.

Next Steps

Incorporate feedback into Branch Action Plans.

Validated and updated initiative and project alignment

Groups:

- **Municipal Governments**
- **Sheriff's Office**
- **School District**
- **State Delegation Chair**
- **Property Appraiser**
- **Fire Chiefs**
- **Jurisdictional Leadership including:**
 - **City Managers**
 - **Assistant City Managers**
 - **Department Heads**
 - **Public Information Officers**

One on One Meeting Overview

Branch Action Plans

Initiative Profiles

Questions and Next Steps

Public Comment



Branch Action Plans

What is a Branch Action Plan?



- Initiatives each branch wants to submit to the RTF for consideration of inclusion in the plan.
- These will include the recommended initiatives defined as new projects, policy changes, and current project prioritizations from the eight Branches.

Purpose:

- Provide **prioritization recommendations** for existing plans and projects;
- Recommend **new initiatives**; and
- Identify key **policy changes** that can support community resilience.

One on One Meeting Overview

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How to Read an Initiative:



Initiative Title and Number

Each Initiative has a unique title that briefly describes its purpose, and unique identifying number. The number indicates the strategy that the action supports.

Lead

The lead represents the primary organization or position charged with overseeing the action's implementation.

Initiative Description + Progress

The description provides a high-level overview of each action that explains its purpose in the Recovery Action Plan.

Funding

Potential funding or organizations with potential funding are listed here.

Resources

The resources are identified information, guidance, and/or equipment necessary to support implementation.

Where is this Initiative Involved?

Connections to relevant planning documents are noted in this section.

Initiative

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LEAD: [Department Lead]

Initiative Description + Progress

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POTENTIAL FUNDING SOURCE:

- Funding Source's/Program Name
- Funding Source's/Program Name

ORGANIZATIONS WITH POTENTIAL FUNDING:

- Organization's Name
- Organization's Name
- Organization's Name

Resources

- Lorem ipsum dolor sit amet

WHERE IS THIS ACTION INVOLVED?

[xxx] Plan Name..... Pages ###, ###, #

[xxx] Plan Name..... Pages ###, ###, #

[xxx] Plan Name..... Pages ###, ###, #

OBJECTIVE 1.1

PRIORITY LEVEL

Pending

1 2 3 4

MET NEEDS

3 2 4 1

- Safety & Security
- Infrastructure
- Economy
- Quality of Life

MEASURES OF SUCCESS

- Finalized agreements example
- Increase of something example
- Implementation of an example

PARTNERS:

- Partner's Name
- Partner's Name
- Partner's Name
- Partner's Name
- Partner's Name

Priority Level

The following indicators show the action's priority level (low, medium, or high). Three filled in boxes means high, two means medium, and one means low.

Project Partner Type

Each icon shows the type of project partners(s) to support action implementation. They can be City-led (left), Community-led (middle), or Private-Public Partnership-led (right).

Met Needs

Met needs displays the number of priorities that the action addresses.

Measures of Success

Measures of success identify key milestones of successful action implementation.

Partners

Initiatives may require assistance from community partners, which are noted here.

Implementation Steps
The steps outline actionable tasks that are needed for

Initiative

OBJECTIVE

Implementation Steps

1. STEP TITLE (#-# Months/Years)

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2. STEP TITLE (#-# Months/Years)

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Implementation Steps

The steps outline actionable tasks that are needed for implementation at all project phases.

Initiative Profiles



NR01 Identify regulatory actions, including policies and incentives, to reduce impacts on natural resources and the environment.

NR02 Identify direct actions to improve hydrological and ecological conditions.

NR03 Create public education and awareness campaigns to reduce the impact on natural resources.

Current Initiative Profiles Status: Green Infrastructure



Natural Resources Regulatory Actions

DRAFT
Natural Resources Branch
Action Plan

INITIATIVE DESCRIPTION (continued)

The water management focus recommends improving water quality through the following program areas below:

- Septic-to-Sewer Conversion (Coastal Floodplains)

The purpose of septic-to-sewer conversion is to increase the overall number of individuals in the municipalities sewer system since individual septic tanks have a higher risk of releasing bacteria and damaging water quality.

- Green Infrastructure

Green infrastructure or nature-based solutions is incorporating natural features and processes into human-made environments that receive, manage, and enhance overall environmental quality of storm and surface water (runoff). Green infrastructure techniques apply to the use of soils for percolation, vegetation for infiltration, evapotranspiration, and/or recycling of stormwater runoff in efforts to minimize nutrient loading and pollution of freshwater and estuarine systems.

- Stormwater Drainage Design Criteria

Stormwater Drainage Design Criteria are design requirements which can include city evaluations, 25–100-year storm criteria, or best practices above and beyond general permitting markers.

Please note that some of the program focuses (Green Infrastructure and DR/GR) are overlayed in both Land and Water Management but outlined in Land Management.

Wildlife Protection

Hurricane Ian destroyed many habitats in Lee County due to debris and the decrease in water quality. The preservation of these habitats comes from regulations that are formed from understanding the species needs and the county's resiliency and recovery plan to rebuild.

Natural Resources Regulatory Actions

DRAFT
Natural Resources Branch
Action Plan

Recommended Implementation Steps (continued)

RECOMMENDATION 3: DEVELOP POLICY TO IMPROVE WATER QUALITY

(DEC. 2023-AUG. 2024) (EST. COST - \$XX.X)

LEADS – LEE COUNTY

Water Management

The purpose of water management policies is to create policies that work to improve water quality in Lee County through prioritizing septic to sewer conversion in environmentally sensitive areas, stormwater drainage design criteria and flood management, Density Reduction and groundwater, green infrastructure and coastal advisory council.

MILESTONES

3.1. Take all actions to initiate protective policies including the following partners: Natural Resource Branch, Lee County, Conservation 20/20 Department, Coastal Advisory Council, and Natural Resources Regulatory County Working Group.

3.2. Gather similar doctrine and policy to develop recommendations for the following policy development:

- Septic to Sewer Conversions in environmentally sensitive areas.
- Stormwater drainage design criteria for flood management.
- Green Infrastructure.

3.3. Make recommendations on the study findings and implement policies based on consensus in working group.

Current Initiative Profiles Status: Water Quality



DRAFT

Natural Resources Regulatory Actions

Natural Resources Branch
Action Plan

Recommended Implementation Steps (continued)

RECOMMENDATION 3: DEVELOP POLICY TO IMPROVE WATER QUALITY

(DEC. 2023-AUG. 2024) (EST. COST - \$XX.X)

LEADS – LEE COUNTY

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Citizen and Community Participation and Education



- **Citizen and Community Participation and Education** - enhance the community character, sustain natural resources, and involve the public in decisions that affect them, by providing educational and participation opportunities



Recommended Initiatives:



- **NR01: Water Quality and Green Infrastructure-** Improve water quality and stormwater management through green infrastructure policy
- **NR02: Community Outreach and Education-** Public education and awareness campaigns to reduce the impact on natural resources.
- **NR03: Wildlife Protection-** Create and implement policies to protect the diverse wildlife and marine species of Lee County.
- **NR04: Coastal Protection** – Preserve coastal resources such as mangrove forests and wetlands that serve as natural buffers to coastal communities.
- **NR05: Land Management** – To conserve and protect the land of the County through the acquisition of natural areas
- **NR06: Debris Management-** Address existing challenges of debris management while planning for future hazards to minimize the impact of debris staging and storage sites on natural resources
- **NR07: Multi-Use Trails-**Develop multi-use paths and roads that support walking and biking, improving transportation capabilities
- **NR08 Economic Impact and Access to Natural Resources-** Assess the economic impact of natural resources and support economic recovery for associated industries that rely on sustainable access

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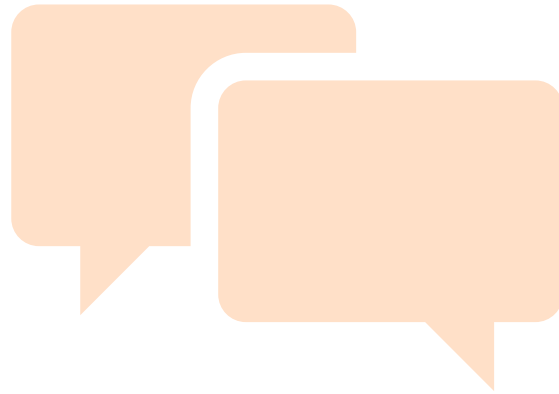
Initiative Profiles

Questions and Next Steps

Public Comment



Discussion and Questions



**Discussion to close
after final member
questions and next
steps, before opening
to Public Comment.**

Next Steps



Next Items

- Finalize draft Branch Action Plan
- Submit additional Initiative Profile feedback

Next Meeting

- TBD

One on One Meeting Overview

Branch Action Plans

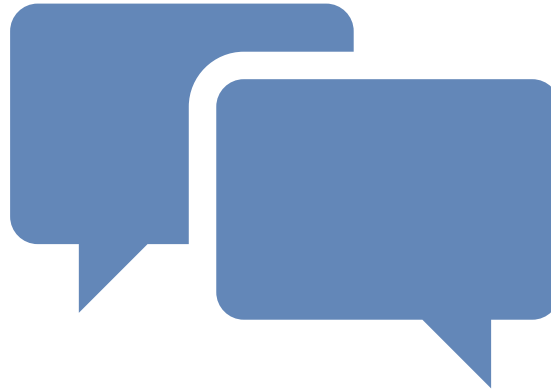
Initiative Profiles

Questions and Next Steps

Public Comment



Public Comment





Adjourn

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Natural Resources Branch



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