



Core Actions Needed to Implement Economic Resilience Resilience Resilience and Recovery Workshop-"Don't Mess With Texas

Action Agenda Items

- 1. Form an Economic Resilience Task Force with broad representation
- 2. Engage the business community
- 3. Review past incidents to identify points of failure and areas of strength
- 4. Map critical infrastructure and systems
- 5. Perform self-assessment (scorecard)
- 6. Build capacity and secure resources
- 7. Inform and build community support
- 8. Draft a specific agenda for action
- 9. Measure progress--celebrate success and adjust as needed



1. Form an Economic Resilience Task Force

- Dr. Peter Williams—"Cities and Communities are 'Systems of Systems' of interacting physical, infrastructural, economic, and social systems. Each system may have a different owner and management chain, yet each must interact with the others to minimize risks from hurricanes, floods, tornadoes, wildfires, and the like, as well as from pandemics." --The task force should include:
- 1. Government: Planning, Finance, Health, Education, Emergency Management, Transportation, Water/Sanitation--local, state, & federal
- 2. Private Sector: Private Infrastructure (85%), Industry, SMEs, Banks, Insurers, Media, Chamber of Commerce and Tourist Bureaus
- 3. Non-profit/Community Orgs: Neighborhood associations, churches, charities, special interest groups

2. Engage the Business Community

- --Once the Task Force is formed, engage businesses together with public sector and nonprofit organizations to address specific areas of resilience:
 - --Infrastructure readiness/resilience--robust, rapid recovery, adaptable)
 - --Resilience (continuity) planning—nationally, less than 30% have them
 - --Employee resilience-Economic resilience is dependent on individual & community resilience—must educate workers on being prepared
 - --Reduce interruption—redundant supply chains & transportation
 - --Encourage small businesses to collaborate on space, materials, etc.
- --Question: Have your businesses expressed interest/concern in any of the areas outlined above? Any areas NOT outlined above?



3. Review Past Plans and Disaster Outcomes

- 1. Existing economic development strategies
 - How have disasters impacted them?
- 2. Community and/or comprehensive plans
 - Do they provide for disaster resilience?
- 3. Local, County, Regional (COG) and State Emergency Response Plans
 - Is response to businesses included?
- 4. Local, County, Regional and State Hazard Mitigation Plans
- Do they factor reducing economic loss? How do these plans impact economic resilience, and vice versa?

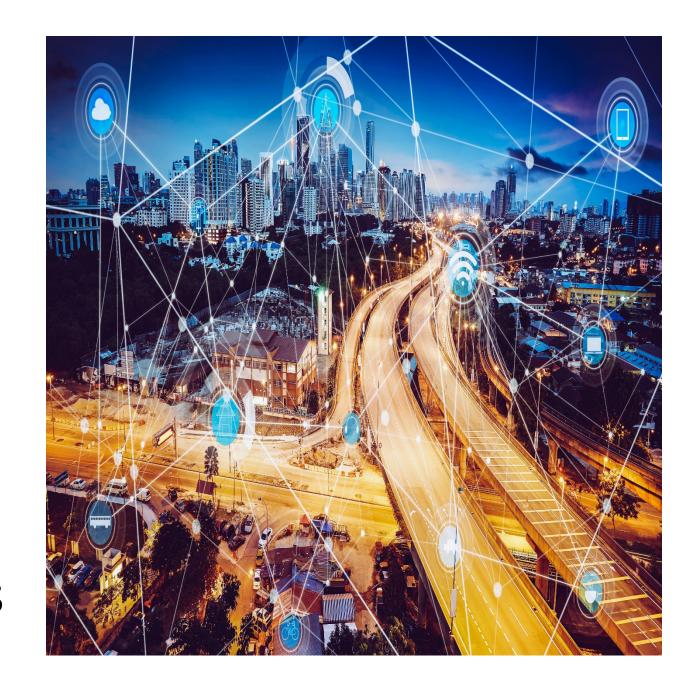




4. Map Critical Infrastructure and Systems

Knowing where power, water/wastewater, transportation, broadband and related systems are, and where vulnerabilities may lie, is critical

- --Most effective strategy: Form a critical infrastructure council
 - Public sector—water/wastewater, roads, public utilities, ports/airports
 - Private sector—private utilities, broadband, rail, trucking, shipping, logistics-supply chains
 - Business and Economic Development organizations --Local, Regional, State, Federal





5. Perform Self-Assessment

- Looking at resilience through an economic development lens:
 - How prepared is the community/region to help businesses recover?
 - What programs are in place to help them cope with specific hazards?
 - Are investments (funding, effort) being made to reduce hazard risks?
 - Are after-hazard efforts (re-entry, workforce, contracting) in place?
 - How about the Local Government and your EDO—do they have a plan?
- These questions, and more, are included in the draft Resilience Scorecard-online
- Draft includes initial 10 questions, provides rating and virtual assistance
- Working with TEDC on enabling offering the entire scorecard and comprehensive educational system





6. Build Capacity and Funding

- Based on the Self-Assessment, and including reviews of plans and prior outcomes plus mapping critical infrastructure, gaps can be identified
 - --Programmatic gaps can be addressed by the task force
 - --Funding/investment gaps will need further time and effort
- Funding is available as never before—Councils of Government are a good source of information and assistance, TEDC/ISRC will also assist
- Building capacity for resilience should occur as a result of implementing resilience-building actions





7. Inform and Build Community Support

- As the process gets underway, begin informing the community of the reasons economic resilience is needed—a familiar message!
 - Helps resident businesses--their employers and providers—stay afloat
 - Businesses can continue to provide tax revenue for essential services
 - Enhances the community's ability to attract new investment and jobs
 - In other words, the same message, presented in a specific content!
- For many of the same reasons,
 solicit support from elected officials
 - Understanding that investing in resilience provides economic return
 - Partnering with the private sector to aid the entire community/county





8. Draft a specific agenda for action

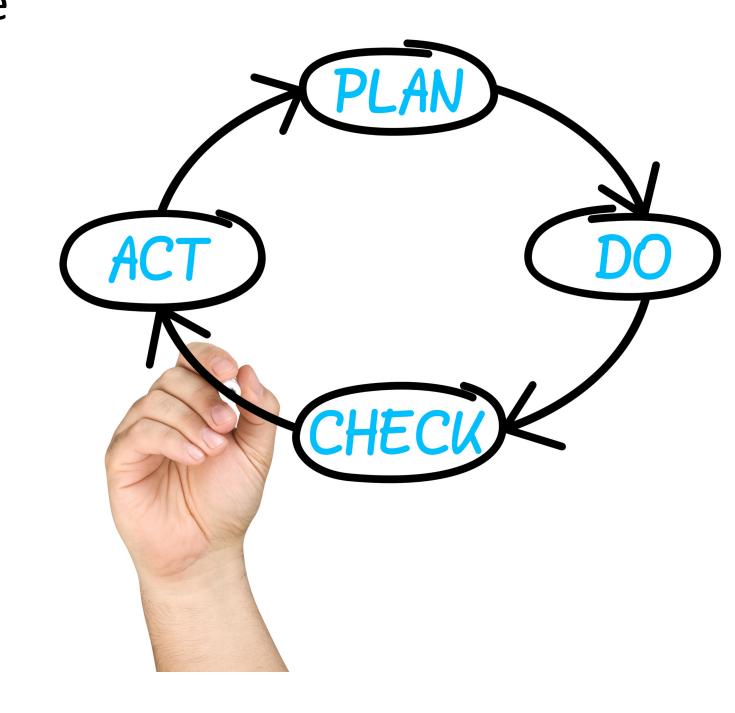
--Based on Analysis, Mapping, Assessment, and Capacity, 5 W's and H





9. Measure and Adapt as Needed

- --There are many good project management software programs to manage and measure results from the action agenda
- --Implementing one and using it to chart progress is critical to effectiveness of the resilience effort
- --Practicing resilience—adapt to changing circumstances—the agenda is a living document and should be online for consistent review and adjustment with agreement of stakeholders
- --People-first public private partnerships that value transparency, equity, stakeholder involvement, are fit for purpose, sustainable, and resilient can be a powerful tool to implement the action agenda
 - --Following are two examples of PfPPP for resilience





Summary

- --Following these steps is not a "magic bullet", but can provide a real return on investment of time and resources through loss reduction
- Based on historical data, average return on resilience investment = 4:1
- --Next, we will dig into the tools included in your resource guide
- --Then, we will apply these actions and tools to a reality-based case study
- --The ISRC team is available 24/7 to answer questions and provide info



Don't be a "Firehead", take action now!!



