Agenda for Planning Committee Meeting #3

1. Schedule Review and Project Update
2. Conceptual Plan Review
4. Public Meeting #2 Preparation
5. Next Steps
The Planning Committee is working towards a Community Reconstruction Plan supporting specific goals.

**Goals**
- Increase resiliency of key assets
- Address short, medium, and long-term risks
- Balance costs and benefits
- Protect vulnerable populations
- Drive economic growth
- Coordinate with regional initiatives
- Outline steps for implementation

**Community Reconstruction Plan**

**Six Recovery Functions**
- Community Planning & Capacity Building
- Economic Development
- Health & Human Services
- Housing
- Infrastructure
- Natural & Cultural Resources
In today’s meeting we will discuss the Conceptual Plan, prioritize strategies, and prepare for Public Meeting #2

Meeting objectives

- Identify Assets and Risks
- Define Needs, Opportunities, and Vision
- Identify, Evaluate, and Prioritize Projects and Actions
- Identify Funding Sources and Develop Implementation Plan
- Create Final Community Reconstruction Plan
### NY Rising Community Reconstruction Program work schedule

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<td>Work Plan</td>
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<td>Vision, Asset &amp; Risk Assessments</td>
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<td>Draft Conceptual Plan</td>
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<tr>
<td>List of Strategies</td>
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<td>List of Priority Projects</td>
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<tr>
<td>Final Community Reconstruction Plan</td>
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- **Planning Committee Meeting**
- **Public Meeting**
- **Deliverable Due Date**

- **Work Plan**: Sept. 20
- **Vision, Asset & Risk Assessments**: 1**
- **Draft Conceptual Plan**: 2**
- **List of Strategies**: 3**
- **List of Priority Projects**: 4**
- **Final Community Reconstruction Plan**: 3 5 4**

**Public Meeting #2**: December 2nd

**Today**: Public Meeting #2: December 2nd

**Early Dec.**: 2

**Dec. 30**: 4**

**Mar. 31**: 3 5 4**
NY Rising to The Top Competition

NY Rising Community Reconstruction Program Funds:

Lower Manhattan: up to $25 million

Possible additional funds ($3 million per category)

1. Regional collaboration
2. Use of technology in the planning process
3. Community involvement
4. Inclusion of vulnerable populations
5. Use of green infrastructure
6. Innovative and cost-effective financing
7. Infrastructure investment with multiple co-benefits
Public Meeting #1

Public Meeting #1:
- Approx. 80 attendees
- High rate of attendee feedback and interaction

Goals for Public Meeting #2:
- Expand attendance
- Better representation of the diversity of residents and neighborhoods

Additional input or comments?
Agenda for Planning Committee Meeting #3

1. Schedule Review and Project Update
2. Conceptual Plan Review
4. Public Meeting #2 Preparation
5. Next Steps
Draft Conceptual Plan – Key Sections

<table>
<thead>
<tr>
<th>Section</th>
<th>Subsections</th>
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<tbody>
<tr>
<td>I. Introduction</td>
<td>NY Rising Program Overview, Approach to Public Outreach</td>
</tr>
<tr>
<td>II. Community Context</td>
<td>Geographic Scope, Community Overview</td>
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<tr>
<td>III. Storm Impacts &amp; Risk</td>
<td>Summary of Storm Impacts, Recovering from the Storm</td>
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<tr>
<td>IV. Rebuilding &amp; Resiliency Planning</td>
<td>Process Overview, Community Assets, Needs &amp; Opportunities, Goals &amp; Vision</td>
</tr>
<tr>
<td>V. Additional Considerations</td>
<td>Regional Perspectives, Existing Plans, Studies, and Projects</td>
</tr>
<tr>
<td>VI. Preliminary Strategies &amp; Projects</td>
<td>Preliminary Strategies, Projects and Actions, Next Steps &amp; Implementations Planning</td>
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### IV. Public Input

#### Needs and Opportunities Summary

<table>
<thead>
<tr>
<th>Recovery Function</th>
<th>Need</th>
<th>Times Mentioned</th>
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<tbody>
<tr>
<td><strong>COMMUNITY PLANNING &amp; CAPACITY BUILDING</strong></td>
<td>Improved knowledge around preparedness, response, and recovery</td>
<td>18</td>
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<tr>
<td></td>
<td>Protection of vulnerable populations</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td>Strengthened community organizations</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Resilient power supply</td>
<td>8</td>
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<tr>
<td></td>
<td>Coastal flood protection</td>
<td>7</td>
</tr>
<tr>
<td><strong>INFRASTRUCTURE</strong></td>
<td>Resilient and redundant transportation options</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Improved drainage</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Resilient telecommunications</td>
<td>1</td>
</tr>
<tr>
<td><strong>HEALTH &amp; HUMAN SERVICES</strong></td>
<td>Improved and expanded evacuation center(s)</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>Ensured access to quality healthcare and medicine</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Ensured food supply</td>
<td>2</td>
</tr>
<tr>
<td><strong>HOUSING</strong></td>
<td>Resilient residential buildings</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>Resilient affordable housing</td>
<td>1</td>
</tr>
<tr>
<td><strong>ECONOMIC DEVELOPMENT</strong></td>
<td>Resilient small business operations</td>
<td>4</td>
</tr>
<tr>
<td><strong>NATURAL &amp; CULTURAL RESOURCES</strong></td>
<td>Resilient groundfloor businesses and retail</td>
<td>1</td>
</tr>
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<td></td>
<td>Resilient public realm</td>
<td>2</td>
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</tbody>
</table>
Agenda for Planning Committee Meeting #3

1. Schedule Review and Project Update
2. Conceptual Plan Review
4. Public Meeting #2 Preparation
5. Next Steps
Prioritization of strategies

1. Review prioritization process

2. Discuss key strategies
   - Precedents
   - Current status
   - Potential projects
   - Pros/cons
Projects and recommendations

**Projects**
- High priority
- Address unmet need
- Appropriate scale and cost
- CDBG-DR eligible

**Recommendations**
- City/state/federal entities working to address
- Inappropriate scale and cost
- Lack resiliency benefits
- CDBG-DR ineligible
Next steps for projects and recommendations

**Projects**
- Subsequent evaluation:
  - Feasibility
  - Cost
  - Risk Reduction
  - Co-benefits
  - Funding availability
  - Public support

**Recommendations**
- Limited further analysis
- To be included in Final Community Reconstruction Plan
Key strategies

1. Improve emergency preparedness, response, and recovery

2. Increase resiliency of small businesses

3. Increase building resiliency

4. Increase infrastructure systems resiliency
Strategy: Improve emergency preparedness, response, and recovery

Source: CAAAHV
Strategy: Improve emergency preparedness, response, and recovery

- Increase capacity and coordination of community organizations to serve constituents
- Improve quality and capacity of the area’s evacuation center
- Enable vulnerable individuals to better endure severe weather-related events
Community organizations

Potential initiatives:

– Establish network of clearly-identified relief centers with:
  - Food, water, and supplies
  - Medication and basic healthcare
  - Information and technical resources

– Create grant program(s) to help finance:
  - Hiring and training of skilled staff
  - Emergency education and outreach

– Form working group to create disaster preparedness plan and coordination mechanisms
  - Review work of Lower East Side Long Term Recovery Group and potential for scaling up
  - Investigate web-based tools for communication and coordination
Precedent: Red Hook Initiative (RHI)

Initiative: Establish relief centers
Precedent: Red Hook Initiative relief center and services

Red Hook Initiative is a community organization with a facility in Brooklyn that was open 24/7 during Sandy. At Sandy’s peak, over 1,200 people stopped by to get a hot meal, charge phones, and pick up emergency supplies. RHI also hosted an urgent care clinic whose volunteers brought medications to homebound individuals.

Community members getting hot food during Sandy
Source: Red Hook Initiative
### Initiative: Establish relief centers

<table>
<thead>
<tr>
<th>Pros</th>
<th>Cons</th>
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<tbody>
<tr>
<td>CDBG-DR eligible</td>
<td>Requires substantial space</td>
</tr>
<tr>
<td>Community need expressed</td>
<td>May require costly resiliency and other upgrades</td>
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<tr>
<td>Leverages existing organizations and service networks</td>
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Evacuation center

Potential initiatives:

- Conduct surveys on center needs and Seward Park experience

- Assess capacity of Seward Park against current and future needs

- Investigate alternative locations

- Suggest upgrades to NYC Office of Emergency Management (OEM)
Vulnerable individuals

Potential initiatives:

- Review existing efforts and **clarify roles** for agencies and organizations

- Develop **registry of vulnerable individuals**, identify oversight body and tracking system

- Establish plan for **delivering needed supplies**

- Create **multilingual** training and outreach programs on emergency preparedness, response, and recovery
Precedent: Broadmoor Community Emergency Response Team (CERT)

**Initiative:** Develop registry of vulnerable individuals
**Precedent:** Broadmoor Community Emergency Response Team

After Katrina, the Broadmoor Improvement Association (BIA) trained 20 residents in disaster response skills through FEMA’s CERT program. The CERT maintains a list of vulnerable residents, contacts them in emergencies, and arranges rides to city evacuation pick-up points. The BIA also runs a toll-free check-in number and online community forum in which residents can report themselves as safe.
Initiative: Develop registry of vulnerable individuals

**Pros**
- CDBG-DR eligible
- Strong community need expressed

**Cons**
- Requires consistent monitoring for complete and up-to-date records
- Privacy concerns
- Limited value if not properly implemented
Strategy: Increase resiliency of small businesses
Strategy: Increase resiliency of small businesses

Potential initiatives:

– Create **online resources** and workshops on resiliency upgrades

– Develop **financing programs** for upgrades to **commercial spaces** and **operating systems**

– Provide access to **mobile credit card payment solutions** that enable operations to resume more quickly

– Pursue **building and corridor protections** along vulnerable retail corridors
Initiative: Financing for commercial resiliency
Precedent: Deployable flood protection for retail corridors

Hydraulic Floodgate

Embedded Flood Barrier
Strategy: Increase building resiliency
Strategy: Increase building resiliency

Potential initiatives:

– Develop **technical training materials** and **workshops** on resiliency **best practices** for building owners and property managers

– Develop **financial incentives** and **technical support** to encourage property owners to undertake upgrades to buildings and utility systems

– Establish **guidelines** for resiliency upgrades

– Support purchase of **backup generators** for large residential and commercial developments
Precedent: Enterprise Partners Learning Collaborative for Resilience

**Initiative:** Provide technical assistance to support resiliency upgrades in affordable housing

**Precedent:** Enterprise Partners Learning Collaborative for Resilience

Enterprise launched a program to help organizations in New York City improve the resiliency of their affordable housing properties.

The program will provide technical assistance to help organizations develop comprehensive disaster preparedness and response plans for their housing portfolios and explore resilient retrofit option.

LESFMHA participating property 227 East Third Street.
Source: Sandy Success Stories
Initiative: Provide technical assistance to support resiliency upgrades

**Pros**

- Building owners receive immediate guidance
- Effective for helping large portfolio owners such as affordable housing developers

**Cons**

- Still may require financial resources for upgrades to be realized
- Inefficient for supporting individual residential and commercial property owners
Strategy: Increase infrastructure system resiliency

Source: MTA
Strategy: Increase infrastructure system resiliency

Sub-categories:

- Increase resiliency of *telecommunications*
- Increase *transportation* resiliency and redundancy
- Increase *coastal protection*
Telecommunications resiliency

Potential initiatives:

- Renewable, **redundant power sources** for cell-phone towers

- Provide **grants to community organizations** to increase resiliency of on-site telecommunications infrastructure

- Encourage telecommunications companies to **improve the resiliency** of assets

- Explore potential for use of the **NYCWiN network** for key community organizations during emergencies
Precedent: Solar-powered cell phone tower backup

**Initiative:** Renewable, redundant power sources for cell-phone towers

**Precedent:** Solar-powered cell phone tower backup

In India, solar arrays are being installed to provide primary and backup energy for cell phone towers.

This could be a solution for emergency backup in Lower Manhattan with solar arrays placed on roofs.

NYC Department of Parks and Recreation solar installation test site
Source: NYC Department of Parks and Recreation
### Initiative: Renewable, redundant power sources for cell-phone towers

<table>
<thead>
<tr>
<th>Pros</th>
<th>Cons</th>
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<tbody>
<tr>
<td>▪ CDBG-DR eligible</td>
<td>▪ Requires space for solar panels</td>
</tr>
<tr>
<td>▪ Reliable cell phone access is critical need</td>
<td>▪ Maintenance issues for backup that is used infrequently (but may be less than for generators)</td>
</tr>
<tr>
<td>▪ Sustainable solution</td>
<td>▪ High cost</td>
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Transportation resiliency and redundancy

Potential initiatives:

– Enhance safe and convenient pedestrian and bicycle routes during emergencies

– Leverage car-sharing presence in Lower Manhattan for evacuation and recovery

– Expand bus service during and after emergency events
Precedent: “Evacuspots” to enhance mobility after emergency events

**Initiative:** Provide flexible, redundant evacuation options  
**Precedent:** Evacuation support through “evacuspots” program in New Orleans

17 “evacuspots” were designated in New Orleans to serve as pick-up points for residents and visitors who cannot self-evacuate during a mandatory evacuation emergency.
### Initiative: Provide flexible, redundant transportation options

<table>
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<tr>
<th>Pros</th>
<th>Cons</th>
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<tr>
<td><em>Flexible solution</em></td>
<td><em>Requires operational funding and staffing</em></td>
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<tr>
<td><em>Can be targeted to vulnerable populations</em></td>
<td><em>Requires significant interagency coordination</em></td>
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<td><em>Can be incorporated into wider emergency coordination plan</em></td>
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Coastal protection

Potential initiatives:

– Identify and fund “gap” coastal protection improvements

– Support City and State implementation of coastal protection measures

– Incentivize waterfront private property owners to implement coastal protection measures

– Support multi-purpose levee (e.g. Seaport City)
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Public Meeting #2

Monday, December 2\textsuperscript{nd}, 2013 | 6:00 - 8:00pm
Location: St. Augustine Church, 290 Henry St., Lower East Side

Goals:
- Inform public about the NYRCR Program
- Gather input on strategies, projects, and recommendations

Possible Formats:
- Open house with break-out stations
- Small discussion group tables
OpenPlans interactive mapping website is live and will be displayed at Public Meeting #2

http://nyrisingmap.org/
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