



Resilience, Sustainability, and the SDGs

How Resilience is Essential
for Sustainability and Can
Better Enable People First
PPP Outcomes

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An Unsustainable Path

- World Bank: From 1970-2013, total estimated disaster losses: \$2.8 Trillion
- A 2015 Report by the National Resources Defense Council projected yearly disaster losses will triple to 1.5% of global GDP (\$900b/yr) by 2050
- Surprise! In 2017, 90 recorded major disasters, over \$350 billion in damage, total negative economic impact greater than \$1 TRILLION
- Traditionally, the Public Sector has taken financial responsibility
 - Goal has been to rebuild, but sustainability and social justice are often secondary



Resilience Addresses Two SDGs, Impacts All

- Two SDGs Directly Address Resilience:
 - Goal #9 (resilient infrastructure)
 - Goal #11 (resilient cities)
- However, all SDGs are Impacted by Resilience
 - Resilience is a response to short-term disruptive events
 - Sustainability is maintaining a long-run development path in which actions by the current generation do not compromise the well-being of future generations
 - If a society cannot survive short-term shocks, it cannot be sustainable-not just physical assets, also natural & human

Lack of Resilience Can Significantly Disrupt Efforts to Build a Circular Economy



Building Resilience and Sustainability Through People First Public Private Partnerships

- Example: Need for temporary shelters, plus more resilient, affordable housing in Texas, 2013
- Three non-profit groups came together, formed a PPP with State housing agency to use Federal recovery funds and build 20 component-based shelters that could be converted to permanent homes
- All-wood construction, when possible using recycled materials from former homes, with resilient features (can withstand 150mph sustained winds) and solar power
- Families were assigned community “Navigators”, volunteers who guided them through the process
- Locals learned construction skills in assembling shelters, building homes

Source	Funding	Operation
Federal and State	\$1million	State, Using Federal Funds
Non-Profits	\$100,000	Project Management
Volunteers/Community Businesses	\$250,000 in Time & Materials	Navigators and Donated Supplies

Now Working to Support All Specialist Centres in Using PPP for Disaster Resilience/Recovery

- November, 2017, Other Centres and PPP Working Party Authorized International Resilience Center to Coordinate, Support All Specialist Centres of Excellence in Assisting Disaster-Impacted Regions, Nations in Recovery, Resilience
- Pilot Project Being Developed in Central Mexico, Which was Hit by Two Hurricanes and Two Earthquakes in 45 days
- Using Sustainable People-First PPP Principles and Bringing Transformational, Scalable, Replicable Partnerships to Disaster/Disruption Recovery and Resilience Worldwide
- For More Information, Kindly Visit www.ippprc.org