Regrow Kentucky: A Path to Resiliency

National Disaster Resilience Competition (NDRC)
Defining Resilience

- **Survive, Adapt & Thrive**
- Bouncing back from disasters or shocks...or better yet bouncing forward!
- **Triple Bottom Line: Environmental, Social, Economic**
The U.S. Department of Housing and Urban Development (HUD) announced the National Disaster Resilience Competition (NDRC) in September 2014.

Through the NDRC, HUD will award about $1 billion ($180M for Hurricane Sandy affected communities) funds remaining from the Hurricane Sandy Relief bill.

Nationwide, 67 applicants experienced a qualifying Presidential Declaration disaster between 2011-2013 were eligible to compete for funding.
The NDRC is a two phase competition—Kentucky qualified in phase 1 and is one of 40 (out of 67) applicants invited to compete in phase 2.

- $1 million - $500 million awards
- Based on Rebuild by Design competition in New York City
Two Phase Project

* Must be awarded Phase 1 to apply for Phase 2
  * Phase 1: Frame the issues, create a coalition of stakeholders, unmet recovery needs, vulnerabilities (hazard and social) and community objectives.
  * Phase 2: Implementation of Phase 1 proposal...projects & programs
Phase I NDRC

* KY successfully demonstrated resources and capabilities in Phase I
* Regrow Kentucky
* Hazards – flooding, severe storm and tornado
* **THRESHOLD**
  * Target areas – Bell, Jefferson, Johnson, Magoffin, Morgan
Target Areas

Meets Most Impacted and Distressed

Legend
- County Boundary
- No Disaster
- Impacted and Distressed
  - No
  - Yes

Current Map Includes Housing and Infrastructure categories for Impact and Disaster Impacted Low and Moderate-income Households, Loss/Shortage of Affordable Rental Housing, Economically Fragile Area, and Documented Environmental Distress for Distress. Louisville and Middlesboro Qualified as a Census Place. Johnson and Morgan qualify by combining three tracts in each county.
Phase II NDRC

* Phase II – project/program implementation to create **resilience**
* Recover from 2011-2013 disasters... and tie back
* Target PROJECTS and PROGRAMS
  * Agriculture (hemp, coal mine reuse, produce co-op)
  * Utility (waste water, sewer, untapped energy sources)
  * Community Development (greenspace, wetlands, water storage, education programs)
  * CCRR governance
  * CHAMPS data management
Phase II Plan

Vision/Goals determined by Recovery Council

Phase 2

Seed Money

- Project type Agriculture
- Project type Utility
- Project type River Walk

CHAMPS

Phase 3 - Sustainability
* Commonwealth Council for Community Recovery and Resilience...July 2014
* Governs Regrow Kentucky Program
* 12 Members expertise in finance, emergency management, energy and environment, transportation, housing, and health and family services...based on the National Disaster Recovery Framework
* Source for collaboration, outreach, communication...funding
Seed Money

- Sustainable project funding
- Long term solution
- Projects subject to criteria ranking
- Project solicitation from multiple sources
CHAMPS

* Community Hazard Assessment and Mitigation Planning System
* Refine CHAMPS... more social, environmental & economic data modules
* Priority ranking
* BCA
* Project Tracking
* Single source for DATA
Example Projects

* Greensburg, Kansas
  * Green Approach: Greensburg has the highest per captia concentration of US Green Building LEED certified buildings in the US
  * Competitive advantage attracting new jobs, Green Greensburg (population retention)

* Kinston, North Carolina
  * Relocation of Floodplain properties through voluntary flood buyout program
  * Leveraged funding from FEMA HMGP, Governor’s Relief Fund, Clean Water Management Trust Fund, HUD CDBG, Low income housing credits, and other state and local funding

* Boulder, Colorado
  * Greenway Flood Protection: Greenways Master Plan
  * Compatibility of multiple Plans (Flood, Stormwater, Comprehensive, Transportation, Parks and Recreation and others)
Example Resilience Projects
<table>
<thead>
<tr>
<th>Criteria</th>
<th>Description</th>
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<tbody>
<tr>
<td>1 Economic &amp; Community Development</td>
<td>Increases resiliency, economic revitalization, and/or restores infrastructure</td>
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<td>2 Housing</td>
<td>Promotes equitable, affordable housing</td>
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<td>3 Sustainability</td>
<td>Provides a long term impact and success, improves the environment, education, economic prosperity, infrastructure, and/or quality of life, etc.</td>
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<td>4 Replication &amp; Scalability</td>
<td>Represents a model for other communities, is applicable to benefit a larger community, integrates a holistic vision</td>
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<td>5 Leverage</td>
<td>Offers additional sources of funding in addition to NDRC funds</td>
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<td>6 Hazard Risk Reduction</td>
<td>Reduces the risk of potential hazards or vulnerabilities such as flooding, tornado, severe storms</td>
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<td>7 Social Equity</td>
<td>Addresses social vulnerability</td>
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<td>8 Environmental Enhancement</td>
<td>Improves waste reduction, energy consumption, water quality, water availability, and/or air quality</td>
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<td>9 Benefit Cost</td>
<td>Presents feasibility, justification, and cost effectiveness</td>
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<td>10 Regional Implications</td>
<td>Illustrates regional application, addresses concerns that align with other jurisdictions in the region</td>
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Project Sources

- **Local Communities**
- CCRR
- Other State agencies not included in CCRR
- State, regional, local conferences
- Shaping Our Appalachian Region
- Mitigation Action Forms from CHAMPS
- FEMA Action Tracker/Risk MAP
Leverage Solicitation

* Potential sources of project/program funding
* Existing programs
* Planned projects with dedicated funds
* Partner with the philanthropic community
Key Dates

- Phase 1 Application Deadline: March 27, 2015
- Phase 1 Winners Announced: June 22, 2015
- Phase 2 Application Deadline: October 27, 2015
- Obligation of Funds Deadline: September 2017
- Expenditure Deadline: September 2019
Key Points

* Think beyond traditional disaster projects
  * How can this benefit the region or State
  * Can this be replicated and scaled
  * Advancement of community development objectives...economic development, health, integration
  * Not a one off – Needs to be holistic!
  * Building a sustainable program for resilience in the Commonwealth
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