THANK YOU FOR JOINING THE MEETING WILL BEGIN AT 1:00 PM

Chapter 5 Workshop (Prosperity)

Economic Resiliency

Resiliency Coalition Members & Partners

March 12, 2021
Chapter 5 Workshop (Prosperity)

Economic Resiliency

Resiliency Coalition Members & Partners

March 12, 2021
MEETING OBJECTIVES

1. Review Best Practices
2. Consider Local Examples
3. Review and Edit Draft Goals/Objectives/Actions
2. Consider How We Measure Success
<table>
<thead>
<tr>
<th></th>
<th>TODAY’S SCHEDULE</th>
<th>Time</th>
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<tbody>
<tr>
<td>1</td>
<td>WELCOME AND INTRODUCTION</td>
<td>1:00 - 1:05</td>
</tr>
<tr>
<td>2</td>
<td>REGIONAL ACTION PLAN OVERVIEW</td>
<td>1:05 - 1:15</td>
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<tr>
<td>3</td>
<td>BUSINESS CASE FOR RESILIENCE</td>
<td>1:15 - 1:30</td>
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<tr>
<td>4</td>
<td>BUSINESS PREPAREDNESS AND RECOVERY</td>
<td>1:30 - 1:45</td>
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<tr>
<td>5</td>
<td>REVIEW OF GOALS/OBJECTIVES/ACTIONS</td>
<td>1:45 - 2:05</td>
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<td>6</td>
<td>BREAKOUT DISCUSSION</td>
<td>2:05 – 2:35</td>
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<td>7</td>
<td>BREAK</td>
<td>2:35 – 2:50</td>
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<tr>
<td>8</td>
<td>REVIEW OF GOALS/OBJECTIVES/ACTIONS</td>
<td>2:50 - 3:10</td>
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<td>9</td>
<td>BREAKOUT DISCUSSION</td>
<td>3:10 – 3:40</td>
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<td>10</td>
<td>WRAP UP DISCUSSION</td>
<td>3:40 – 4:00</td>
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## Upcoming Workshops

<table>
<thead>
<tr>
<th>Subject</th>
<th>Date</th>
<th>Time</th>
<th>Cutoff for Edits</th>
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<tbody>
<tr>
<td>Chapter 3, People</td>
<td>Friday, Feb 12th</td>
<td>1:30 PM – 4PM</td>
<td>2 Weeks after Workshop</td>
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<tr>
<td>Chapter 4, Place – Land Use &amp; Housing</td>
<td>Friday Feb 19th</td>
<td>1:30 PM – 4 PM</td>
<td>2 Weeks after Workshop</td>
</tr>
<tr>
<td>Chapter 4, Place - Ecosystems and Infrastructure</td>
<td>Feb 25th/26th</td>
<td>1 PM – 4 PM</td>
<td>2 Weeks after Workshop</td>
</tr>
<tr>
<td>Chapter 4, Place - Transportation</td>
<td>Friday, March 5th</td>
<td>1 PM – 4 PM</td>
<td>2 Weeks after Workshop</td>
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<tr>
<td>Chapter 5, Prosperity</td>
<td>Friday March 12th</td>
<td>1 PM – 4 PM</td>
<td>2 Weeks after Workshop</td>
</tr>
<tr>
<td>Clean Energy</td>
<td>Friday, March 19th</td>
<td>1 PM – 4 PM</td>
<td>2 Weeks after Workshop</td>
</tr>
<tr>
<td>Post Integrated Draft</td>
<td>Mid-April</td>
<td>NA</td>
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<tr>
<td>MPC Meeting to Review Draft Plan</td>
<td>April 29th/30th</td>
<td>TBD</td>
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</tbody>
</table>
• **Establish Baseline** Provide Background on how goals, objectives and actions were drafted through research on best practices

• **Goal Focused** Review goals, objectives and actions -- define the keepers, delete the good, what’s missing and revising

• **Measuring progress** Discussions should include recommendations for Score Card (metrics) to document progress (goals/actions).

• **Additional Time for Edits** Attendees and members are encouraged to edits goals/objectives/actions 2 weeks after workshop
RRAP

REGIONAL RESILIENCY ACTION PLAN OVERVIEW
DEVELOPMENT of the RRAP

Development of a Regional Resiliency Action Plan with strategies for coordinated regional preparation for and adaptation to a rapidly changing global environment based on mapping of projected sea-level rise and resulting amplification of localized impacts of hurricanes and tropical storms. Plan must also identify funding strategies for mitigation and adaptation actions to deal with those impacts.

STRATEGIES BASED IN SCIENCE

Strategies and actions be based on sound science and technical data, and for coalition members to identify experts for guidance. Encourages use of regionally recognized sea-level rise projections by the TB-CSAP to assess vulnerability, inform planning efforts, and provide guidance on what sea-level rise projections should be incorporated into local planning efforts.
RRAP SCOPE AND PURPOSE

PURPOSE

• Creates a positive aspirational vision of resilient communities — coastal and inland urban, suburban and rural
• Considers federal and state planning requirements
• Defines best practices, national metrics, certification programs
• Includes a scorecard
• Address equity issues throughout the entirety of the document

SCOPE

• Defines new or identifies existing goals, objectives, actions — local and regional — to support alignment on critical issues
• Develop actionable strategies for the next 5 years.
• Prioritize goals and actions to facilitate forward progress through:
  ○ Ensuring goals are high level to ensure widespread acceptance
  ○ Including a strong focus on risk reduction and adaptation
  ○ Integrating mitigation and sustainability
• Considers federal and state planning requirements
• Defines best practices, national metrics, certification programs
• Includes a scorecard
• Address equity issues throughout the entirety of the document
Executive Summary: 20-24 pages

- **Chapter 1: Risks and Future Conditions** – Climate, Driver and Impact Indicators
- **Chapter 2: Community Vulnerability** – Social Demographics and Housing Data, Vulnerability Assessments
- **Chapter 3: People** – Education, Capacity Building, Leadership
- **Chapter 4: Place** – Land Use, Housing, Infrastructure & Ecosystems, Transportation
- **Chapter 5: Prosperity** – Economy
RRAP DEVELOPMENT PROCESS

Workshops to Date

• Table of Contents meetings (Oct. 2nd & 3rd)
• Chapter 1: Risks and Future Conditions (Oct. 30th)
• Chapter 2: Community Vulnerability (Nov. 7th)
• Equity Workshop (Dec. 11th)

Chapter 3, PEOPLE, Friday Feb 12th

Chapter 4, PLACE

• Land Use and Housing Friday Feb. 19th
• Ecosystems and Infrastructure Feb. 25th/26th
• Transportation March 5th

Chapter 5, PROSPERITY, Friday March 12th

Upcoming Workshops

Chapter 5, PROSPERITY, Friday March 12th
Clean Energy, Friday, March 19th

Input Sessions

• 1:1 meetings with staff, stakeholders, SMEs on key topics (sustainability, clean energy, community engagement)
COMMUNITY ENGAGEMENT

Using METROQUEST to collect community input

Funded by REACH/CHASE: focus on flood risks, housing resilience and affordability, goals related to PLACE and PEOPLE Chapters

Create collaborative Outreach Plan – all cities/counties & orgs promote to your community

June – Launch survey. Implement local outreach cities, counties & org through virtual and safe in-person meetings, as needed to reach vulnerable neighborhoods and populations
## PLAN STEPS AND TIMELINE

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<tbody>
<tr>
<td><strong>Chapters Workshops</strong></td>
<td><strong>County &amp; City Workshops</strong></td>
<td><strong>Integrate &amp; Revise Drafts</strong></td>
<td><strong>SC &amp; Council Approval</strong></td>
<td><strong>Local Approval</strong></td>
<td><strong>SUMMIT</strong></td>
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<td>MetroQuest Community Input</td>
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</table>
BUSINESS CASE FOR RESILIENCE

DAVE SOBUS, CECD
DIRECTOR, POLICY RESEARCH
TAMPA BAY PARTNERSHIP
BUSINESS PREPAREDNESS AND RECOVERY

BEAU GILES
DIRECTOR, MEMBERSHIP AND COMMUNITY DEVELOPMENT
SOUTH TAMPA CHAMBER OF COMMERCE
PROSPERITY (GOAL 1)

BUSINESS RECOVERY
PROSPERITY: ASPIRATIONAL GOAL

The regional economy is protected through integrated disaster preparedness and supports growth through resilience innovation in existing industries and new sectors.
Goal 1: Businesses can recover quickly from the impacts of current and future climate hazards.

Goal 2: Key economic sectors and local businesses maintain services and grow.
GOAL ONE: FASTER RECOVERY

Goal: Businesses can recover quickly from the impacts of current and future climate hazards.

Objective 1: Business organizations partner with local governments to provide resources for business disaster planning.

Objective 2: Local governments partner with the business community to implement policies and programs that assist businesses in recovering after a disaster.

Objective 3: Local governments involve the business community in mitigation, disaster preparedness and disaster recovery planning.

Objective 4: Local governments and business efforts increase community health and well-being.
FASTER RECOVERY

Objective 1: Business organizations partner with local governments to provide resources for business disaster planning.
1. **Action:** Local governments work with business in high-risk areas to determine needs and increase continuity planning to aid in disaster recovery efforts.
2. **Action:** Local governments conduct workshops for small businesses to determine needs, wants and constraints related to implementing resilient and sustainable practices.
3. **Action:** Local governments create/update disseminate an educational infographic for businesses with funding and financing services for pre/post-disaster needs and sustainable practices.
Objective 1: Business organizations partner with local
governments to provide resources for business disaster planning.
4. Action: Local governments, with resources provided by the
TBRPC, will develop resources and website information with
best practices, continuity plans and links for responding to and
preparing for hazard events.
5. Action: TBRPC, Local governments and private sector partners
will work together to find available templates for business and
employee preparedness plans and create outreach proposal
for businesses to update these templates.
6. Action: Chambers of commerce will provide training to
companies to conduct employee vulnerability assessments
and develop planning strategies.
Objective 2: Local governments partner with the business community to implement policies and programs that assist businesses in recovering after a disaster.

1. **Action**: Local governments and business groups will coordinate workshops to define specific needs regarding funding mechanisms and financing services for post-disaster repairs and relief such as Small Business Rental Assistance programs.

2. **Action**: Local governments partner with the private sector to identify strategies, policies and streamlined processes to support resilient rebuilding for post disaster reconstruction.

3. **Action**: Increase business capacity to plan for and respond to emergency debris, leveraging resources and expertise from the FDEP Disaster Debris Toolkit.
Objective 3: Local governments involve the business community in mitigation, disaster preparedness and disaster recovery planning

1. **Action:** Chambers of commerce lead local community vulnerability assessments are conducted to define risks, impacts to business areas, key economic sectors, major employers, and small/minority owned businesses

2. **Action:** Local government emergency management will identify and map business sectors that support Community Lifelines which are vital for recovery.

3. **Action:** Local government emergency management will engage the business community in conducting a risk-based cost-benefit analysis for mitigation strategies of at-risk structures identified as part of the natural hazard vulnerability assessment. Identify the assets with the highest short-term risk for inundation. Develop a prioritization process to address mitigation/adaptation strategies for vulnerable assets as part of the Local Mitigation Strategy.
Objective 3: Local governments involve the business community in mitigation, disaster preparedness and disaster recovery planning

4. **Action**: Local governments will work with the identified local critical facility businesses to determine resources needed to aid in timely recovery efforts such as generators, mitigation projects, etc.

5. **Action**: Local government emergency management will develop a process for businesses to coordinate with the EOC for review and execution of Business Continuity Plans.

6. **Action**: Local governments will work with businesses and partners to develop Business Continuity Plans and provide to the EOC for exercising review.

7. **Action**: Local governments will include businesses in updated PDRPs, and other hazard planning documents include input from the business community.
FASTER RECOVERY

Objective 4: Local governments and business efforts increase community health and well-being

1. **Action**: FDOH with health planners, health care providers and economic development agencies create a healthcare services resilience assessment to define access, availability, jobs and gaps by county

2. **Action**: Local government’s emergency management will work with medical facilities to assess risks, impacts and prepare for and recover from natural disasters and future conditions.

3. **Action**: Chambers of Commerce will partner with local governments and the local health department to conduct workshops on heat impacts and labor productivity to increase workforce resilience
Objective 4: Local governments and business efforts increase community health and well-being

4. **Action**: Local governments, health care providers and business organizations support development of community health plans to address chronic illnesses and health impacts to climate hazards.

5. **Action**: Local government emergency management will define public-private mitigation strategies for identified vulnerabilities to medical facilities and develop implementation plan.
Instructions for Breakout Groups

- Click on link in Chat Box.
- Click your group tab.

Add your names. Select an editor/note taker(s).

Enter edits on the row below the draft language.

What are we missing?

30 minutes
BREAK

Return at 2:50 PM
PROSPERITY (GOAL 2)

ECONOMIC GROWTH
GOAL TWO

Goal: Key economic sectors and local businesses maintain services and grow.

Objective 1: The TBRPC will create a coordinated economic and workforce development plan to support growth for higher wage resilience-focused construction, engineering and technology jobs.

Objective 2: Spurring Economic Opportunity and Supporting Equity.

Objective 3: Expand and upgrade telecommunications services the region to support capacity for remote work/telecommuting

Objective 4: Agricultural Industry Resiliency
Objective 1: The TBRPC will create a coordinated economic and workforce development plan to support growth for higher wage resilience-focused construction, engineering and technology jobs.

1. **Action**: The TBRPC coordinates the formation of the Tampa Bay Resilience and Economic Development Initiative (REDI) to engage business, finance markets and civic sector.

2. **Action**: Climate resilience and risk mitigation is integrated into the region’s Comprehensive Economic Development Strategies (CEDS).

3. **Action**: The TBRPC will partner with the Tampa Bay Partnership to build on Business Case for Resilience study with workshops to define business priorities.

4. **Action**: TBRPC will convene economic development, business associations and leaders to discuss risks and opportunities to the top 3 industry sectors in the region.
Objective 1: The TBRPC will create a coordinated economic and workforce development plan to support growth for higher wage resilience-focused construction, engineering and technology jobs.

5. **Action:** TBRPC will establish partnerships with universities to create Resilience Accelerator(s) to catalyze growth for new resilience-oriented business services and technologies to address the region’s challenges.

6. **Action:** The TBRPC will work with USF, UF Sea grant, NOAA and St. Pete Ocean Team to engage fishery management councils, scientists, and other stakeholders to define impacts to regional fisheries and aquaculture businesses and define potential strategies to increase economic resilience to extreme weather and climate change.

7. **Action:** The TBRPC will collaborate with IFAS and others to study risks to the agriculture sector and support development of plans to adapt to and mitigate the effects of climate change.
Objective 2: Spurring Economic Opportunity and Supporting Equity.

1. **Action:** Coordinate with United Way, non-profits, builders, ULI and universities to develop an updated workforce training curricula/program that creates job opportunities for women, people of color and rural communities to participate in resilience-focused construction, engineering and technology jobs.

2. **Action:** The TBRPC will coordinate with regional academic and business leadership to develop Talent Pipeline Management strategies which focus on resilience-oriented jobs and careers.
Objective 3: Expand and upgrade telecommunications services the region to support capacity for remote work/telecommuting.

1. **Action**: TBRPC will coordinate with counties and the Florida Office of Broadband to support assessments of broadband and cellular services by county.

2. **Action**: Local governments will encourage deployment of high-speed broadband and cellular services in tandem with local and regional partners.

3. **Action**: Chambers of commerce develop a plan to ensure continued growth of broadband and cellular services.
Objective 3: Agricultural Industry Resiliency.

1. **Action**: Develop programs to provide information on heat impacts and labor productivity; strategies to adapt.

2. **Action**: Encourage the establishment of small and locally owned businesses to increase the availability of nutritious, affordable, and locally grown food.

3. **Action**: Increase awareness of impacts from extreme weather and climate risks to regionally important crops.

4. **Action**: Work with agricultural industry and public health professionals to identify and quantify risks associated with increasing heat.
Objective 3: Agricultural Industry Resiliency.

5. **Action**: Work with key sectors to support development of and outreach on heat-stress minimization practices.

6. **Action**: Create education and incentive programs to encourage sustainable food production techniques that preserve soil and water quality.

7. **Action**: Review and assess current agricultural best management practices (BMPs) for the state of Florida for its management of projected climate impacts.

8. **Action**: Integrate climate-smart management practices into BMPs when current rules do not sufficiently prepare for future climate impacts, such as: carbon sequestration, wind farms, solar collectors, biofuels, pollinator support.
ECONOMIC GROWTH

Objective 3: Agricultural Industry Resiliency.

9. **Action:** Advocate for increased funding to cost-share programs that assist farmers in implementing BMPs.

10. **Action:** Advocate for increased mandates of BMPs for regions or sectors where assistance funds are available.

11. **Action:** Develop processes with extension services for regularly identifying the most pressing climate-related data and research needs for the agriculture industry in the region with representatives of different agricultural sectors.

12. **Action:** Prioritize academic research and agricultural extension services that align with needs for climate adaptation in agriculture, including: Monitoring systems, Best management practices, Climate-smart crops, Management systems for agriculture.
BREAKOUT DISCUSSION

Incorporate Adaptation and Risk Reduction into Budgetary Processes
PROSPERITY GOALS

Goal 1: Businesses can recover quickly from the impacts of current and future climate hazards.

Goal 2: Key economic sectors and local businesses maintain services and grow.
Regional Action Plan

The Tampa Bay Resilience Coalition Memorandum of Understanding tasks members with developing a Regional Resiliency Action Plan (RRAP). The MOU states that the Plan “shall include strategies for coordinated regional preparation for and adaptation to a rapidly changing global environment based on mapping of projected sea-level rise and resulting amplification of localized impacts of hurricanes and tropical storms, and which shall identify funding strategies at the local, state and federal levels for mitigation and adaptation actions to deal with those impacts.”

Science Based: The Regional Resiliency Action Plan will include strategies and actions that are based on sound science and technical data. The planning team will work together to identify experts for guidance and will use the regional recognized sea-level rise projections as produced by the Tampa Bay Climate Science Advisory Panel to assess sea-level rise vulnerability, inform planning efforts, and provide guidance on what sea-level rise projections should be incorporated into local planning efforts.

Community Involvement: The Regional Resiliency Action Plan process will recognize the importance of involvement by all members of the community. The Coalition Members will engage and involve local businesses, organizations, associations and individuals in developing policies and recommendations which will have the support and commitment of community members and organizations. Community involvement is essential for successful implementation.

2020 Leadership Summit
Plan Purpose and Scope
Planning Timeline and Meetings

Provide input on draft chapters:
- Provide input on Chapter 3 People Goals

Meeting Date | Audience | Meeting Topic | Documents | REVISION INSTRUCTIONS
### Instructions

1. Please use the “suggesting” feature in the top left to make suggestions in the document OR
2. Download the document to your PC and save. Make edits as needed and upload the document to the [Google Drive](https://drive.google.com) folder or email it to [carp@tbrpc.org](mailto:carp@tbrpc.org)

### Overarching Aspirational Goal

Local and regional responses to the effects of climate change will be advanced through organizational and fiscal management at the local government level, and community-led preparedness and recovery.

<table>
<thead>
<tr>
<th>Goal 1</th>
<th>Local governments maximize their efforts to implement climate adaptation and mitigation activities through an expanded internal capacity and cross-departmental coordination.</th>
<th>Responsible Agency</th>
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#### Objective 1.1

The Region will strengthen local government organizational capacity by implementing best practices.

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<th>Action</th>
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<tbody>
<tr>
<td>Develop resilience plans and synchronize with other plans, including the strategic plan, OMB annual plan, and others.</td>
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<td>TBRPC, Member Govts.</td>
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<td>Resilience objectives are integrated into departmental programs, budgets, positions and performance metrics.</td>
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<td>TBRPC, Member Govts.</td>
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<tr>
<td>Member governments will identify a point person or create a dedicated position to coordinate resilience programs across departments.</td>
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<td>TBRPC, Member Govts.</td>
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<td>Identify funding opportunities for increasing organizational capacity necessary to implement resiliency.</td>
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<td>TBRPC, Member Govts.</td>
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**Option 1:**

- **Use the Suggesting feature**

[Image of the Suggesting feature in a document editor]
Option 2: Download, Revise and Upload your version to the Folder.
WRAP UP DISCUSSION
THANK YOU!

WWW.TBRPC.ORG/RESILIENCYPLAN

Cara Serra- cara@tbrpc.org & CJ Reynolds cjreynolds@tbrpc.org