



Hurricane Harvey 2-YEAR REPORT AND UPDATE

STEPS TOWARD IMPLEMENTATION

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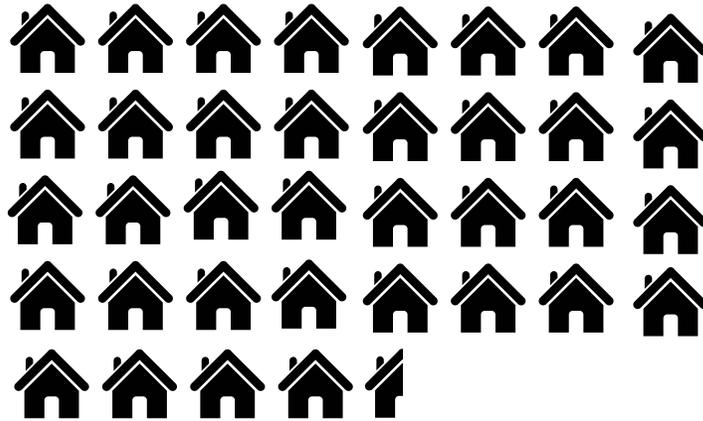
March 4, 2020

HURRICANE HARVEY

IMPACT

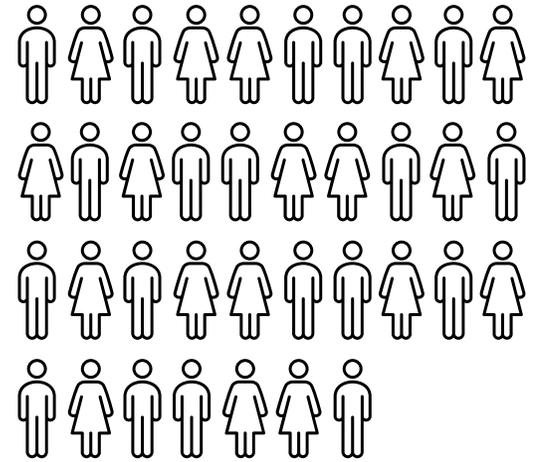


52 total Inches of rain



150,000+ Homes Damaged*

**FEMA reported Individual Assistance Claims. Recent data models estimate the total number of homes damaged at 209,000*



37,000 Houstonians in Shelters

HURRICANE HARVEY

IMPACT

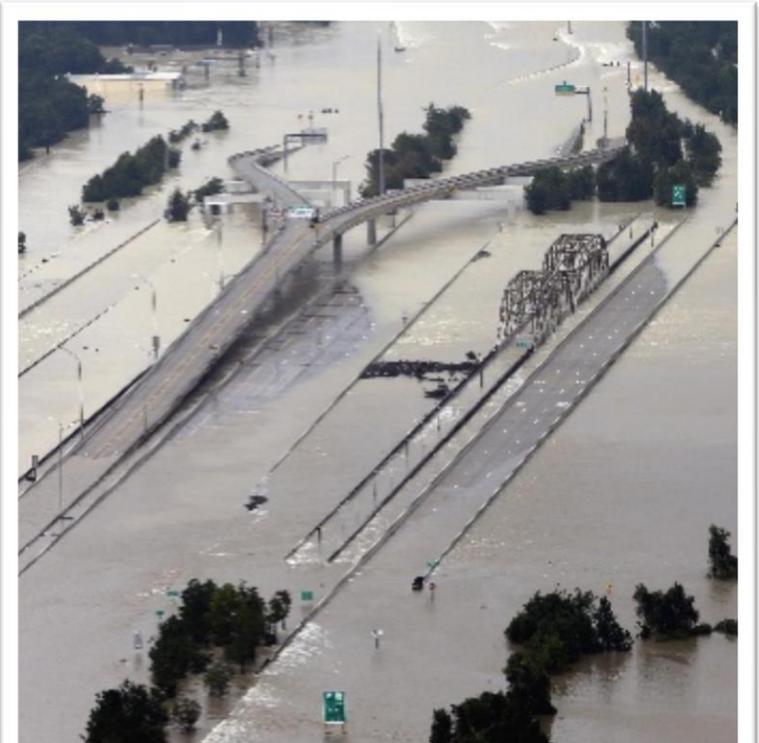
125 BILLION IN ESTIMATED DAMAGES



Bayou Flooding



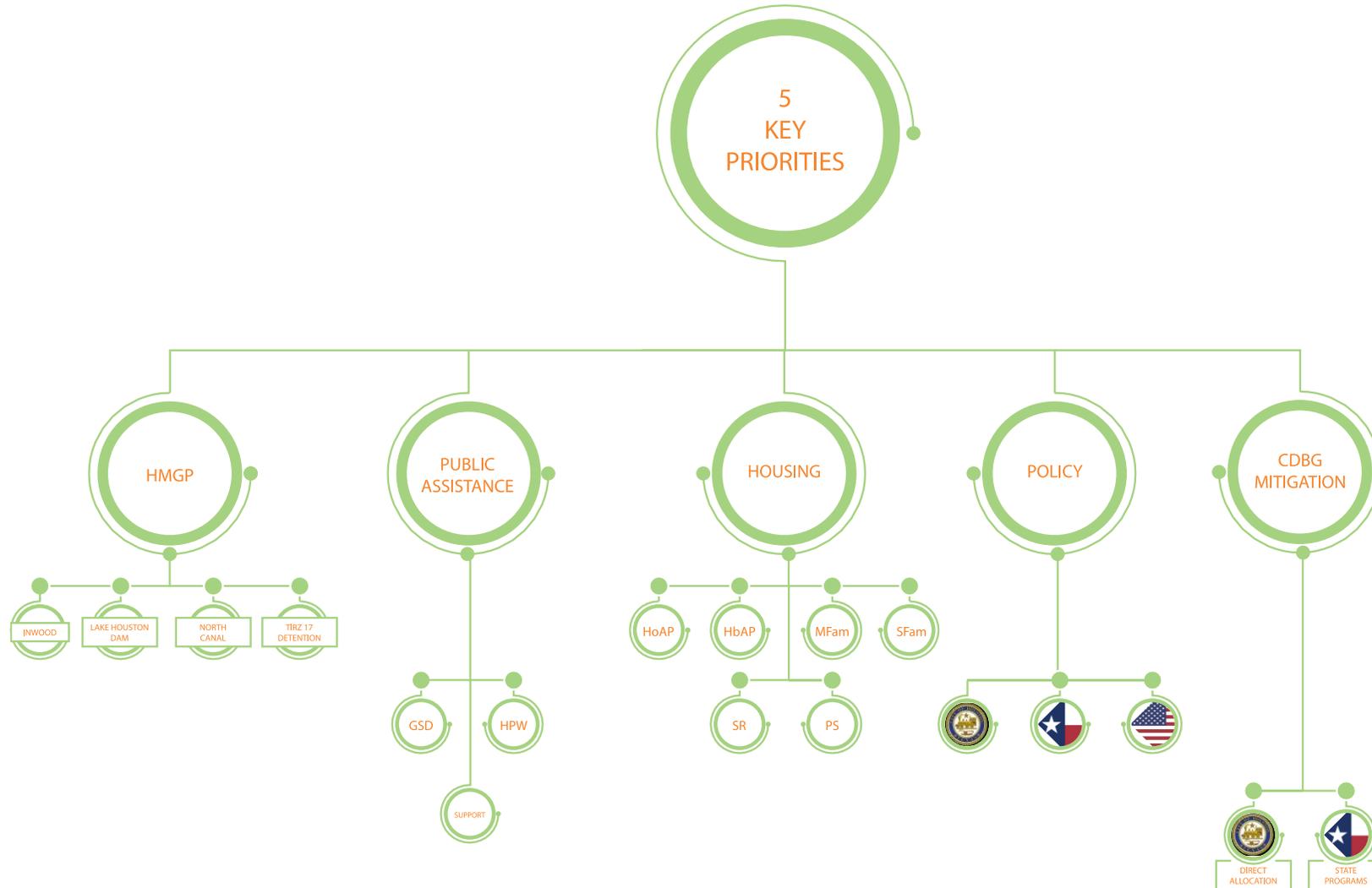
Reservoir Release



Highway Inundation

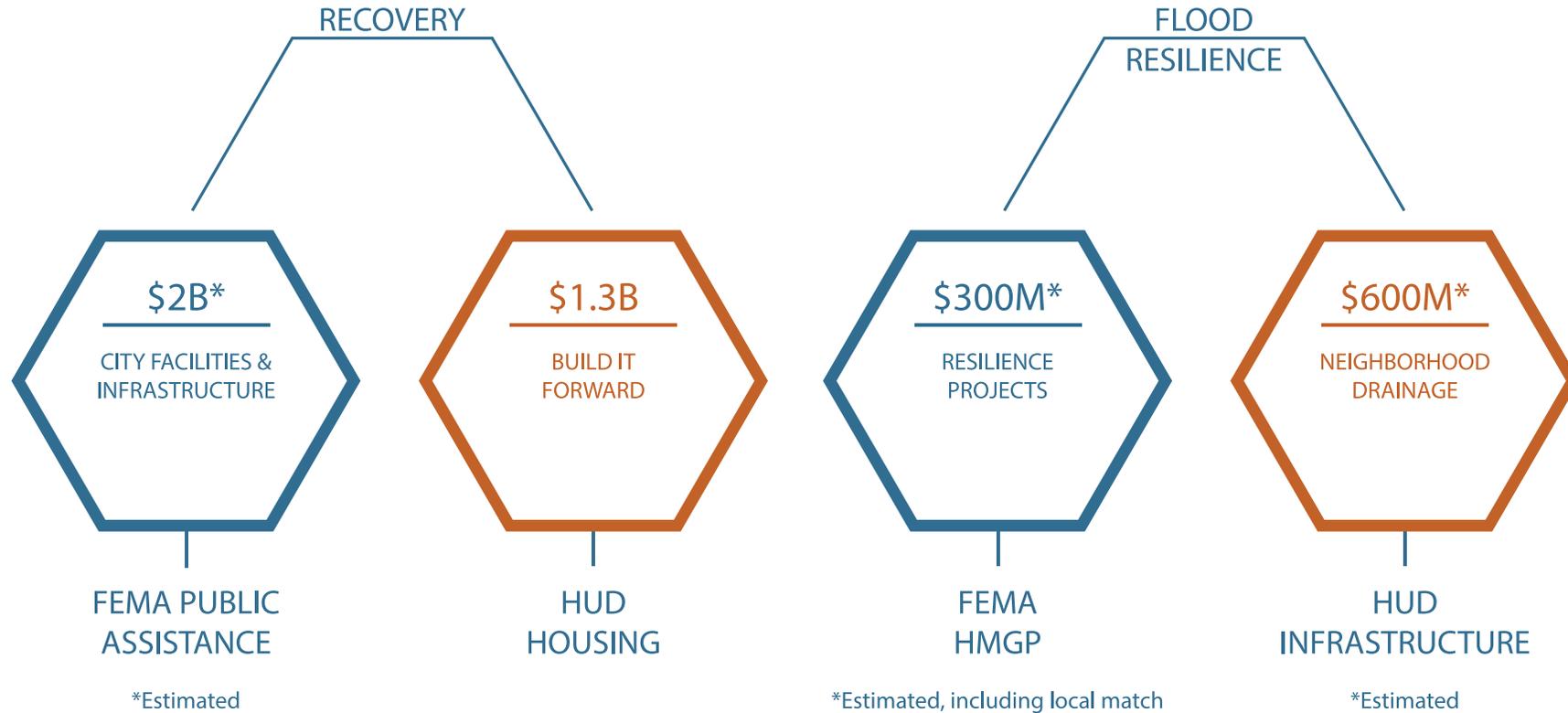
HURRICANE HARVEY

RECOVERY PRIORITIES



HURRICANE HARVEY

INTERAGENCY INVOLVEMENT



HURRICANE HARVEY

PUBLIC ASSISTANCE

DAMAGES	EXAMPLES	COST ESTIMATES	SUBMITTED TO FEMA *	OBLIGATED	FUNDING RECEIVED
Category A - Debris Management	Citywide debris removal, Lake Houston debris	\$259M	\$100M	\$129.7M	\$77.6M
Category B - Emergency Repairs	Facility clean up, police and fire overtime	\$190M	\$163.7M	\$132.9M	\$120.3M
Category C - Roads & Bridges Repair	West Lake Houston Pkwy bridge	\$65M	\$2.8M	--	--
Category D - Stormwater	Drainage channels	\$10M	\$96,000	--	--
Category E - Buildings	City assets - City Hall, fire stations, libraries, etc.	\$625M	\$129.5M	\$46.7M	\$27.5M
Category F - Water/Wastewater Utility	Pump Stations and drinking water facilities	\$1.1B	\$51.9M	--	--
Category G - Other	Parks, flooded vehicles	\$40M	\$32M	\$29.8M	\$16M
Category Z - Management Costs		\$--	\$16M	\$16M	\$16M
Total		\$2.2B	\$496.86M	\$355.1M	\$257.4M *

*\$165M in expedited funding

HURRICANE HARVEY

PUBLIC ASSISTANCE



HURRICANE HARVEY

HOUSING

HOMEOWNER ASSISTANCE PROGRAM

Repairs and rebuilds Harvey-damaged homes and provides reimbursement for work already completed for homeowners

KEY FACTS



\$440 M
total funding available



2024 GOAL
4,000-5,000
homeowners receive
assistance



HOMEBUYER ASSISTANCE PROGRAM

Helps Houstonians realize the dream of homeownership by providing up to \$30,000 to buy a home

KEY FACTS



\$21 M
total funding available



2024 GOAL
700 homebuyers receive
down payment and closing
cost assistance

HURRICANE HARVEY

HOUSING

MULTIFAMILY PROGRAM

Creates high quality rental homes that Houstonians can afford in transit-oriented, resilient developments across the city

KEY FACTS



\$350 M
total funding available



2024 GOAL
1,600 affordable rental
units created or repaired



PUBLIC SERVICES

Provides services to underserved Houstonians to help them overcome social and economic barriers

KEY FACTS



\$60 M
total funding available

HURRICANE HARVEY

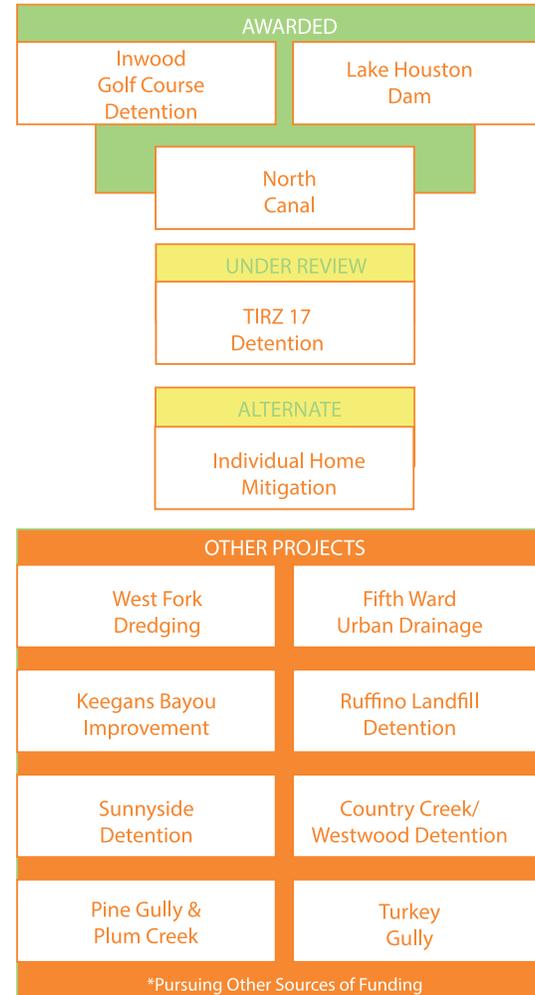
HAZARD MITIGATION GRANT PROGRAM

HAZARD MITIGATION GRANT PROGRAM (HMGP)

Supports recovery efforts by providing assistance to enact mitigation measures to reduce the risk of loss of life and to property

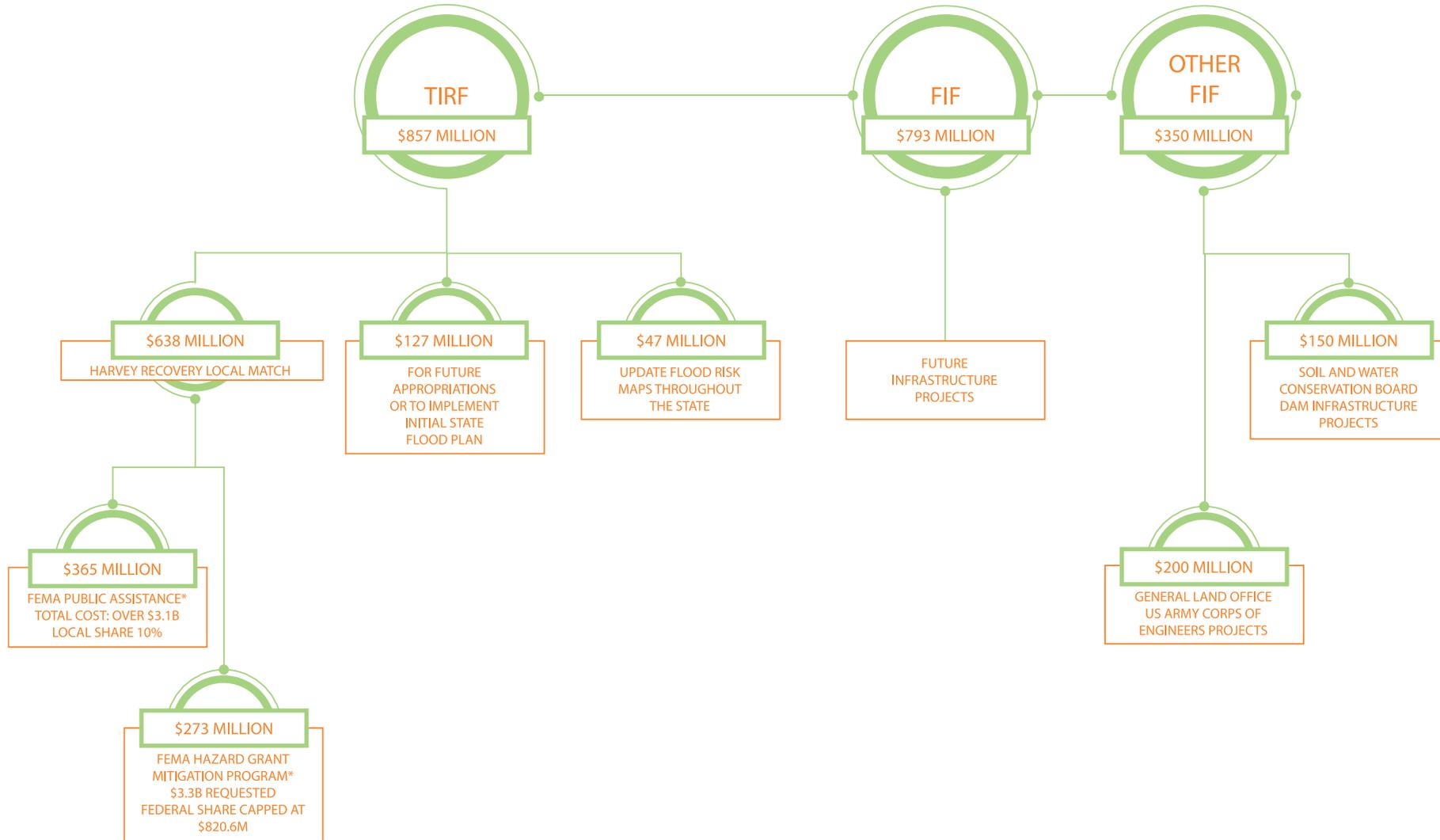
	STATE \$1 B* Available for Texas
	LOCAL \$300 M* Available for Houston, including local match
	MATCH 25% This program requires local governments to match 25% of the total funding.

The application process is lengthy, requiring various steps of review.



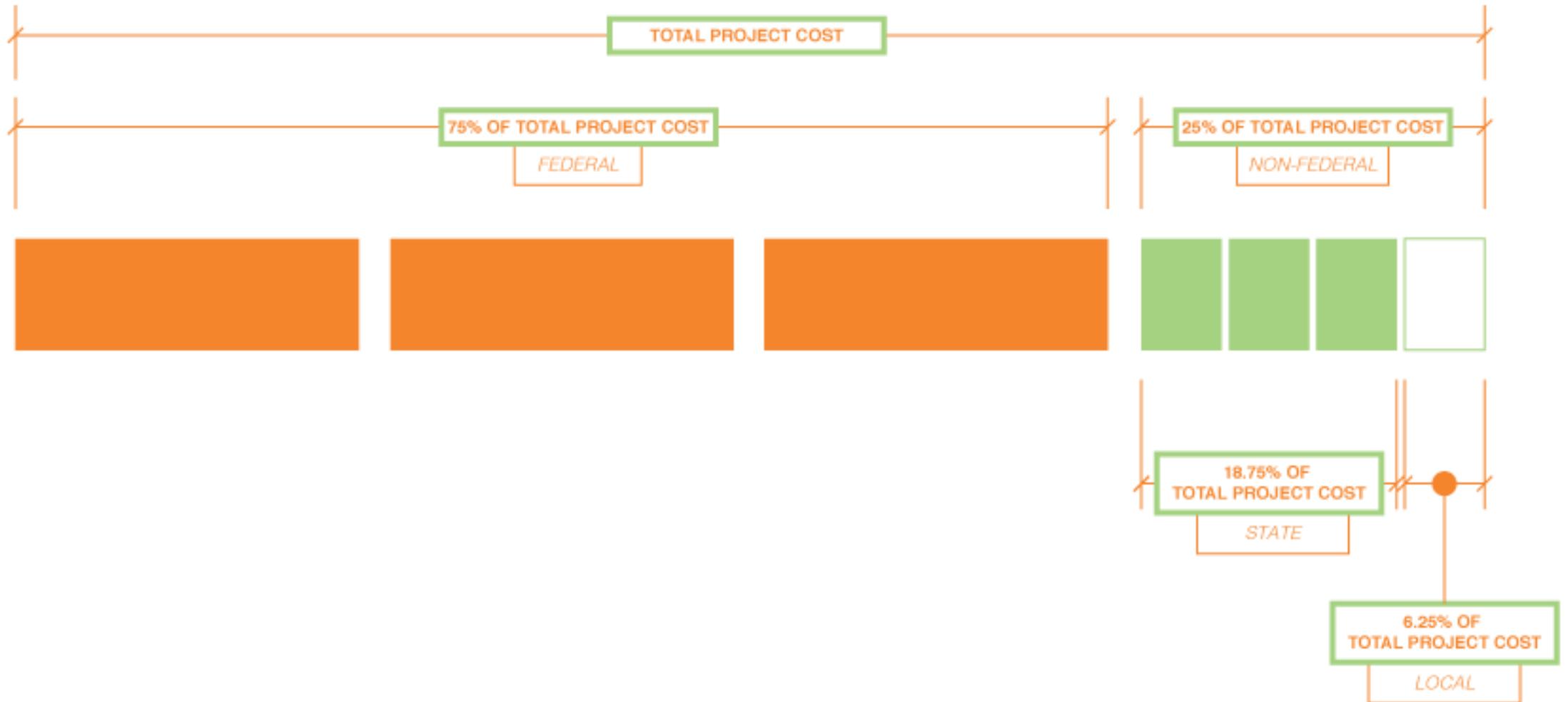
HURRICANE HARVEY

POLICY

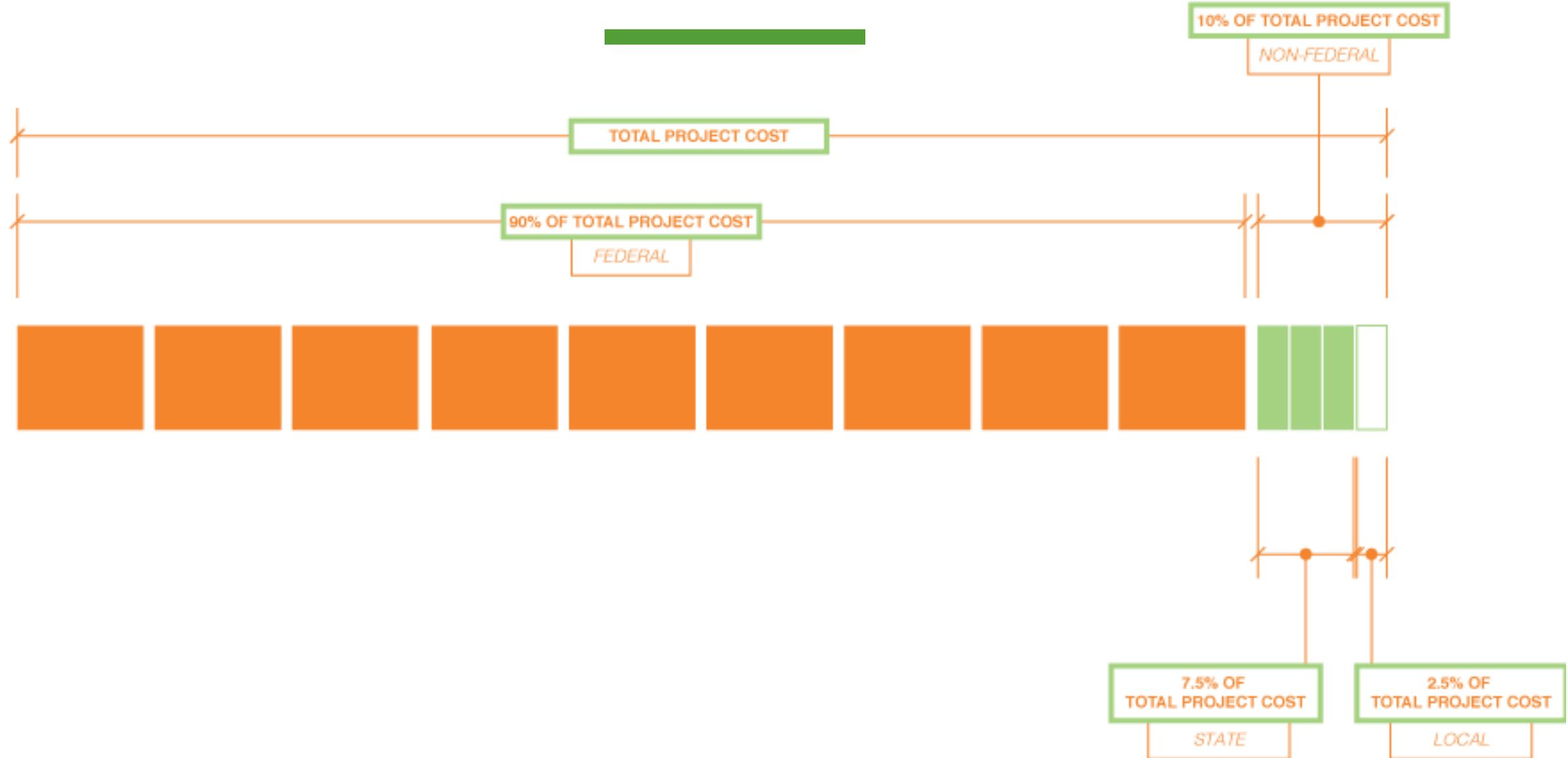


HURRICANE HARVEY

POLICY

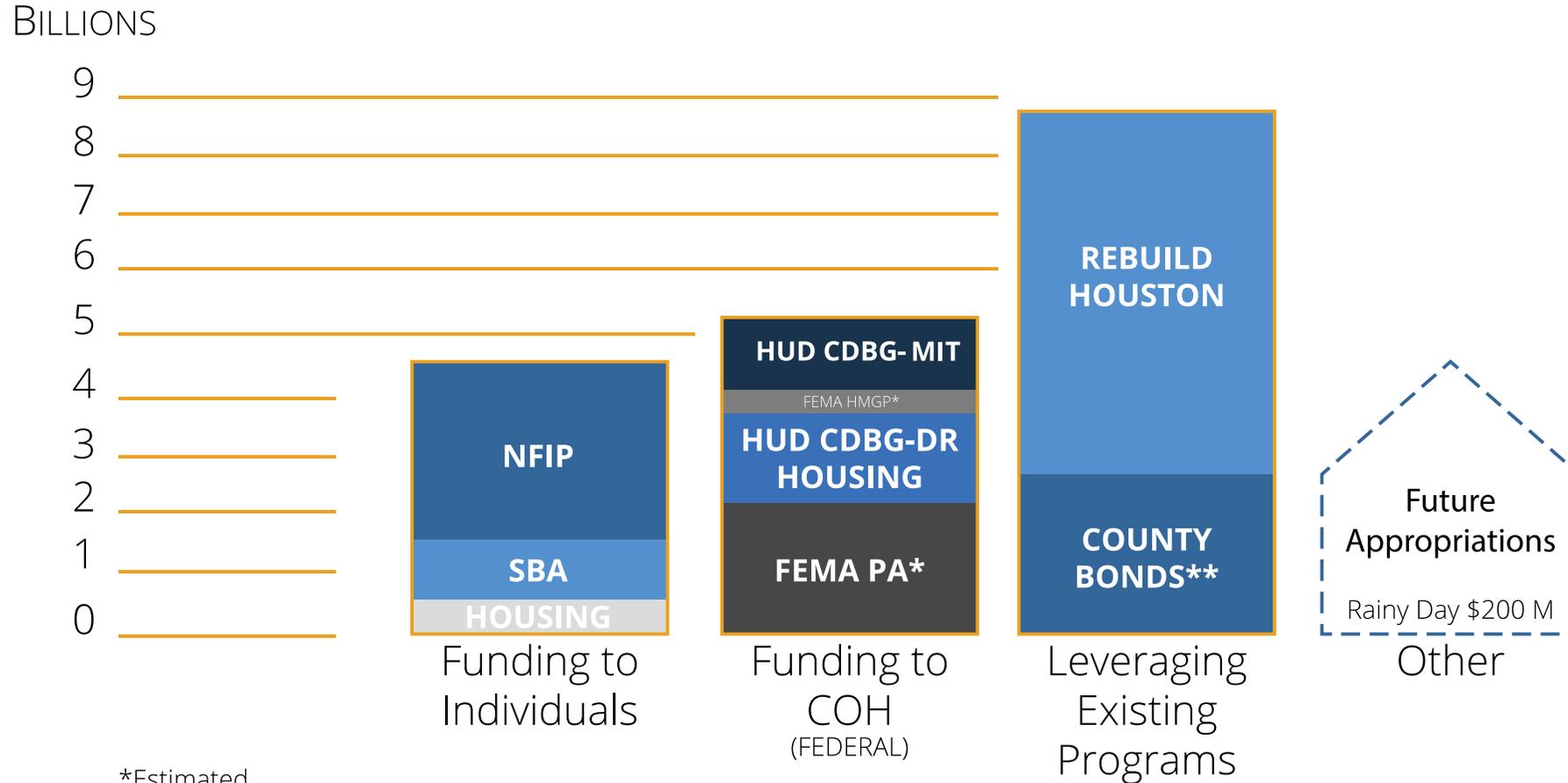


HURRICANE HARVEY POLICY



HURRICANE HARVEY

OVERCOMING CHALLENGES



*Estimated

**Funding for Harris County Flood Control District projects, many of which are located in the City of Houston or link to City projects.

HURRICANE HARVEY

LOOKING AHEAD

Continued interdepartmental and interagency collaboration to advance Housing, HMGP, and PA programs.

Expediting the release of funding assistance to individuals through the various Housing programs.

Obtain approval for FEMA TIRZ 17 Underground Detention project and home mitigation applications.

Finalizing FEMA PA reviews for all Houston Public Works project submittals.

Moving forward with the recovery, repair, reconstruction, and mitigation of GSD facilities.

Programming the use of future HUD CDBG-MIT funding.

Monitoring policy, like the HELP Act, to ensure rules are conducive for more efficient future recoveries that minimize bureaucratic delays.

Focusing on continuous improvement to expand our knowledge of disaster recovery.

Coordinating with local agencies for implementation of SB500 and HB1824 for debris and sediment removal of the West Fork San Jacinto River and Lake Houston.

Advancing the Donated Resources program.

Building new partnerships with the private sector to bridge our funding gap for resilience and recovery projects.

Implementing city-wide readiness initiatives, such as Alert Houston and Emergency Response Plan Actions.