



Terry Mazany
July 21, 2023

Natural Resources Branch July Meeting

Lee County Recovery Task Force



RESILIENT
LEE

RESILIENTLEE.ORG

Introductions

Branch Initiatives Discussion

Branch Technical Briefs

Branch Action Plans

Questions and Next Steps

Public Comment



Introductions



Membership:

Branch Lead:

- Dan DeLisi

Branch Members:

- Daniel Andrews
- Ryan Berger
- Chadd Chustz
- James Evans
- Kate Gooderham
- Joanne Ribble
- Dr. Maya Robert
- Dr. Mary Beth Saunders
- Casey Streeter
- Matt Caldwell
- Holly Milbrandt
- Bethany Brosious
- Justin Mahon
- Emily Porter
- Fred Forbes
- Ron George
- Randall Jones

Introductions



Branch Meeting Support Team

Facilitator(s)

- Terry Mazany

Branch Support

- Robbie Heere

Meeting Purpose



Finalize Branch Initiative Matrix and gaps in priority alignment.

Introductions

Branch Initiatives Discussion

Branch Technical Briefs

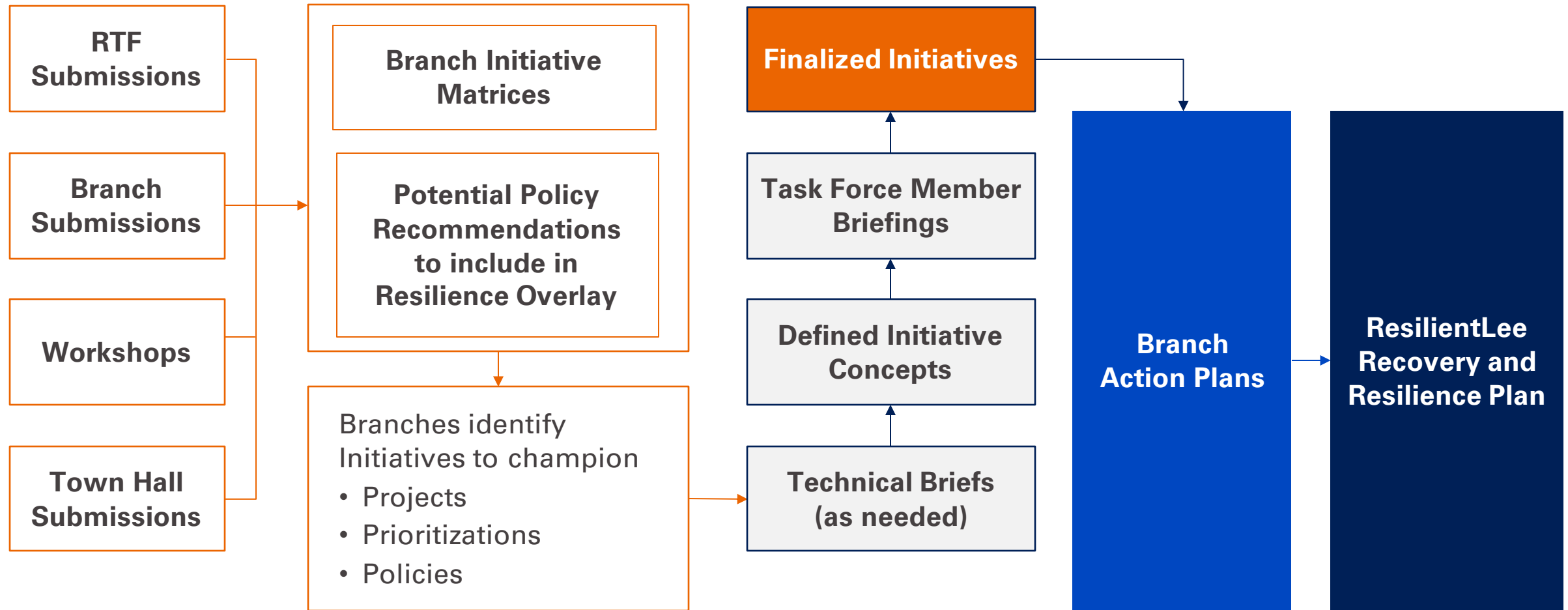
Branch Action Plans

Questions and Next Steps

Public Comment



Initiative Development Process



Considerations



 **Do the Initiatives align with the Branch priorities?**

 **How can we finalize these Initiatives today?**

 **What steps are needed to finalize projects?**

Initiatives



Priority 1: Determine regulatory actions and incentives to address impacts of natural resources, including identifying mixed-use spaces that can be used for future debris staging with minimal to no impact to the environment

Initiative:

- Identify regulatory actions, including policies and incentives, to reduce impacts on natural resources and the environment and promote mixed-use spaces.

Priority 2: Direct actions to improve hydrological and ecological conditions

Initiative:

- Identify direct actions to improve hydrological and ecological conditions.

Priority 3: Create public education and awareness campaigns to reduce the impact on natural resources

Initiative:

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

Introductions

Branch Initiatives Discussion

Branch Technical Briefs

Branch Action Plans

Questions and Next Steps

Public Comment



Technical Brief Request

Green Infrastructure



- What are examples of green infrastructure policies in similarly situated communities that aim to reduce nutrient loading for the improvement of water quality?

What is a Technical Brief?

- Technical Briefs will connect Branch members with technical expertise on requested topics.
- Briefs will be short summaries including a combination of case study review, research, and subject matter expertise to provide branch members with information useful in developing an initiative.

Green Infrastructure Technical Brief



Best Practices

- Constructed Wetlands
- Bioswales
- Rain Gardens and Planter Boxes
- Permeable Pavements
- Urban Tree Canopy
- Green Roofs
- Citizen and Community Participation and Education

Relevant Real-World Examples

- **Constructed Wetlands:** Curry Lake in Babcock Ranch serves as a model for surface-water management strategies. About 70 acres of land have been rehydrated to previous conditions.
- **Bioswales:** Cape Coral launched a pilot program funded by \$2.2 million in Total Maximum Daily Load grant funding from the Department of Environmental Protection to replace 1,600 catch basins and install approximately 9,000 lineal feet of bioswales in fall 2020.

Leads

Local

- Lee County Natural Resources Department
- Lee County Utilities Department
- Cape Coral Public Works Department
- Fort Myers Public Works Department
- Village of Estero Public Works
- Bonita Springs Public Works
- Sanibel Public Works Department

Regional

- Southwest Florida Water Management District Agencies
- Greater Pine Island Water Association
- Florida Gulf Coast University Water School
- Collaboratory
- University of Florida FIBER

Introductions

Branch Initiatives Discussion

Branch Technical Briefs

Branch Action Plans

Questions and Next Steps

Public Comment



Branch Action Plans

What is a Branch Action Plan?



- Branches will develop an Action Plan that will become annexes to Initiatives in the final 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 and funding sources** that can support community resilience.

Introductions

Branch Initiatives Discussion

Branch Technical Briefs

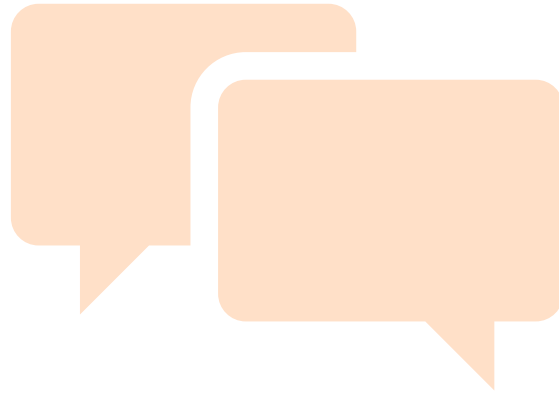
Branch Action Plan

Questions and Next Steps

Public Comment



Discussion and Questions



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

Branch Member Responsibilities



Branches will need to accomplish the following to successfully develop an action plan:

-  Participate in workshops related to Branch priorities/initiatives.
-  Deliberate best approaches to addressing priorities.
-  Identify topics requiring technical briefs to fill information gaps.
-  Identify and collaborate with key partners/stakeholders who might implement initiatives or enact policy changes.
-  Facilitate the design (concept and approach) of the initiatives and identifying a lead to facilitate initiative implementation.

Next Steps



Next Meeting

- Friday, August 4, 2023 | 10:30 am – 12:00 pm

Next Items to Accomplish

- **Submit preferred title and a photo for the ResilientLee website**
 - Daniel Andrews
 - Ryan Berger
 - Chadd Chustz
 - Fred Forbes
 - Randall Jones
 - Dr. Maya Roberts
 - Holly Milbrandt
 - Casey Streeter
- Begin developing the Branch Action Plan

Introductions

Recovery Task Force

Branch Initiatives Discussion

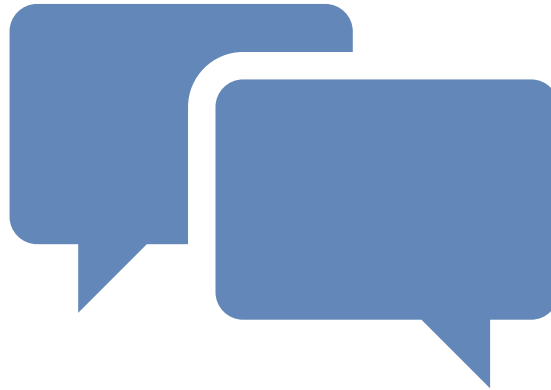
Branch Technical Briefs

Questions and Next Steps

Public Comment



Public Comment





Adjourn

Email: info@resilientlee.org

Natural Resources Branch



RESILIENT
LEE

[RESILIENTLEE.ORG](https://resilientlee.org)