

# “Readiness for Resilience Program”

## A Hurricane Rebuilding Partnership

Sponsored by



With Partners



### The Opportunity

The unfortunate events related to Hurricane Harvey and the resulting need to rebuild in the affected communities offers the opportunity to re-evaluate and update policies and procedures related to critical infrastructure, ultimately enabling cities and communities to more efficiently deploy smart, resilient and compassionate technology solutions.

### The Partners

***The Office of Governor Ricardo Rossello, Puerto Rico***

***Texas A&M University*** designated by Texas Governor Abbott to lead the Hurricane Harvey Recovery effort

***The Smart Cities Council (SCC)***, the world's largest smart cities network, envisions a world where digital technology and intelligent design are harnessed to create smart, sustainable cities with high-quality living and high-quality jobs.

***The National Association of State Energy Officials (NASEO)*** consists of governor designated State Energy Directors who inform their governors, legislators and regulators on energy policy and planning, and energy emergency preparedness and response.

***The Business Council for Sustainable Energy (BCSE)*** is a coalition of companies and trade associations from the energy efficiency, natural gas and renewable energy sectors to advocate for policies that expand the use of commercially-available clean energy technologies, products and services. BCSE has educational and advocacy programs at state, federal and international levels.

## **The Program**

### ***Phase I -- Discover and Learn Local Needs***

The Partners, as ‘trusted advisors’ to cities and communities will host *Discovery Workshops* to explore the rebuilding needs and timing for rebuilding assistance in affected localities. The Partners and affiliated members will partake in the *Discovery Workshop(s)* and provide best practice and technical advice related to the needs identified by affected localities. The SCC has a successful track record of facilitating working partnerships with cities and technology providers through the Readiness Challenge Grant program which serves as a guide post.

### ***Phase II – Develop Resiliency Roadmaps***

Along with discovery phase, the Partners would take best practices from rebuilding after similar disasters and combine them with technology solutions to develop *Resiliency Roadmaps* highlighting short-, medium-, and long-term approaches to rebuilding resiliently and compassionately. The SCC would use as a template [its Readiness Guide](#), which is used globally to educate cities about using smart technologies to make cities livable, workable and sustainable. Many of these same technologies and solutions can be utilized to help make cities more resilient to natural disasters and, importantly, capable of quick restoration and recovery.

### ***Phase III – Build Stakeholder Support***

The Partners will host a *Resiliency Workshop* to provide best practice and technical advice as outlined in the *Resiliency Roadmap(s)* and related to the rebuilding needs identified by affected communities. This *Resiliency Workshop* would involve key public/private stakeholders to identify specific projects and funding sources and encourage the formation of public-private-partnerships to move such projects forward to make cities and communities more resilient to natural disasters, and importantly, capable of quick restoration and recovery.

## **Multiple Levels of Engagement**

The Partners will help educate affected communities through different levels of outreach – from statewide to project specific. Based on experience with the states, there are opportunities to engage holistically involving many different government agencies. This allows for aggregation of demand and better procurement of solutions statewide.

Correspondingly, at the other end of the spectrum – identifying specific infrastructure projects prior to procurement provides time for interaction and education between project managers and the Partners on best practices, financing options and newer available technologies.

## The Deliverables/Timelines

<b>Deliverables -- Texas</b>	<b>Timeframe</b>
Partnership Planning: <ul style="list-style-type: none"><li>▪ Identify priority communities</li><li>▪ Outline objectives, strategy and deliverables</li><li>▪ Produce 12-month action plan</li></ul>	August/September 2018
Partner Outreach: <ul style="list-style-type: none"><li>▪ Meet with community leaders to understand the needs/remedies</li><li>▪ Conduct advance work for December Discovery Workshops</li></ul>	September-December 2018
Discovery Workshops: <ul style="list-style-type: none"><li>▪ Convene workshops in Harris, Orange and Aransas Counties December 11, 12, 13</li></ul>	December 2018
Roadmap Development: <ul style="list-style-type: none"><li>▪ Develop Readiness Roadmap(s) for affected communities</li></ul>	January-April 2019
Readiness for Resilience Workshop: <ul style="list-style-type: none"><li>▪ Convene Readiness for Resilience Workshop in Galveston to reveal roadmap(s) and conduct breakout sessions on select project areas identified through discovery process.</li></ul>	Summer 2019
Project Compilation Report: <ul style="list-style-type: none"><li>▪ Development and release final program report to be used as best practices model for states and localities.</li></ul>	August-September 2019

<b>Deliverables -- Puerto Rico</b>	<b>Timeframe</b>
Partnership Planning: <ul style="list-style-type: none"> <li>▪ Identify priority communities</li> <li>▪ Outline objectives, strategy and deliverables</li> <li>▪ Produce action plan</li> </ul>	August/September 2018
Partner Outreach: <ul style="list-style-type: none"> <li>▪ Meet with Governor’s office, community leaders to understand the needs/remedies</li> <li>▪ Conduct advance work for December Readiness for Resilience Workshop</li> </ul>	October-November 2018
Readiness for Resilience Workshop: <ul style="list-style-type: none"> <li>▪ Conduct Readiness for Resilience Workshop December 4-5 and conduct breakout sessions on select project areas.</li> </ul>	December 2018
Roadmap Outreach: <ul style="list-style-type: none"> <li>▪ Develop Readiness Roadmap(s) for affected communities based on Readiness for Resilience Workshop.</li> <li>▪ Reveal Readiness for Resilience Roadmap(s)</li> </ul>	January-April 2019
Project Compilation Report: <ul style="list-style-type: none"> <li>▪ Development and release final program report to be used as best practices model for states and localities.</li> </ul>	August-September 2019