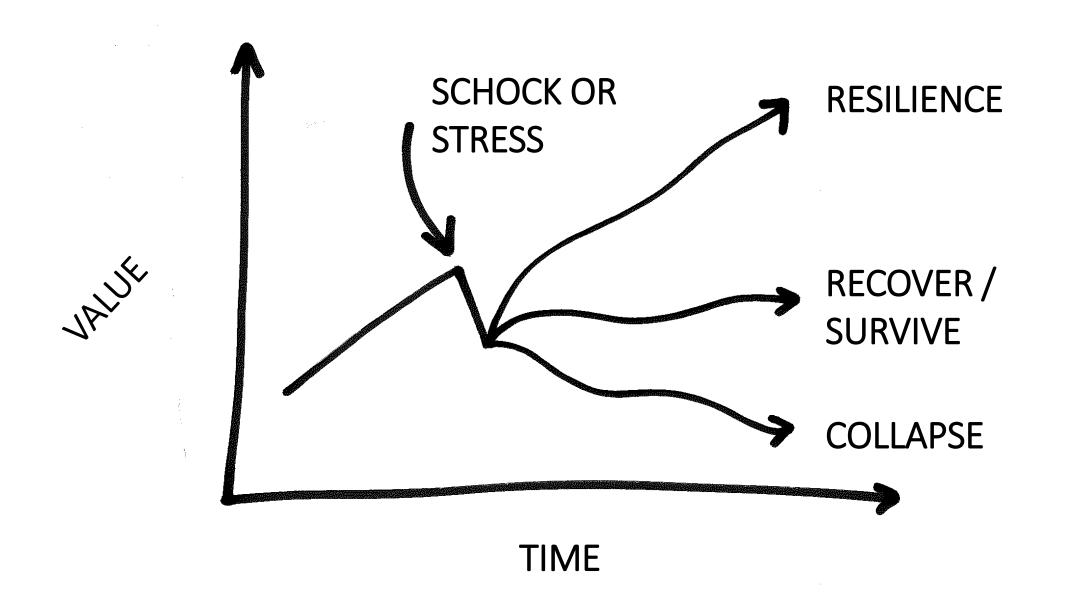
# Resilience

PLANNING AT THE MUNICIPAL AND REGIONAL SCALE

David Kooris, AICP Director of Resilience Department of Housing Is "Resilience" Just the New Planning Buzzword; Isn't it the Saffastain Substain ability" or "Adaptation"

"Slibbanite Reddipleate displine dipist diteyed opindatrichables, Imagentant bijsieenens inof the pesspiration opindatrichables, Imagentant bijsieenens inof the pesspiration opindatrichables, Imagentant bijsieenens in opindatrichables, Imagentant bijsieenen bijsieenen bijsieenen bijsie



## Shocks and Stresses Vary by Community and Scale

#### Shocks / Acute

- Flooding
- Heat Wave
- Terrorist Attack
- Disease Outbreak

## Stress / Chronic

- Housing Affordability
- Poor and Inequitable School Performance
- Economic Shifts (Unemployment, Commercial Vacancy)
- Outdated Infrastructure
- Fiscal Instability

### **MONTVILLE**

Plan of Conservation and Development 2010

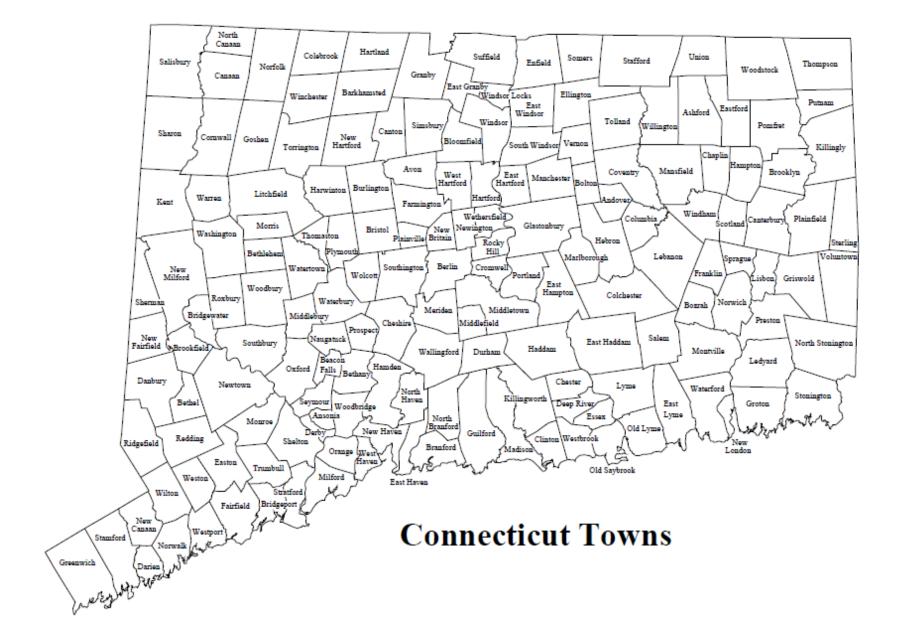


Prepared by: The Montville Planning and Zoning Commission Marcia A. Vlaun, AICP Colleen Bezanson, GIS Specialist Incorporate into Document(s) with "Teeth"

- Municipal Plan of Conservation and Development (POCD)
- Regional POCD
- Municipal Hazard Mitigation Plan (HMP)
- Regional HMP
- Municipal Development Plan (MDP)
- Comprehensive Economic Development Strategy (CEDS)

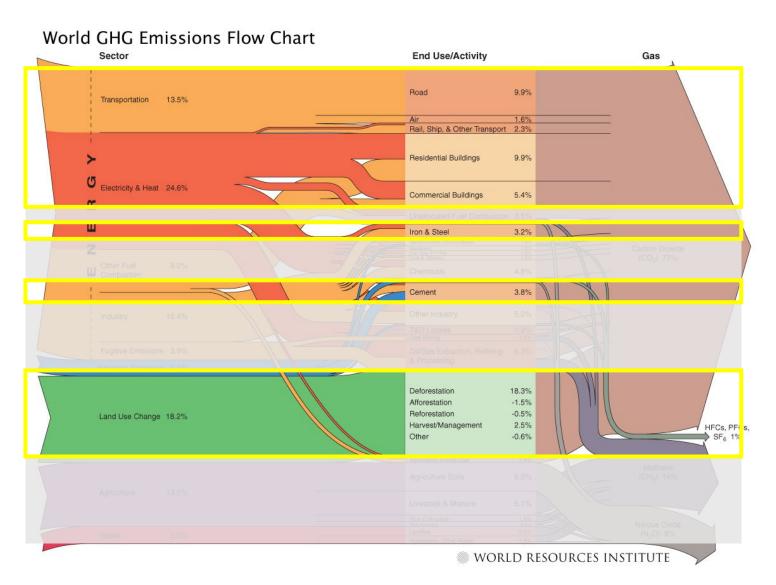
Effective Date May 15, 2010

## Plan at the Appropriate Scale

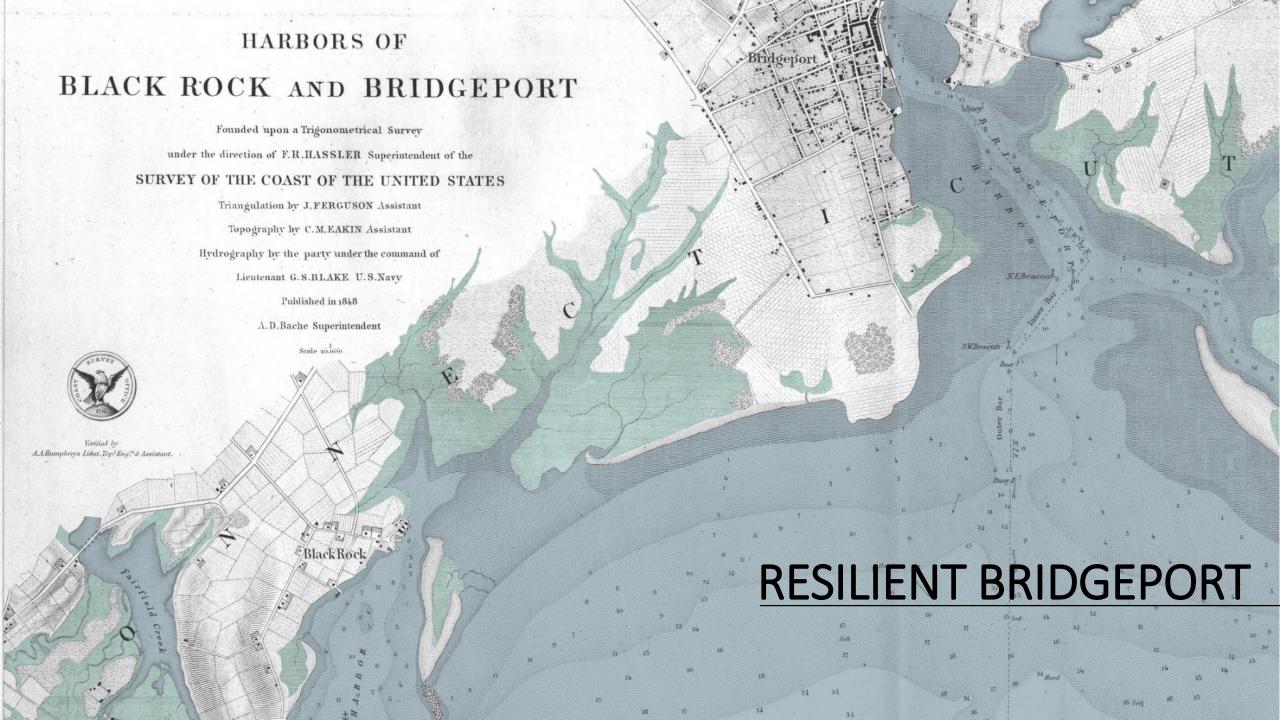




## Link Adaptation Actions to Mitigation Strategy



With **sustainability** as an additional goal, chosen adaptation actions (e.g. flood protection measures) to foster resilience must reinforce those locations/activities which further our mitigation (i.e. emissions reductions) goals rather than perpetuate locations/activities that are carbon intensive.



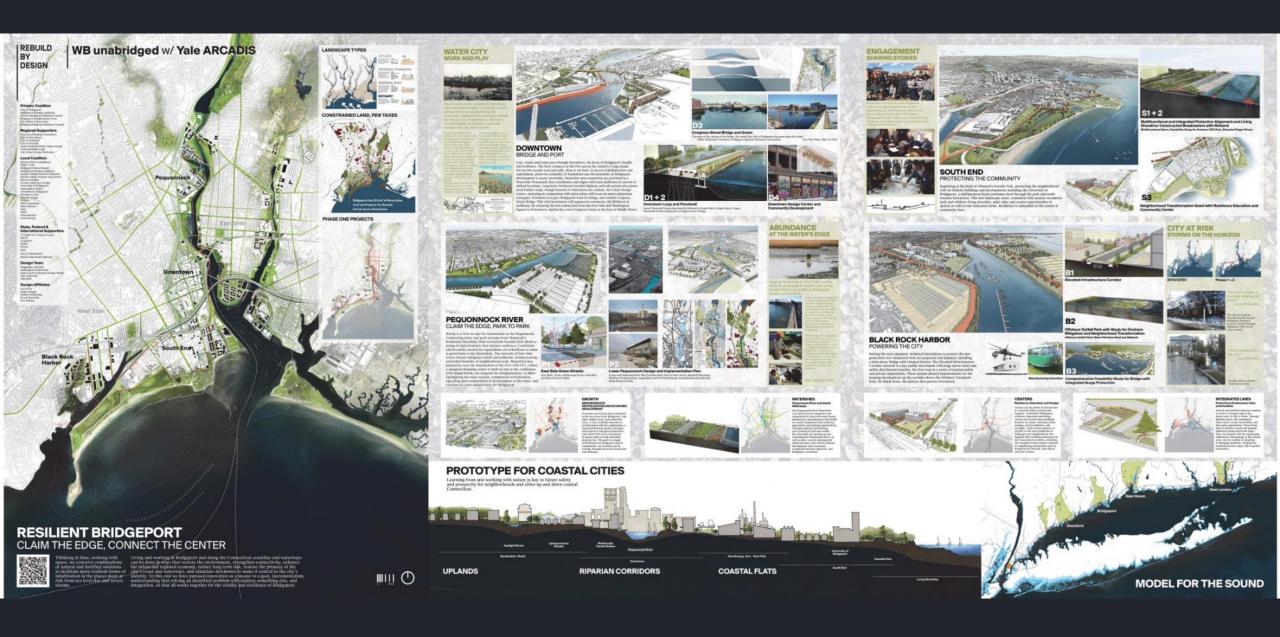




















## \$10 MILLION AWARD

#### **Study Area**

Surrounded by water and bounded by State Street, Fairfield Avenue, and downtown, Bridgeport's low-lying South End, Black Rock Harbor, and Cedar Creek area host vibrant and diverse communities. This area is home to residential neighborhoods, multiple historic districts and landmarks, productive industrial facilities, educational institutions, regional transportation systems, and critical regional energy and wastewater infrastructure that face growing environmental challenges.

Investment zones for the Resilient Bridgeport project have been selected because of their vulnerability and unmet needs, historic character, and critical infrastructure in response to HUD's directive to:

- Reduce flood risk for the most vulnerable communities, particularly the public housing developments in the city's South End/Black Rock Harbor area.
- Address unmet recovery needs caused by Hurricane Sandy and other natural events in calendar years 2011, 2012, and 2013.
- Leverage significant match funding from the State of Connecticut and local funds.

#### Sources

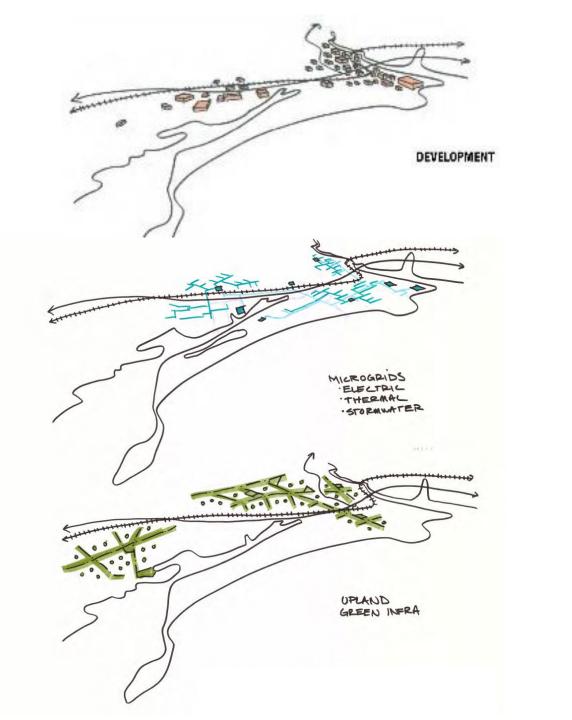
- 1. City of Bridgeport
- 2. Sanbor
- 3. National Hydrography Dataset

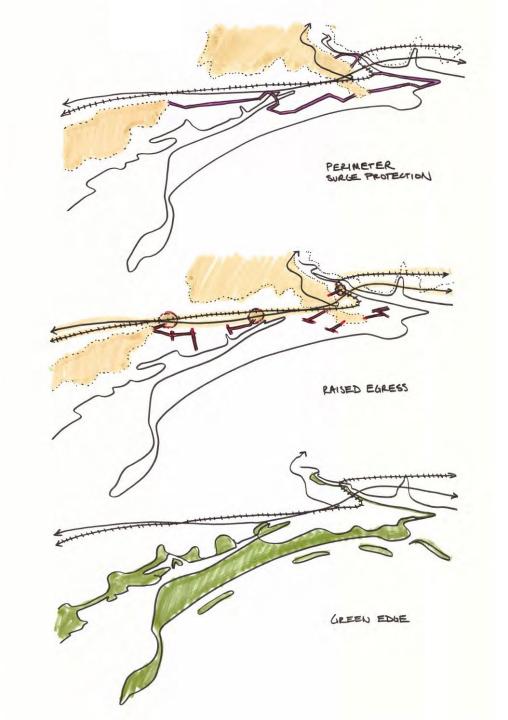
#### LEGEND







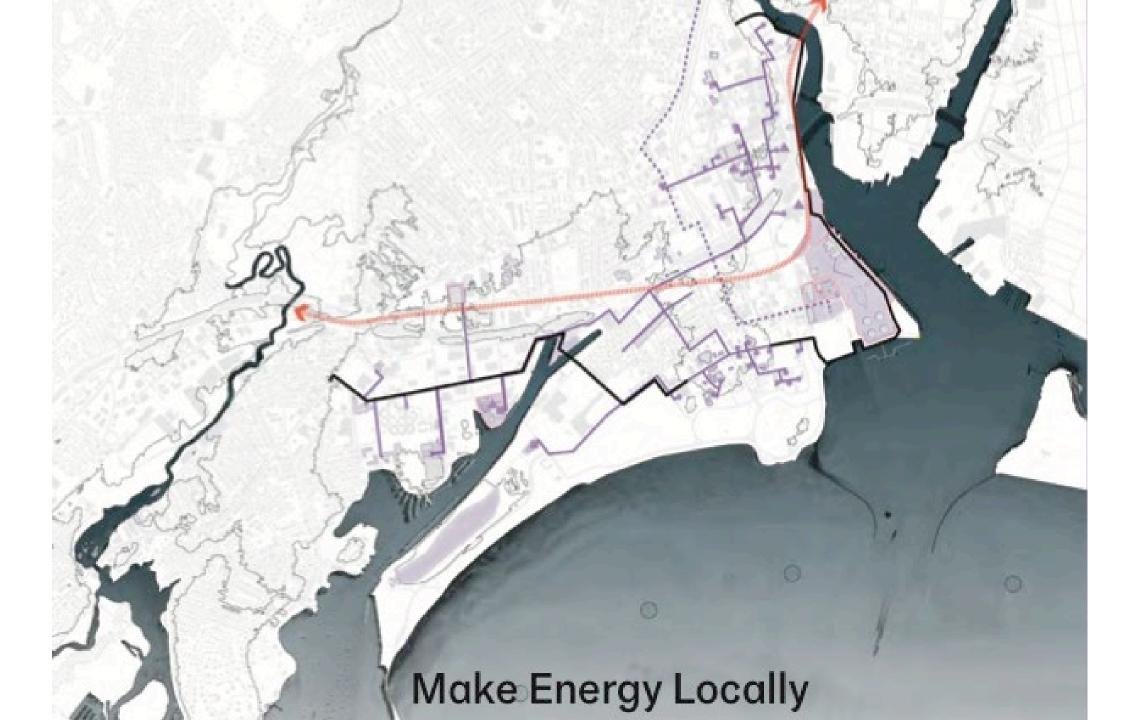




















## National Disaster Resilience Competition

#### TWO-PHASE COMPETITION PROCESS

#### Phase 1

Framing Unmet Recovery Needs, Vulnerabilities, and Community Development Objectives

NOFA PUBLISHED 9/17/2014

180 DAYS (~6 MONTHS)

.......

APPLICATION DEADLINE 3/16/2015

> REVIEW PERIOD

#### ELIGIBLE APPLICANTS

#### STATES, DISTRICTS, AND TERRITORIES

- 1. Alaska
- 2. Alabama 3. Arkansas
- 4. Arizona
- 5. California 6. Colorado
- 7. Connecticut 8. District of Columbia
- 9. Delaware
- 10. Florida
- 11. Georgia
- 12. Hawaii 13. Iowa 14. Idaho
- 15. Illinois
- 16. Indiana
- 17. Kansas 18. Kentucky
- 19. Louisiana
- 20. Massachusetts 21. Maryland
- 22. Maine 23. Michigan
- 24. Minnesota
- 25. Missouri
- 26. Mississippi 27, Montana
- 28. North Carolina
- 29. North Dakota 30. Nebraska
- 31. New Hampshire
- 32. New Jersey 33. New Mexico
- 34. New York

#### 60 DAYS (~2 MONTHS)

- 35. Ohio 36. Oklahoma 37. Oregon
- 38. Pennsylvania 39. Puerto Rico
- 40. Rhode Island 41. South Dakota
- 42. Tennessee

- 43. Texas 44. Utah
- 45. Virginia 46. Vermont 47. Washington
- 48. Wisconsin 49. West Virginia
- 50. Wyoming

#### CITIES AND COUNTIES

- Birmingham, Alabama Jefferson County, Alabama Tuscaloosa, Alabama
- Chicago, Illinois Cook County, Illinois
- Du Page County, Illinois Jefferson Parish, Louisiana 8. New Orleans, Louisiana
- St. Tammany Parish, Louisiana
   Springfield, Massachusetts
- 11. Joplin, Missouri 12. Minot, North Dakota
- 13. New York City, New York
- 14. Moore, Oklahoma 15. Dauphin County, Pennsylvania
- 16. Luzeme County, Pennsylvania 17. Shelby County, Tennessee

#### **ELIGIBILITY MAP**



#### Phase 2

From Framing to Implementation

APPLICATION

DEADLINE

October 2015

120 DAYS (-4 MONTHS) WINNERS ANNOUNCED Highest-Scoring hase I winners advance to Phase 2

> 60 DAYS REVIEW (~2 MONTHS)



**FUNDS** AWARDED December 2015

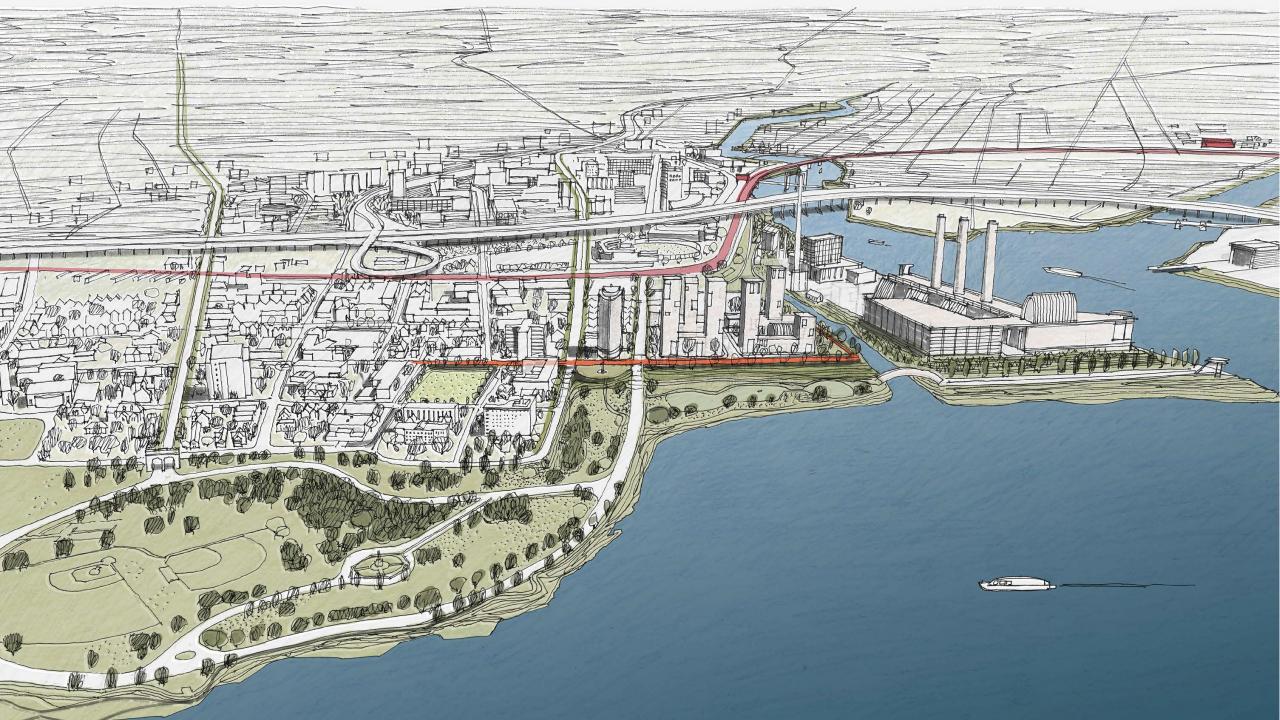
\*Note: These dates are tentative and subject to change at HUC's discretion

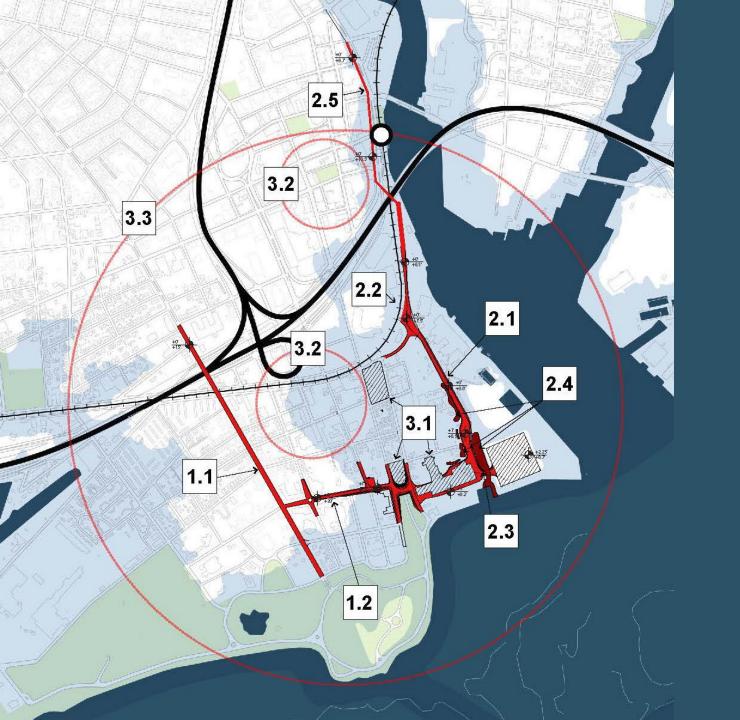
#### **FUNDING** INFORMATION

#### Phase 1

Phase 1 applicants that are not invited to continue to Phase 2. but which met all the requirements of the NOFA, are eligible to receive CDBG-DR funds totaling up to \$2.5 million (for applicants that are not current CDBG-DR grantees under P.L. 113-2) or \$500,000 (for current grantees under P.L. 113-2). HUD will award up to \$30 million of the total funding availability to such applicants. Any reserve pool funds not awarded at this stage will be allocated in a similar manner following Phase 2 to any applicants meeting the same

For Phase 2, the minimum award amount is \$1,000,000 and the maximum is \$500,000,000.

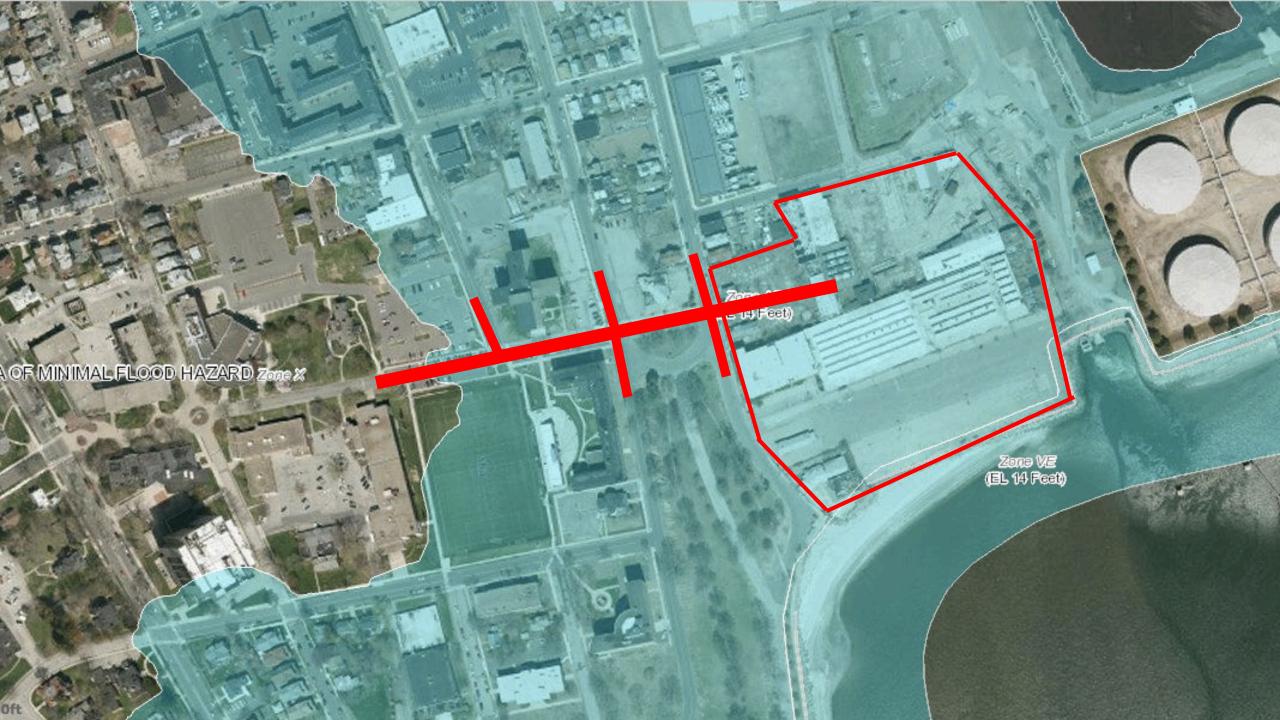




- 1 University Avenue raised resilient corridor
- 2 Earthen berm, greenway, and outfall park
- 3.1 Floodplain design guidelines
- 3.2 Community Resilience
  Design Center
- 3.3 District energy study

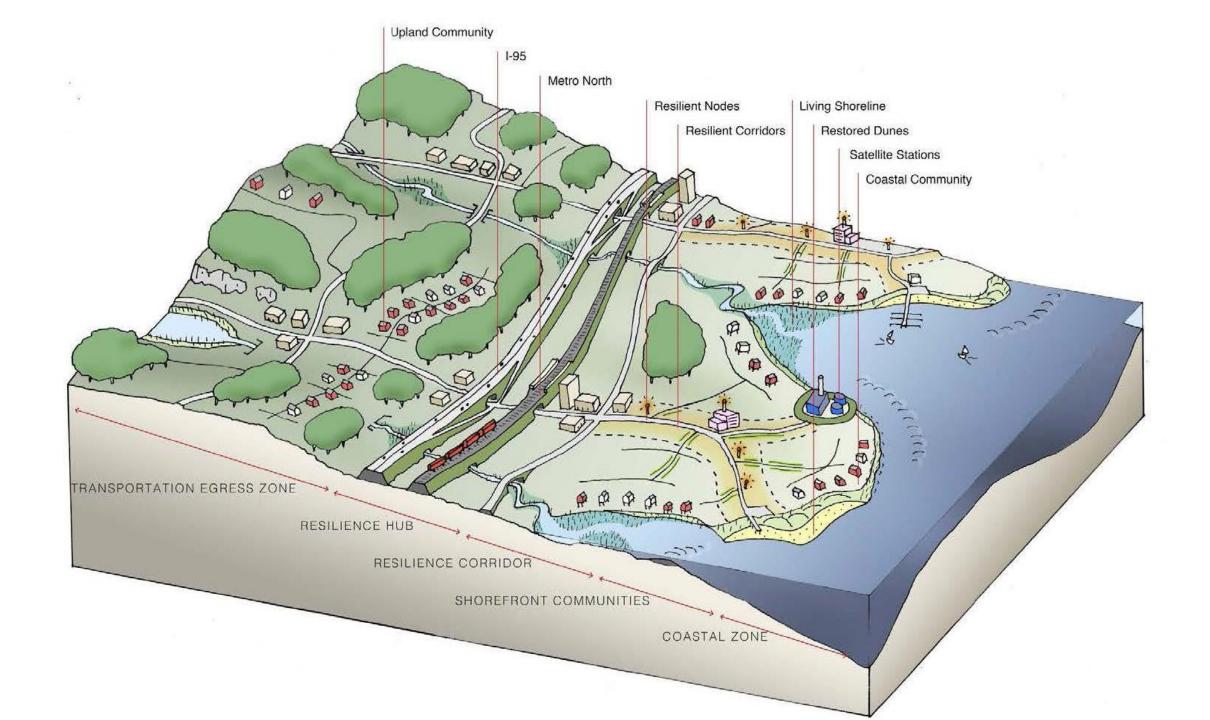


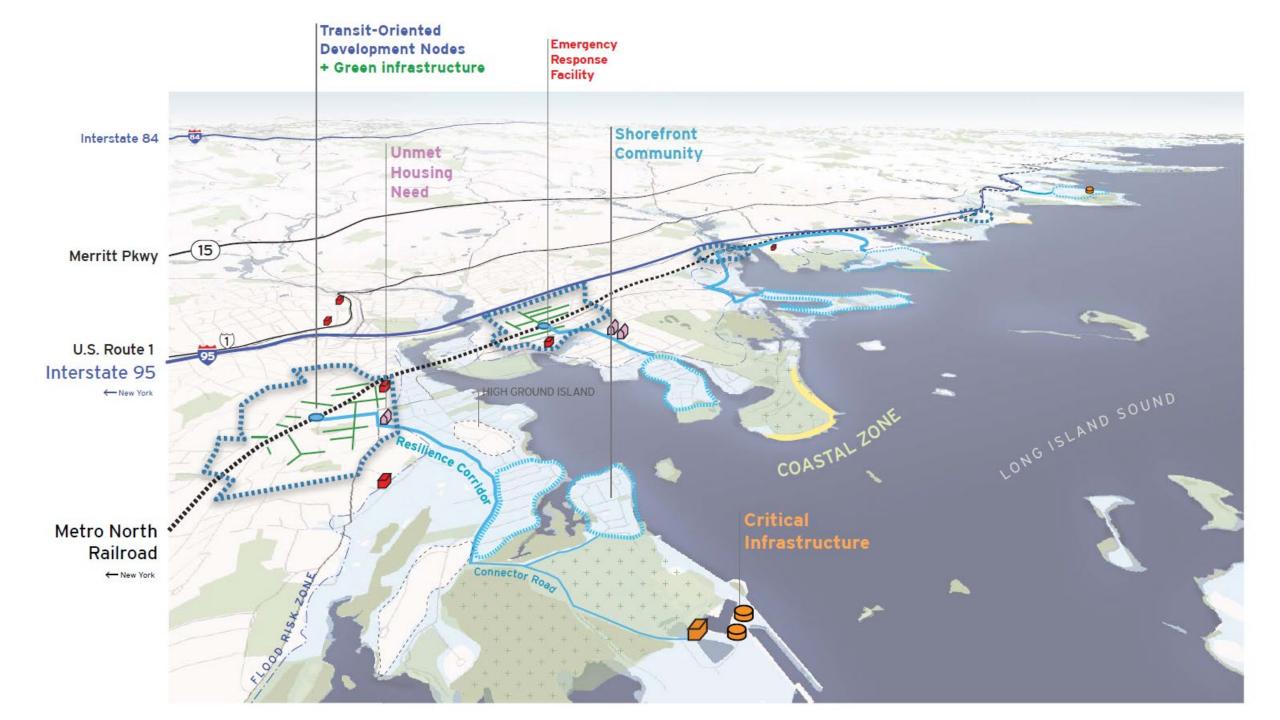
## ~\$54 MILLION AWARD











# SAFR Council

David M. Kooris

Director of Resilience, Department of Housing

David.Kooris@ct.gov

Office: 860-270-8231

Mobile: 860-841-0306