

# Resilience Hubs

Joint Sustainability Committee

August 25, 2021



# Equity

## Issue:

All recent extreme weather events (Halloween/Memorial Day floods, heatwaves, Winter Storm Uri, etc.) have hit low income communities and communities of color first and worst

## Moving Forward

- Center low income communities and communities of color in these planning processes
- Build an equity lens for all staff participating in these processes
- Move as much as possible towards Community Leadership and Ownership of the work



# Council Resolution 20210408-028

## Plan:

- Conduct an **assessment** to identify potential locations for resilience hubs.
- Explore "**passive survivability**", redundant power and water.
- **Engagement with each community**, center the needs of the most vulnerable and affected community members.
- Potential resilience hubs are based on **15-minute walkshed** of each neighborhood.

## Deliverable:

- **Budget** sufficient to fund recommendations and strategies to design and equip hubs.
- Plan, budget recommendations, funding strategies, and a timeline for designing and equipping an initial **six pilot hubs for disasters**.
- **Intergovernmental memoranda** necessary to memorialize community partnerships necessary to create resilience hubs."

# Reimagining Public Safety - *Neighborhood Hubs*

## 10 Neighborhoods - that meet these criteria

1. *Over policing, concentrated surveillance, and patrol data*
2. *Calls to 211 by Zip Code & Call Type*
3. *Unemployment and underemployment rates*
4. *Poverty and low-income neighborhoods*
5. *Central Health Focus Areas*
6. *Housing insecurity*
7. *Areas vulnerable to flooding*
8. *Areas lacking tree canopy coverage*
9. *Neighborhoods near brownfields, landfills, recycling, and wastewater treatment facilities*
10. *Food insecurity*
11. *Predatory lender locations*
12. *COVID-19 new cases, mortality rates, testing availability, and vaccine access*

**Recommendation: \$2.5 million - 5 X \$500k  
(staffing, administration, and programming)**

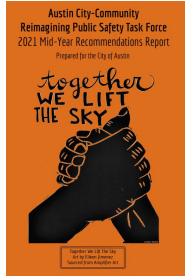
- Drop-in center & outreach base.
- Created and staffed by neighborhood.
- Community members determine needs to be addressed & resources needed.
- City-run Neighborhood Centers exist in some communities, but they are not meeting community needs & residents do not feel safe accessing them.

***Idea is that they are community “owned” and run.***

- **Could these also serve as Resilience Hubs?**

***98% of the time a Neighborhood Hub***

***2% of the time a Resilience Hub***



# GAVA Press Release: Uri Response

Resilience Hubs and neighborhood centers must be supplied with critical on-site materials and resources, now:

- Generators and power banks
- Walkie Talkies and transistor radios
- Hard landlines for first responders and community responders in each hub
- First aid, medical (including OTC inventory and discretionary funds for prescriptions), and personal hygiene supplies
- Water stored on-site (install rainwater catchment where possible)

Renew funding for Parent Support Specialists (not included in RH).

Ensure adequate medical and mental health staffing and resourcing for resilience hubs (not included in RH).

The City Manager must charge Homeland Security & Emergency Management, as well as the Emergency Operations Center, to:

- Identify **single points of contact**, and standing orders for 3 of the 6 pilot hubs
- Improve text **alerts**
- **Training** for community, medical, and public safety teams
- Provide **direct financial assistance and flexible cash** budgets for basic needs
- Stipend residents in vulnerable communities to get **CERT certified and serve as block leader**
- Develop an expectation for all multifamily properties within a two-mile radius of hubs, prioritizing HACA and the lowest income properties, to have **evacuation and response plans** with community points of contact for residents and agencies.

**Highlight** = currently covered in our proposal

# What are Resilience Hubs?

What they ARE:

- Physical Facilities
- Networks
- Tools of Power Shifting

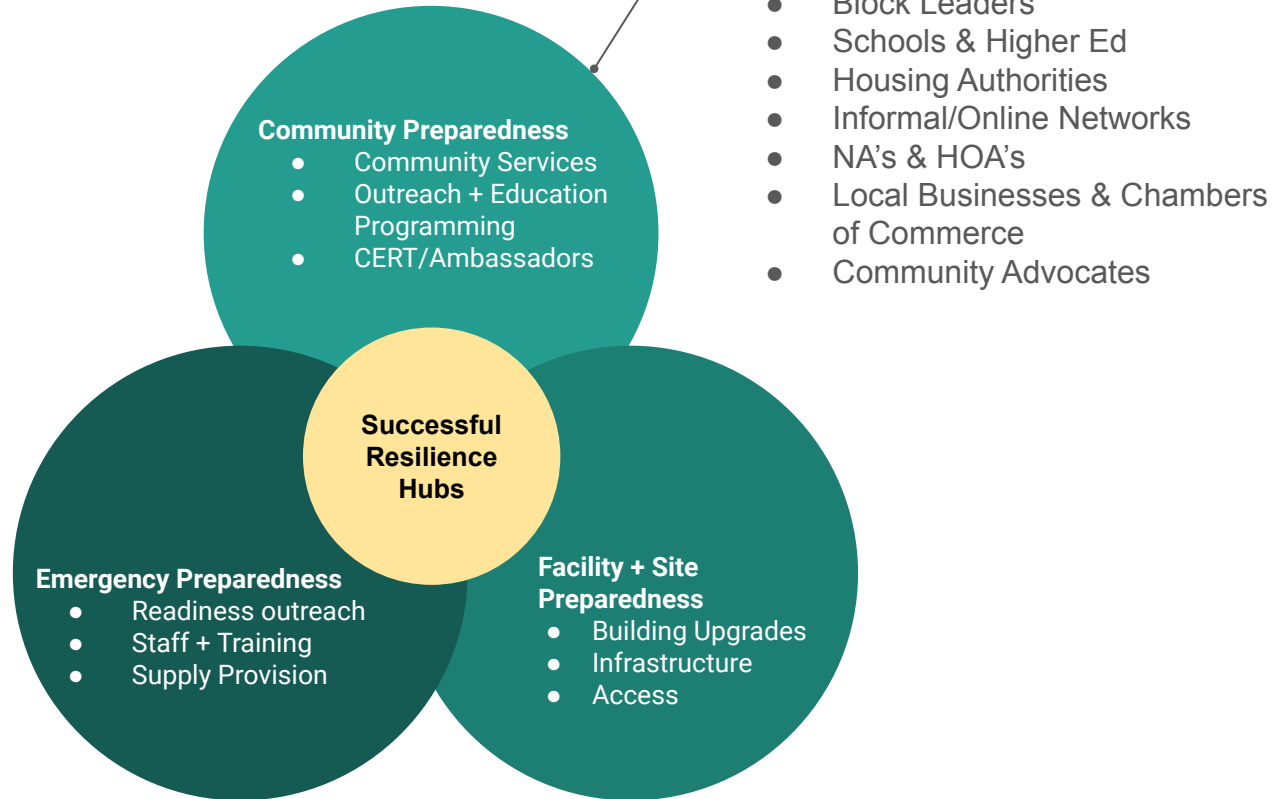
***Solutions and programs to address daily stressors + distributed disaster response and recovery.***

What they are NOT:

- Replacement for traditional emergency planning and disaster response
- Sheltering Facilities



# Topics & Stakeholders

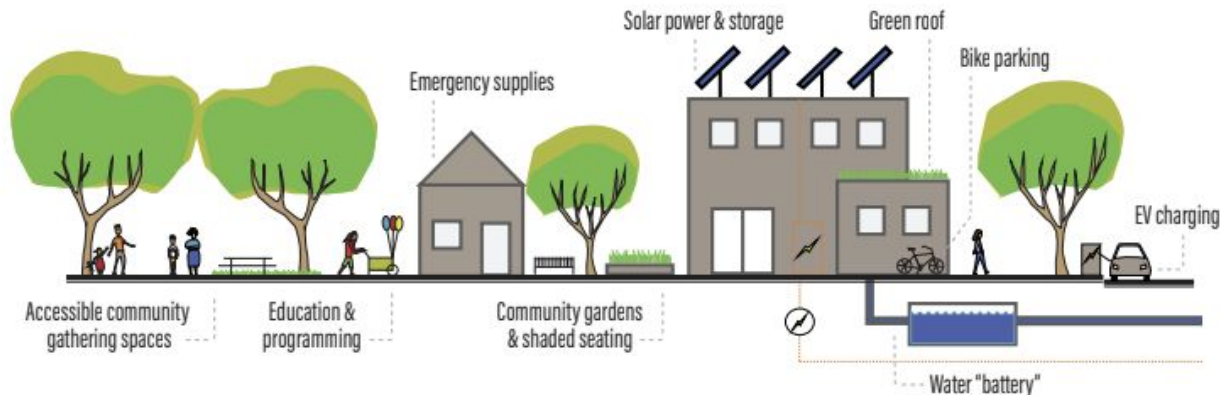




# What are Resilience Hubs?

## ← - - - - Regular Functions (non-activation): - - - - Emergency Functions (activation): - - - - →

- Community ownership and decision making
  - Day-to-day services that address community stressors
  - Community gathering spaces (indoor & shaded outdoor spaces)
  - Community programming/education re: emergency preparedness
  - Safe, all-abilities access routes from neighborhoods
- Resilient facilities, redundant utilities (power, water, comms)
  - Staging area for mobile emergency response
  - Storage for food, water, meds (refrigeration), and other supplies.
  - Shelter Capacity





# USDN Best Practices

## Phase 1 *Hazards, Vulnerability & Service Areas*

- Review existing info, overlaps & gaps.
- Ground-Truth with Lived Experience
- Research compounding impacts

## Phase 2 *Teams & Engagement*

- Identifying Partners - Building Relationships
- Determine Community Needs

## Phase 3 *Evaluate & Prioritize Sites*

- Criteria, based on community needs/goals
- Site Identification - Physical Assessment
- Site Selection, Prioritization

## Phase 4 *Explore & Select Solutions*

- Solution Options and Functions
- Personnel, Roles, Training and Funding
- Facility Conditions and Feasibility Assessment
- Select Solutions and Functions

## Phase 5 *Design, Development & Construction*

- Project Management
- Design & Engineering
- Installation/Construction & Commissioning

## Phase 6 *Activation & Operations*

- General Management
- Emergency Operations
- Communications Plan
- Annual Operating



# Ballpark Estimate

**Phase 1** *Hazards, Vulnerability & Service Areas*

**Phase 2** *Teams & Engagement*

**Phase 3** *Evaluate & Prioritize Sites*

**Phase 4** *Explore & Select Solutions*

**Phase 5** *Design, Development & Construction*

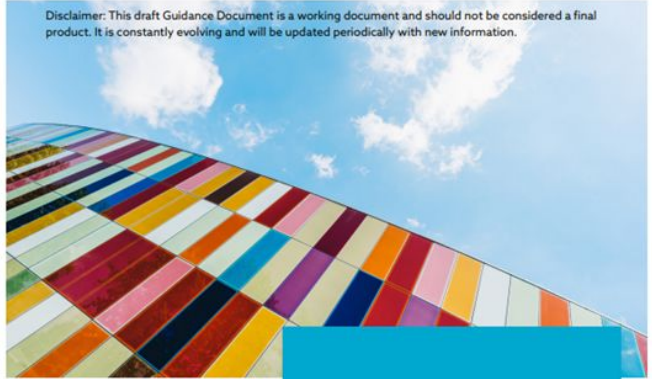
**Phase 6** *Activation & Operations*

**Planning Costs - \$150k**

**Scoping Costs - \$200k**

**~\$1.2M/site**  
(Navigators, Emergency & facility upgrades)

**Annual/Ongoing Costs - TBD**, based on pilot hubs



## GUIDE TO DEVELOPING RESILIENCE HUBS

Resilience Hubs are community-serving facilities augmented to support residents, coordinate communication, distribute resources, and reduce carbon pollution while enhancing quality of life.

# Proposed ARP Funding Overview

(\$3 Million allocated to Resilience Hubs as part of the Council-approved American Rescue Plan funding framework)

Pilot Resilience Hub #1	<b>\$1,200,000</b>
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Pilot Resilience Hub #2	<b>\$1,200,000</b>
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Community-wide Resilience Hub Plan	<b>\$ 350,000</b>
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Administrative Costs and Temporary Staffing	<b><u>\$ 250,000</u></b>
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Total	<b>\$3,000,000</b>
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# Community-Wide Network - Approach

**1 Pilot Hubs Startup - 2022**

**2 Community-Wide Plan - 2023**

**3 Implement Plan - 2024**

Thank You!