



RESILIENT HOUSTON

Resilient Houston Update & Next Steps

May 2, 2019



PIONEERED BY THE
ROCKEFELLER FOUNDATION

100



RESILIENT CITIES

101 RESILIENT CITIES



In August of 2018, the 1-year anniversary of Hurricane Harvey, Houston was named the 101st member of 100 Resilient Cities – Pioneered by the Rockefeller Foundation.



WHAT IS URBAN RESILIENCE?

Urban Resilience

The capacity of individuals, communities, institutions, businesses, and systems within a city to survive, adapt, and grow no matter what kinds of **chronic stresses** and **acute shocks** they experience.

RESILIENCE AS A CORE VALUE

HOUSTON OFFERS OPPORTUNITY FOR ALL. WE CELEBRATE OUR DIVERSITY OF PEOPLE, IDEAS, ECONOMY, CULTURE, AND PLACES. WE PROMOTE HEALTHY AND RESILIENT COMMUNITIES THROUGH SMART CIVIC INVESTMENTS, DYNAMIC PARTNERSHIPS, EDUCATION, AND INNOVATION. HOUSTON IS THE PLACE WHERE ANYONE CAN PROSPER AND FEEL AT HOME.

ADOPTED BY HOUSTON CITY COUNCIL OCTOBER 2015.



FALL 2018 PRE-WORKSHOP SURVEY

What do you see as Houston’s most important existing efforts to strengthen and build the resilience of the city?



N=42



FALL 2018 AGENDA SETTING WORKSHOP

Agenda Setting Workshop

November 8, 2018

Buffalo Bayou Partnership Headquarters

150+ Participants



ACUTE SHOCKS AND CHRONIC STRESSES

What are other shocks and stresses for Houston?



FALL 2018 LIVING WITH WATER WORKSHOP

Living With Water Convening

November 8-9, 2018

University of Houston-Downtown



REGIONAL KEY MESSAGES

- Develop a region-wide “agency checklist” for project coordination.
- Consider positive and negative upstream and down-stream impacts.
- Short-term land management and acquisition can enable better long term development.

BAYOU KEY MESSAGES

- Stronger cross-jurisdiction communication, planning & data collection is needed.
- Multiple factors should guide future investigation (including ongoing coordination, climate projections, project funding and regulatory levers).
- “Space for Bayous” is a theme to explore.

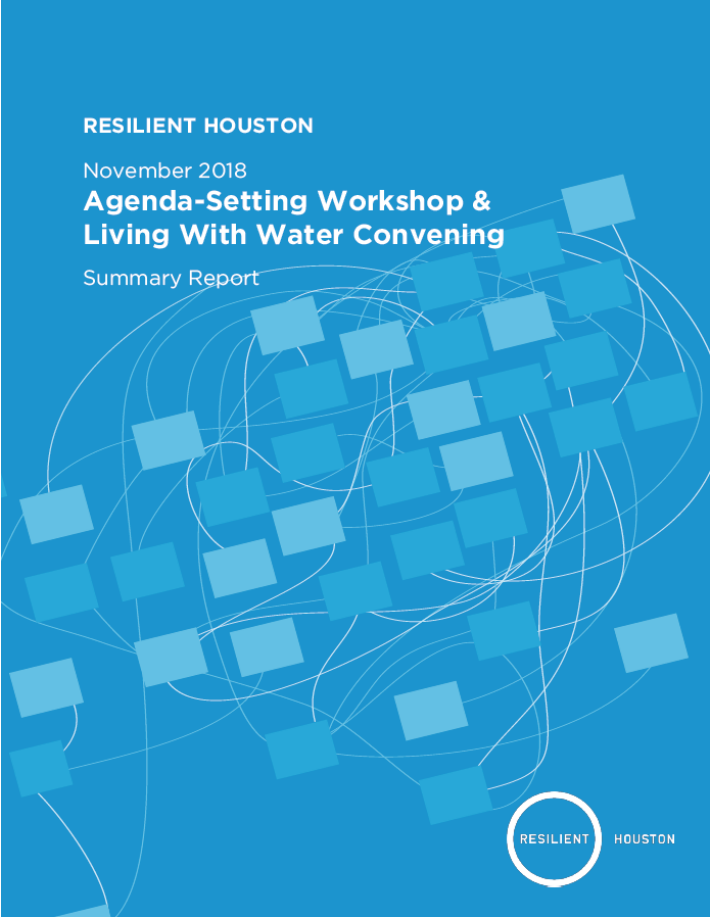
DISTRICT KEY MESSAGES

- New incentives are needed for resilient development.
- “Quick wins” will build trust
- Flood adaptations should not displace residents outside their neighborhoods.
- Water overlaps equity and environmental justice issues.
- Site-specific and distributed solutions are needed.

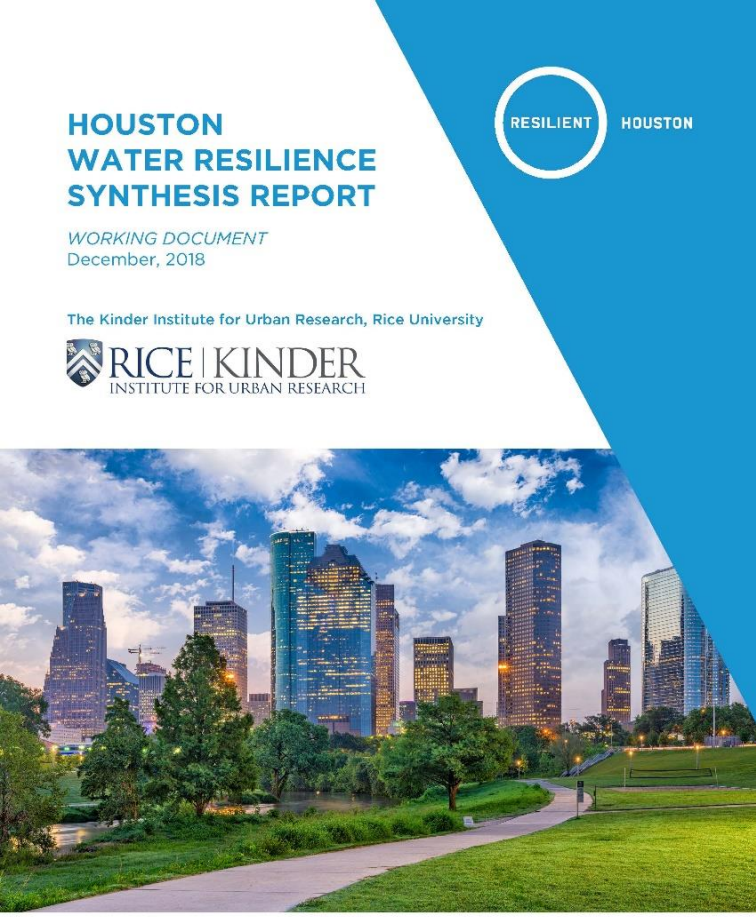
TYOLOGIES KEY MESSAGES

- Focus on multiple benefits of all policies and land uses.
- Policy guidance should consider subsurface, ecological, and environmental extremes.
- Typologies bridge all groups and scales.

BUILDING ON EXISTING EFFORTS



November Workshops

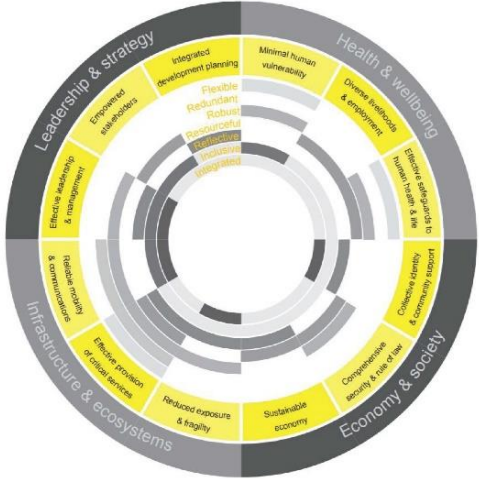


Water Resilience Synthesis

RESILIENT HOUSTON

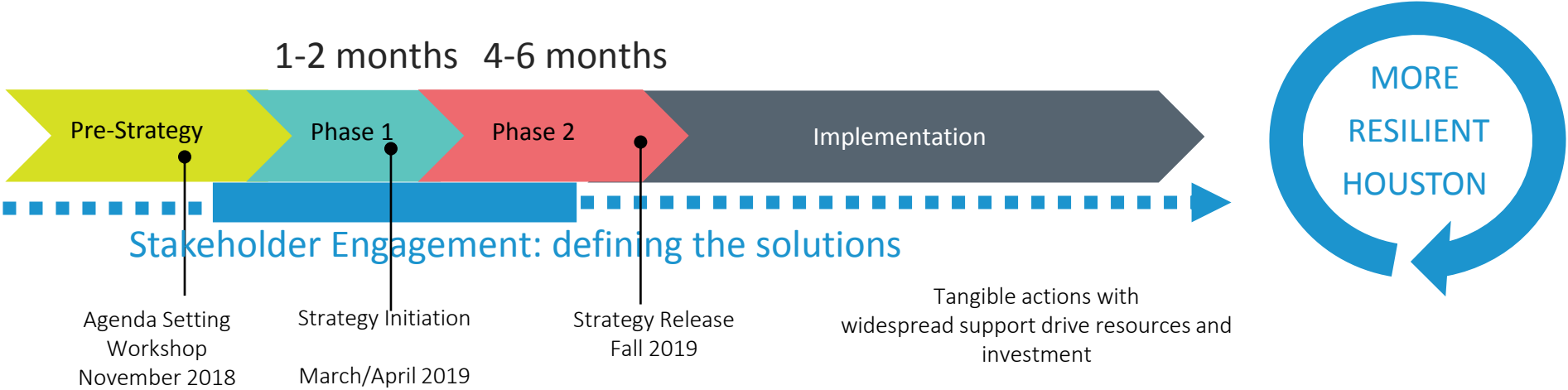
RESILIENT HOUSTON SUMMARY OF EXISTING EFFORTS
The Resilient Houston process builds on the significant work that the City, its partners, and local stakeholders and residents have already completed to make Houston a more resilient, equitable, vibrant, healthy, and safe place. The below summary of existing efforts reviews the twelve “drivers” of resilience within 100 Resilient Cities’ City Resilience Framework. For each driver, the summary identifies relevant strategies and goals within Plan Houston, as well as the results of community-based planning efforts and local surveys on relevant topics. While this short summary cannot list all the significant work that community, public-sector, and private-sector partners are undertaking to enhance resilience, it provides a strong background on community-established values, goals, and ongoing efforts to help inform discussion.

Figure 1. 100 Resilient Cities City Resilience Framework Drivers

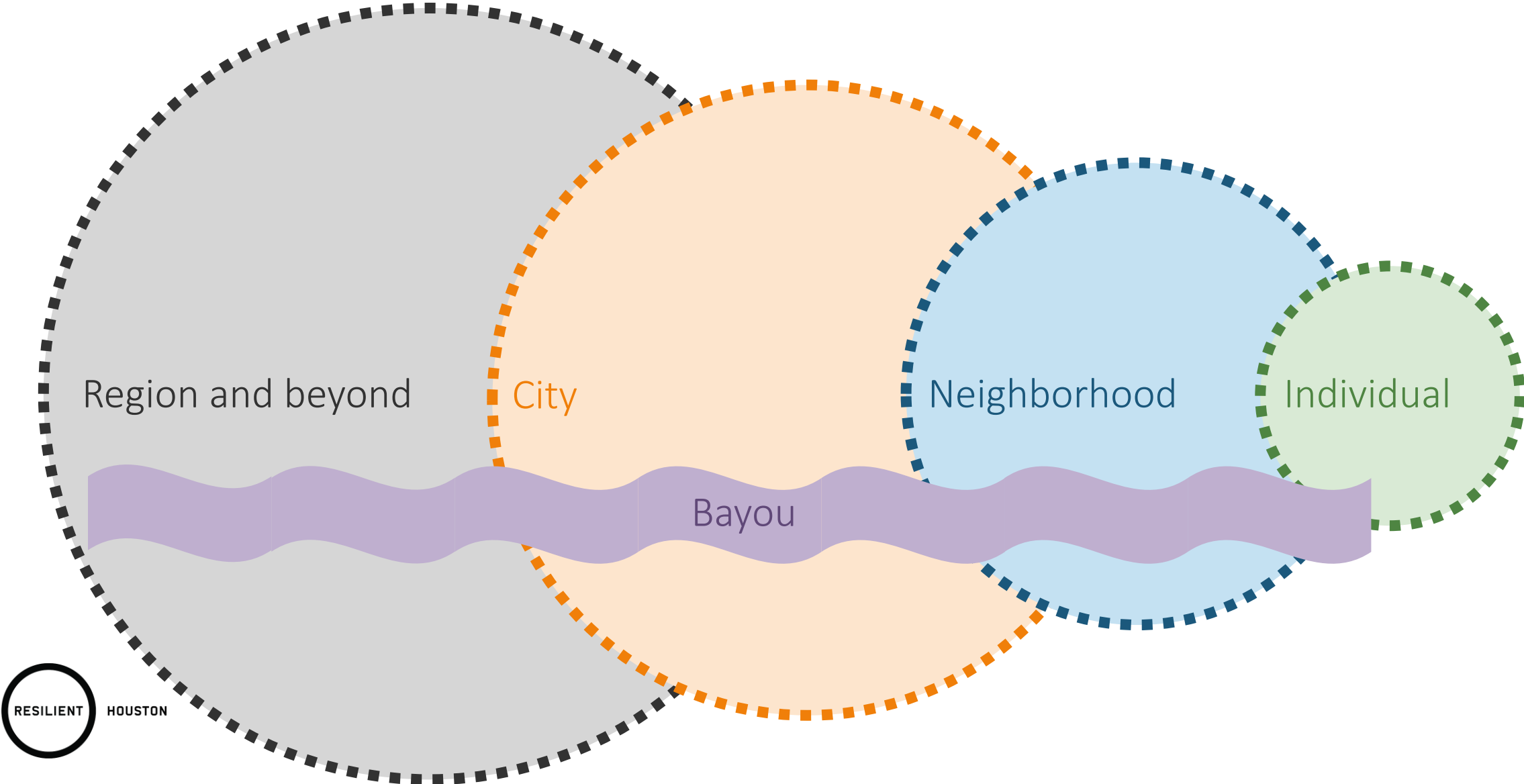


Summary of Existing Efforts

RESILIENT HOUSTON STRATEGY PROCESS



FRAMING RESILIENCE AT MULTIPLE SCALES



DISCOVERY AREAS FOR PHASE II

Achieving Equity and Inclusion

Building Forward

Improving Health and Safety

Integrating Housing and Mobility

Living With and Without Water

IMPLEMENTATION THEMES FOR PHASE II

- Smart Cities/Technology/Data
- Innovative Finance
- Governance/Transparency/Partnerships
- Communications/Engagement
- Evaluation and Metrics
- Legal/Legislative

NEXT STEPS

- Working Group kicking off in May-June
- Second Living With Water Workshop in May
- Collaborate with existing and ongoing efforts

THANK YOU!

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