BUILDING RESILIENCY IN YOUR ECONOMY
RESILIENCE 101

Definition
re·sil·i·ence (n.) : the ability to plan and prepare for, recover from, or more successfully adapt to actual or potential adverse events

Takeaways
• Many shocks and stresses are regional
• Distant vulnerabilities can have local impacts
• Chronic stresses affect anticipation, response, and recovery from major shocks
• There are several scales to resilience
RESILIENCE SCALES

PERSONAL

NEIGHBORHOOD

REGIONAL

NATIONAL

GLOBAL
HOW HUD SUPPORTS RESILIENCE

1. CDBG-DR PROGRAM
2. NDRC
3. SCI
4. BUILD AMERICA
CDBG-DR PROCESS

CONGRESS → HUD → GRANTEE

CONGRESS:
Approves Appropriation

HUD:
1. Calculates & announces allocations
2. Publishes a notice in the federal register
3. Awards funds

GRANTEE:
1. Prepares action plan
2. Administers programs or activities or works with another entity to distribute funds
CDBG-DR program funds are for necessary expenses related to disaster relief, long-term recovery, restoration of infrastructure and housing, and economic revitalization in the most impacted and distressed areas.

More info: https://www.hudexchange.info/cdbg-dr/
CDBG-DR GRANTEES

$43 Billion (FY2005-2013)
29 States
23 Local governments
NDRC BACKGROUND

• Public Law 113-2
• 2011-2013 PDMDAs
• $1 Billion in CDBG-DR Funds
• Partnership with Rockefeller
• Leveraging resilience approaches with other community investments
NDRC TWO-PHASE COMPETITION

Phase 1
Framing Unmet Recovery Needs, Vulnerabilities, and Community Development Objectives

NOFA PUBLISHED 9/17/2014

PHASE 1 APPLICATION DEADLINE 3/27/2015

180 DAYS (~6 MONTHS)

PHASE 1 REVIEW PERIOD

60 DAYS (~2 MONTHS)

PHASE 1 WINNERS ANNOUNCED 6/22/2015

Phase 2
From Framing to Implementation

PHASE 2 APPLICATION DEADLINE 10/27/2015

120 DAYS (~4 MONTHS)

PHASE 2 REVIEW PERIOD

60 DAYS (~2 MONTHS)

PHASE 2 WINNERS ANNOUNCED January 2016*

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

• In Phase 2, HUD requires a Benefit-Cost Analysis (BCA) for high dollar values proposed projects in their application

• Applicants must use the base-case discount rate of 7% and follow guidelines of OMB Circular A-94

• Applicants must submit outcome metrics for all projects in each of the following categories:
  • Resilience Value
  • Environmental Value
  • Social Value; and
  • Economic Revitalization
ROCKEFELLER TECHNICAL ASSISTANCE

- Phase 1: $5 million in TA and capacity building for 67 eligible NDRC applicants
  - Five regional Resilience Academies and Federal Resilience Workshop
- Phase 2: $3.2 million in TA to 40 NDRC applicants
  - Resilience Academies and a Resilience Summit in Washington
NDRC RESOURCES


HUD Exchange:  https://www.hudexchange.info/cdbg-dr/resilient-recovery


White House Fact Sheet:  https://www.whitehouse.gov/the-press-office/2014/06/14/fact-sheet-national-disaster-resilience-competition

Questions? Email Resilientrecovery@hud.gov
SUSTAINABLE COMMUNITIES INITIATIVE (SCI)
Established in 2009 with the Partnership for Sustainable Communities

Community Challenge and Regional Planning Grant Programs

143 communities awarded grants in FY2010-2011

$240 million in funding; additional $250 million leveraged

City-wide, neighborhood, corridor, and station area plans

Regional plans for sustainable development
SCI PROJECTS SUPPORTING RESILIENCE

• Economic development and diversification plans
• Climate change and adaptation plans
• Increasing housing and transportation choices
• Modernizing zoning codes and land use provisions
• Affordable housing studies and plans
• Green infrastructure
• Fair Housing and Equity Assessments (FHEA)
• Many more...
SCI RESOURCES

SCI Resource Library:  
https://www.hudexchange.info/programs/sci/resources

Better Plans for Better Places Report:  
http://betterplansbetterplaces.iscvt.org/

Partnership for Sustainable Communities:  
http://www.sustainablecommunities.gov/

HUD Office of Economic Resilience:  
BUILD AMERICA GOALS

• Attract private investment in resilient infrastructure projects
• Encourage use of CDBG and other federal resources for predevelopment activities
• Provide resources to communities to enable predevelopment work that builds on the SCI model and leads to more resilient and multi-benefit infrastructure projects
• Development of Federal Resource Guide for Infrastructure Planning and Design
• May 5, 2015 White House Roundtable on Infrastructure Predevelopment titled ‘Building the Project Pipeline’
• USDOT and USEPA Infrastructure Finance Finance Centers have been opened
• Launched parallel interagency working group called the Broadband Opportunity Council
• Published a Treasury white paper on PPP risk- and profit-sharing models
• Progress towards USACE “Red Book” permitting handbook
BUILD AMERICA PREDEVELOPMENT PRINCIPLES

1. Base Project Objectives on Regionally or Locally Established Plans and Policies
2. Conduct and Utilize Comprehensive Analysis to Determine Needs and Approaches
3. Seek Broad Community Engagement and Support
4. Position Communities to Advance Equity
5. Foster the Potential for Multiple Funding Sources
6. Consider Multiple Potential Scenarios for Achieving Desired Outcomes
7. Coordinate with Other Infrastructure Investments
8. Employ Adaptable and Reliable Technologies that Look to the Future
Federal Resource Guide for Infrastructure Planning and Design:

USDOT Build America Transportation Investment Center:
http://www.transportation.gov/buildamerica

USEPA Water Infrastructure and Resiliency Finance Center:
http://water.epa.gov/infrastructure/waterfinancecenter.cfm

Treasury White Paper on PPP risk/profit-sharing models:
http://www.treasury.gov/connect/blog/Documents/Treasury%20Infrastructure%20White%20Pape
r%20042215.pdf

White House Fact Sheet on Build America:
RESILIENCE TOOLS FOR ECON DEV

HUD Exchange Community Resilience Planning Resources: https://www.hudexchange.info/manage-a-program/community-resilience/community-resilience-planning-resources

U.S. Climate Resilience Toolkit: http://toolkit.climate.gov/tools

FEMA Community Planning and Capacity Building Tools: https://www.fema.gov/community-planning-and-capacity-building

National Academies Reports:
http://nas-sites.org/resilience/nas-reports/
http://sites.nationalacademies.org/PGA/resilientamerica/

EDA Info on incorporating resilience into CEDS:
http://www.eda.gov/ceds/content/economic-resilience.htm
FINAL THOUGHTS ON RESILIENCE

Increasing Frequency of Climate Change Effects

- Since 2005, Congress has allocated $43 billion in CDBG-DR funds to states and localities
- Hurricane Sandy = $50 billion in damages
- Hurricane Katrina = $108 billion in damages

Interjurisdictional Collaborations are Critical

- Natural disasters have cross-jurisdictional impacts
- Cooperation across jurisdictions is critical for response, recovery, and adaptation
- HUD SCI grantees have laid groundwork for resilience strategies at the regional and cross-state level
- Example: NY-CT Sustainable Communities Consortium
Vulnerable Populations and Resilience

- Natural disasters and other major shocks have devastating and disproportionate effects on low and moderate income families
  - Severe wealth and income inequalities limit choice, opportunity, and financial stability for a large percentage of the population
- Regional Planning grantees under HUD’s Sustainable Communities Initiative were required to conduct Fair Housing and Equity Assessments (FHEAs)
  - This analysis and the FHEAs are now informing the implementation of HUD’s new Affirmatively Furthering Fair Housing (AFFH) final rule
  - Importance of engaging LMI populations
  - Example: Growing Transit Communities (Puget Sound Region)