

# National Disaster Resilience Competition

Advancing Resiliency: Competing for Innovative Investments

November 14, 2014

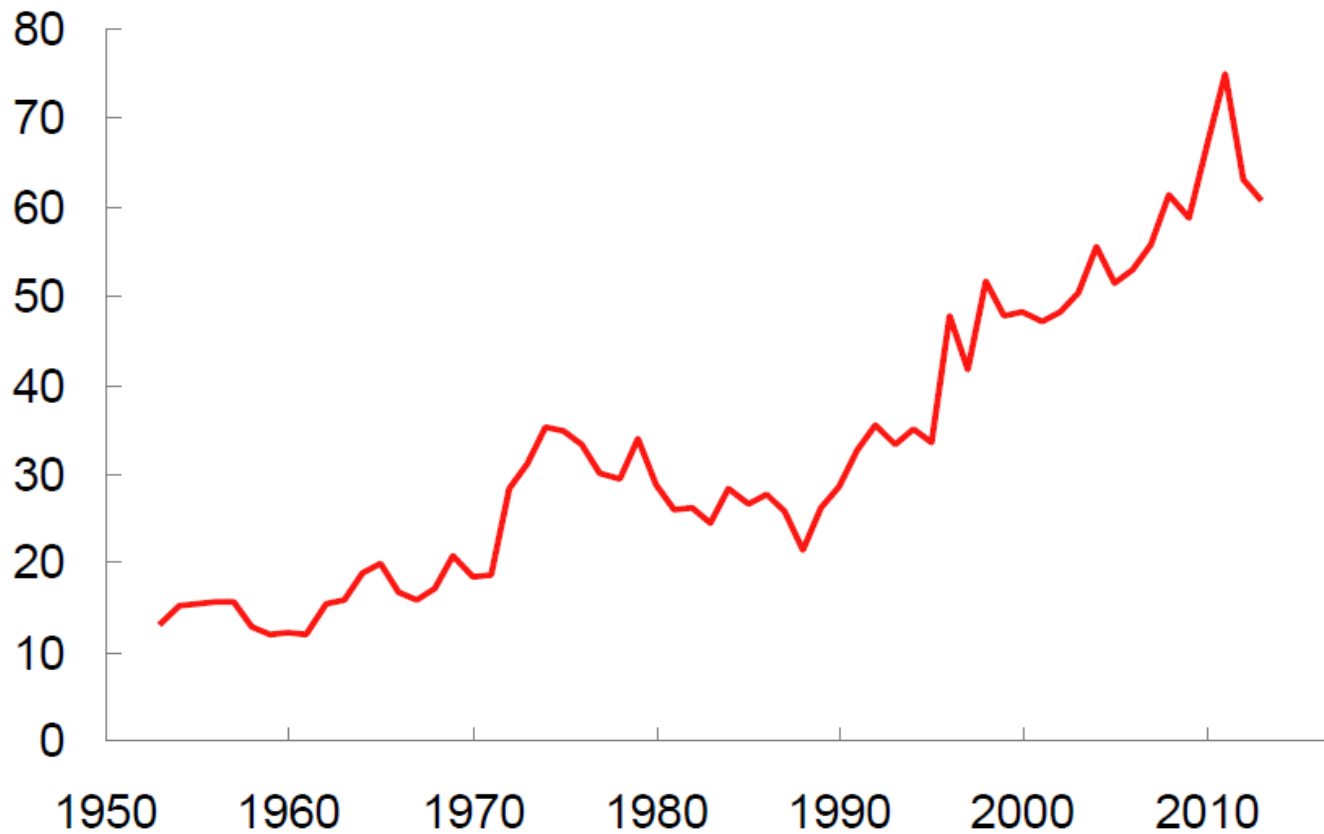
EESI

Harriet Tregoning, Director  
Office of Economic Resilience  
U.S. Department of Housing and Urban Development

# U.S annual disaster declarations rising

## Growth in the number of declared disasters

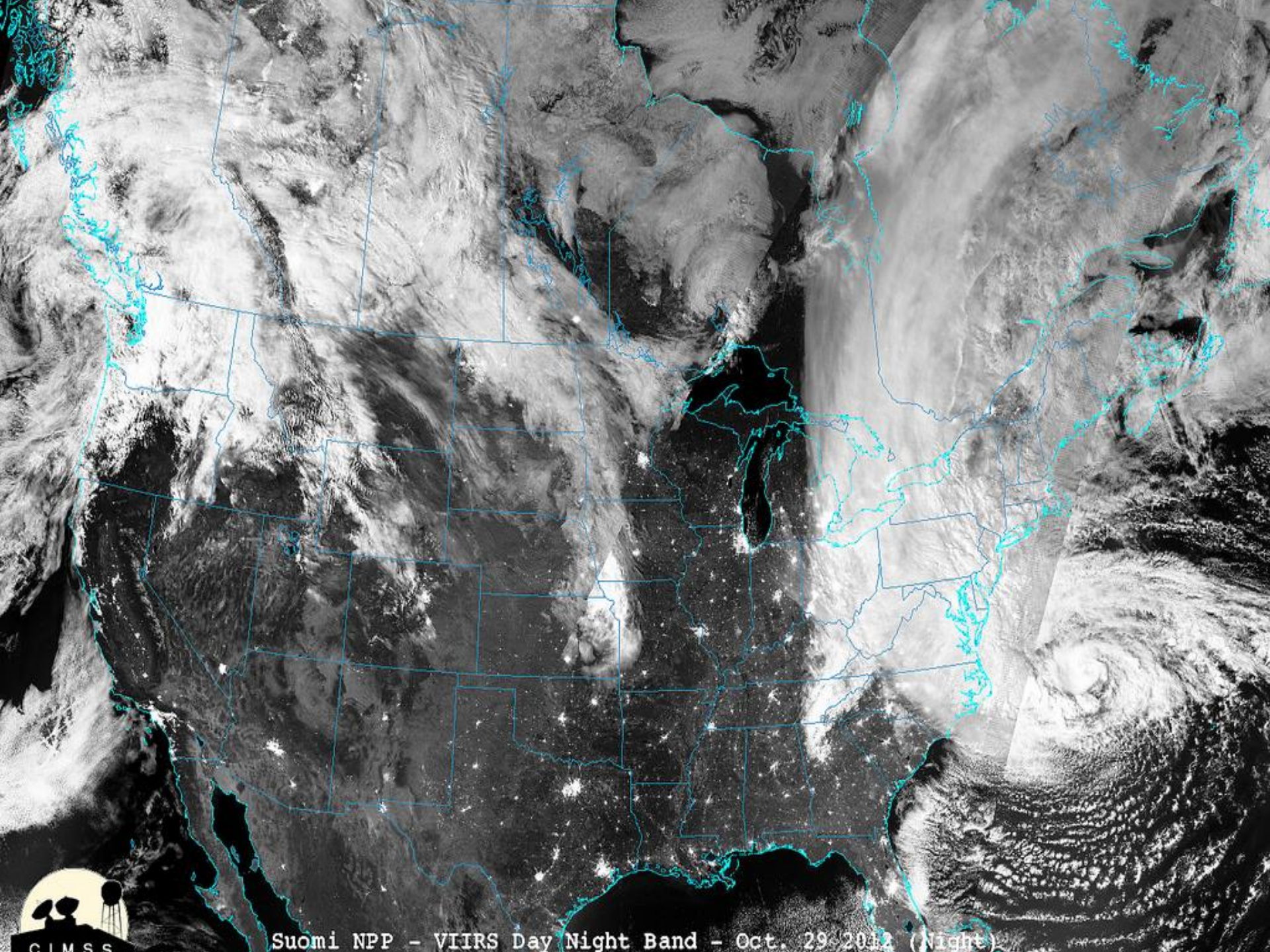
1953-2013 YTD; trailing three year average



# HUD support for resilient disaster recovery

- HUD has been allocated more than \$45 billion in CDBG-DR by Congress since 2000
- HUD wants to invest CDBG-DR dollars not just to help communities rebuild – but to build back better and in a more resilient manner
  - Rebuild by Design
  - National Disaster Resilience Competition





Suomi NPP - VIIRS Day Night Band - Oct. 29, 2012 (Night)





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# Rebuild by Design

- Innovative partnership between Rockefeller Foundation and HUD
- Extensive collaboration with philanthropies, universities, and across the Federal government
- Nearly \$1 billion in CDBG-DR funds allocated to six winning projects across NY/NJ



# DESIGN APPROACHES



Floating and/or amphibious construction



Catch Basin / Retention Pool



Floodwalls / Dry Floodproofing



Constructed ecology (wetlands, reef ecosystem, etc)

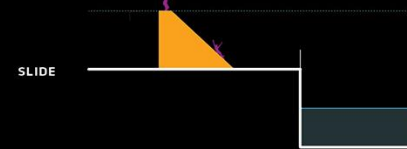
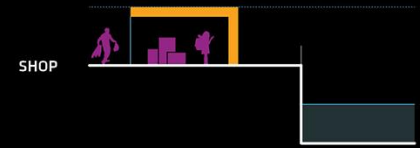
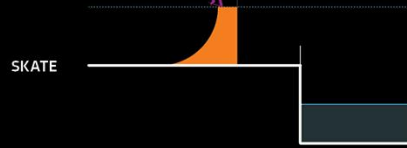
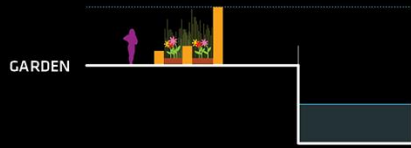
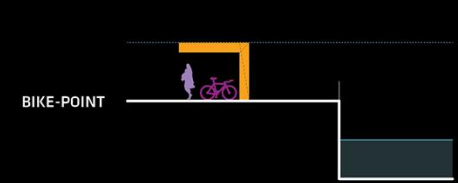
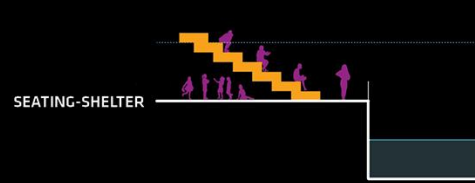
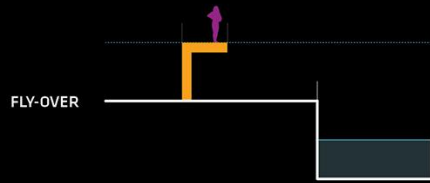
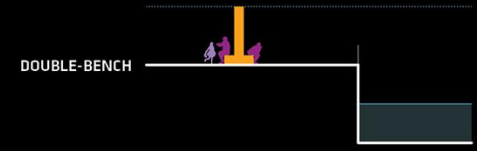
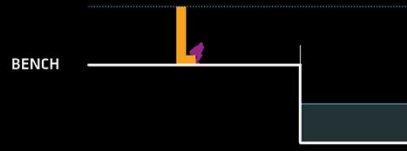


Stacking or combination of program at waters edge

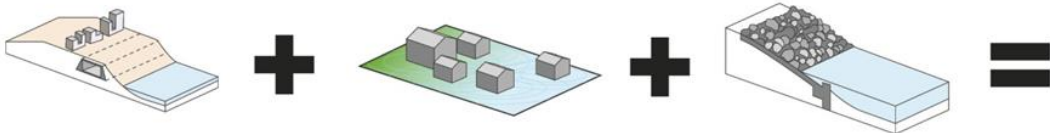
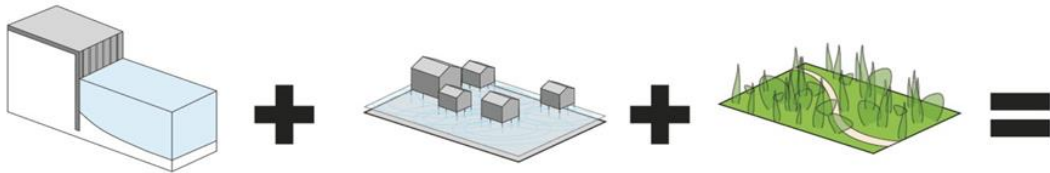
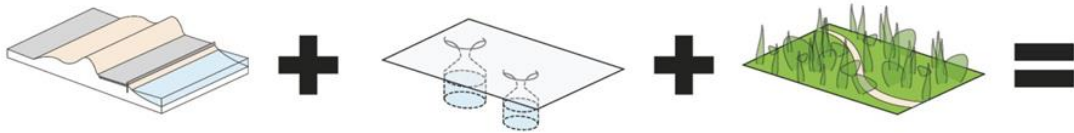
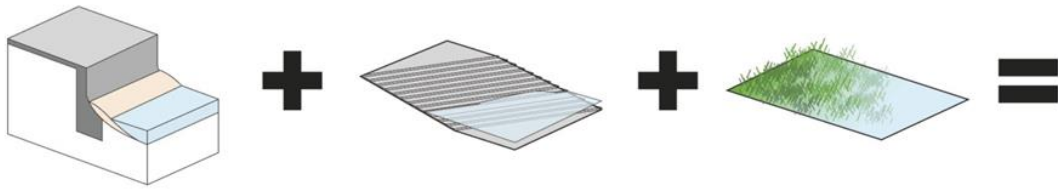


Accessible sloping and or terracing of water edge

HOW CAN A WALL BE MORE THAN A WALL?











# The Infrastructure we need NOW

- ***Resilient/Placemaking***
- ***Meets today's needs/avoids obsolescence***
- ***Creates multiple benefits/multiple funding sources***



**THE EAST RIVER PARK BIKEWAY**

The East River Bikeway and park service road undulate with the base of the berm, creating diverse biking and jogging experiences. Benches wrap around existing trees, creating intimate seating nooks and preserving the park's canopy.

# National Disaster Resilience Competition

- \$1 billion in CDBG-Disaster Recovery funds
  - Can be used for planning and implementation around resilience
- At stake is also the many more billions of dollars that states and communities invest every day
  - Water infrastructure
  - Transportation systems
  - Public buildings
  - Housing

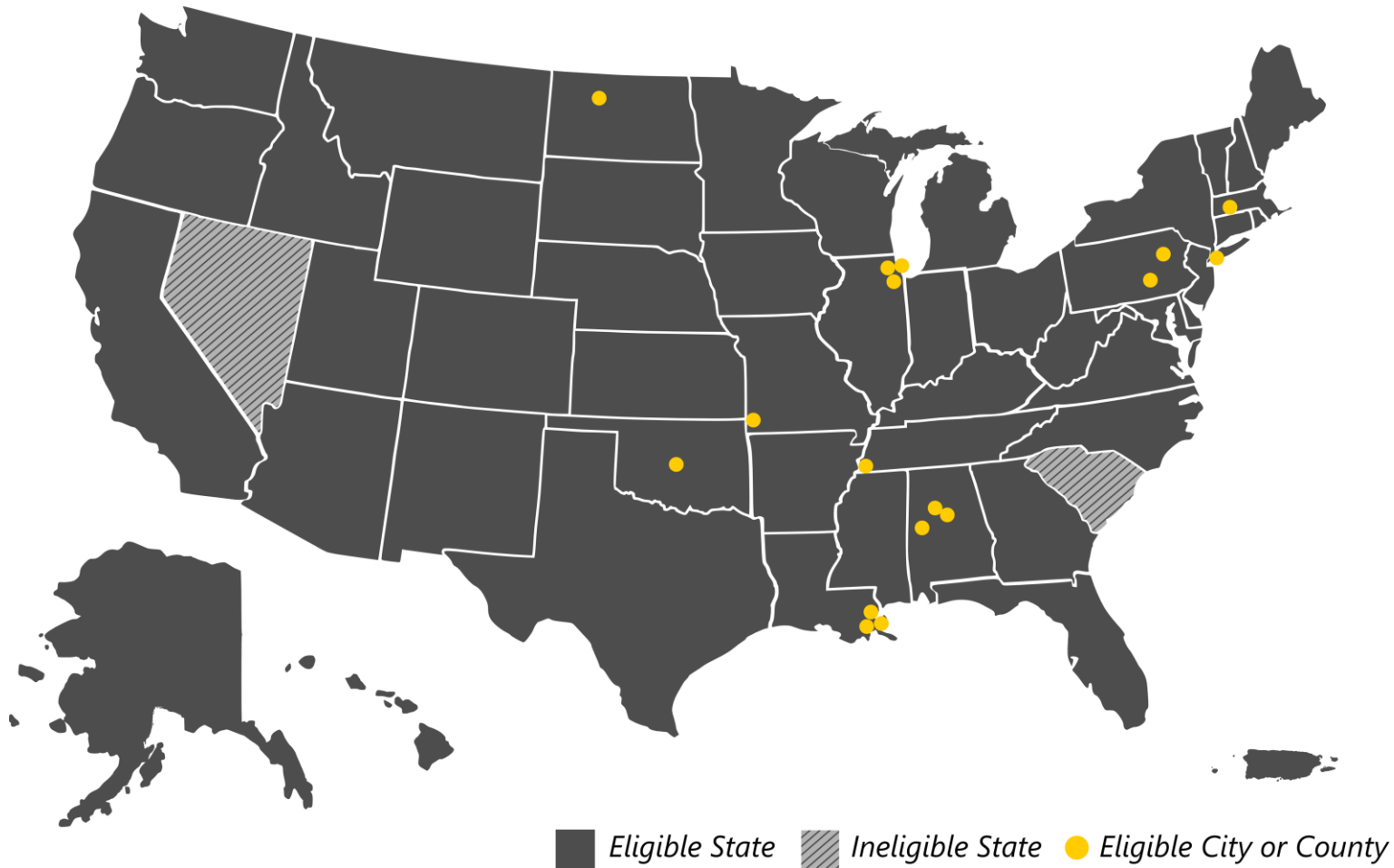


# What are the competition goals?

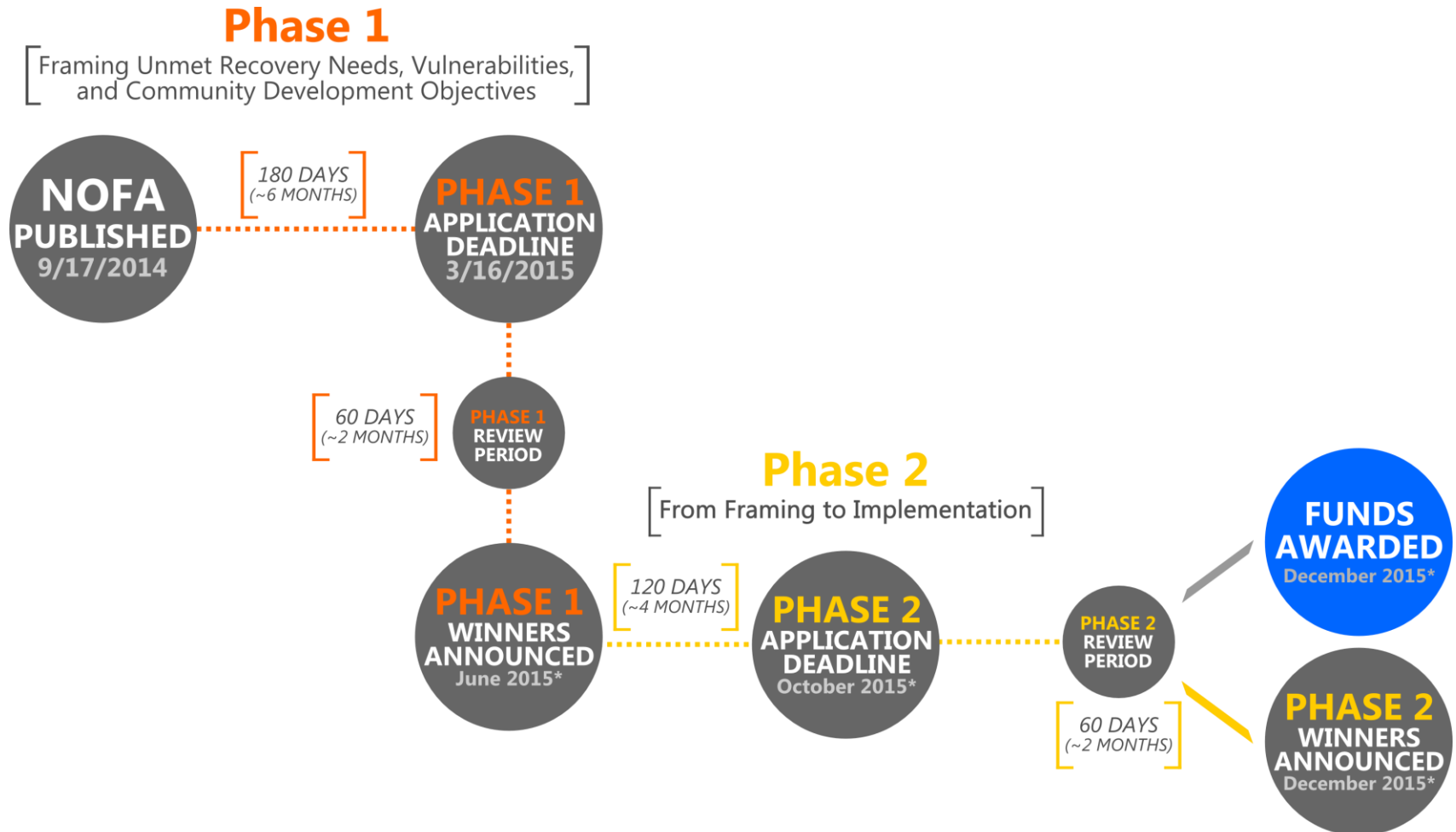
- To **fairly allocate** remaining PL 113-2 CDBG disaster recovery funds.
- To **apply science-based and forward-looking risk analysis** to address recovery, resilience, and revitalization needs.
- To **leave a legacy** of institutionalizing the implementation of thoughtful, innovative, and resilient approaches to addressing future risks.
- To **provide resources to help communities plan and implement** disaster recovery that makes them more resilient to future threats while improving quality of life and making communities more resilient to economic stresses or other shocks.
- To **fully engage stakeholders** about the impacts of climate change and to develop pathways to resilience based on sound science.
- To **leverage investments from the philanthropic community** to help communities define problems, set goals, explore options, and craft solutions.



# Eligible applicants



# 2-Phase competition



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



# Threshold: Unmet Recovery Needs in Most Impacted and Distressed Areas

- Most Impacted and Distressed area with Unmet Recovery Needs
  - Funds are only to address unmet recovery needs (including related resilience) of most impacted and distressed areas that are located in eligible counties
  - Unmet recovery needs in a most impacted and distressed area is a participation threshold – best applications will reach further.
  - See webinar on this threshold



# Competition rating factors

## Phase 1

- Capacity (25 pts)
- Need/Extent of Problem (25)
- Soundness of Approach (30)
- Leverage and Outcomes (15)
- Long-Term Commitment (5)

## Phase 2

- Capacity (20 pts)
- Need/Extent of Problem (20)
- Soundness of Approach (40)
- Leverage (10)
- Long-Term Commitment (10)

# Winning applications

- NDRC
  - Minimum NDRC grant amount is \$1 million
  - Maximum NDRC grant amount is \$500 million
- Reserve pool
  - \$30 million total for non-selected Phase 1 and Phase 2 applicants with demonstrated Unmet Recovery Needs.
  - HUD will issue a separate Federal Register allocation Notice
  - Maximum allocation \$500,000 (for existing PL 113-2 CDBG-DR grantees)
  - Maximum allocation \$2.5 million (for those not previously awarded HUD funds under PL 113-2)
- See NOFA for details



# Rockefeller Foundation partnership with HUD

- The Rockefeller Foundation will provide targeted technical assistance to eligible communities to support a stakeholder-driven process, informed by the best available data, to identify recovery needs and innovative solutions.
- The Foundation is organizing a series of Resilience Academies for the 67 eligible states and communities around the country to build their understanding of:
  - resilience;
  - the hazards, shocks, stresses, and other factors that contribute to an uncertain future;
  - the role of innovation and design in resilience building; and
  - strategies for resilience planning in their home communities.



# Information and other technical assistance

- Related to the NOFA
  - Webinar series
  - NOFA FAQs
  - [Resilientrecovery@hud.gov](mailto:Resilientrecovery@hud.gov)
- Related to Resilience and Climate change
  - HUD Exchange website  
<https://hudexchange.gov/cdbg-dr/resilientrecovery>
  - Other federal agencies, FEMA, DOT, USACE, EPA

