Agenda for Planning Committee Meeting #5

1. **Schedule Review and Project Update**  8:30-8:50am
   - Overview of Timeline
   - CDBG-DR Eligibility

2. **Report-Back from Working Groups**  8:50-9:50am
   - Emergency Preparedness, Response, and Recovery
   - Open Space Resiliency
   - Residential Resiliency
   - Small Business Resiliency

3. **Discussion: Project Prioritization**  9:50-10:10am


5. **Next Steps**  10:20-10:30am
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

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**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 project prioritization and **confirm priority projects** to recommend for funding within the NYRCR program.

Meeting objectives

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

### Tasks

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<td><strong>CDBG-DR Priority Project Reporting</strong></td>
<td>Today</td>
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<td>Jan. 31</td>
<td>Committee submits 5-10 “Priority CDBG-DR Projects”</td>
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<td>Project Cost/Benefit and Risk Analysis</td>
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NY Rising Community Reconstruction Program **work schedule**

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DOS determines CDBG-DR project eligibility
### NY Rising Community Reconstruction Program Work Schedule

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Committee submits projects for CDBG-DR funding
# NY Rising Community Reconstruction Program Work Schedule

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Committee submits Final Plan

Today: CDBG-DR Priority Project Reporting

Planning Committee Meeting
Public Meeting
Deliverable Due Date
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
8. Approach to Resilient Economic Growth
To move forward with project prioritization, we held a series of working group meetings.
Working groups used **Project Prioritization Criteria** to evaluate projects.

**DOS Evaluation Criteria**
- Co-Benefits
- Cost (preliminary)
- Feasibility
- Funding Availability (preliminary)
- Public Support (preliminary)
- Risk Reduction

**Committee-Generated Criteria**
- Geographic Spread
- Scalability
- Synergy
- Timeline
- Vulnerable Populations Focus
Throughout the working groups, some **common priorities** emerged.

- Greater access to information and education
- Centralized coordination and advocacy
- Impacting those with the greatest needs
  - Vulnerable populations
  - Focus Area: high- and extreme-risk flood areas
- Maximizing value of $25M investment
  - Scalability
  - Leverage
  - Geographic spread
  - Near-term impact
NYS DOS: CDBG-DR Eligibility

- Process
- Timeline
- Preliminary Direction
The purpose of today’s meeting is to prioritize projects.

- Report-backs by working group representatives and consultant team
- Review of Working Group discussions
- Confirm 5-10 priority projects to submit to DOS on 1/31
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   - Small Business Resiliency

3. Discussion: Project Prioritization  9:50-10:10am


5. Next Steps  10:20-10:30am

Key Challenges:
• Information
• Coordination
• Underserved areas
• Funding and resources

Projects:
• Local disaster preparedness plan
• CBO capacity-building program
• Community recovery/resource center
Project: Local disaster preparedness plan

Project would fund, develop and implement a Lower Manhattan disaster plan, to include:

- Communications infrastructure
- Coordination and communication among City agencies, CERT programs, CBOs
- Emergency resource/recovery center(s)
- Educational programming and materials
- Public-private partnerships with corporate neighbors
- Staff, including a “recovery coordinator”
Project: CBO capacity-building program

Technical assistance and funding to help CBOs build capacity to prepare for and respond to emergencies, to include:

- Business continuity planning
- Development of communications systems
- Development of education programs
- Relationship-building with City agencies and CERT programs
- Staff and volunteer training
Project: Community recovery/resource center

Funding the development of a center(s) to provide key services during emergency events:

**Location Criteria:**
- Outside of floodplain
- Close to vulnerable populations
- Close to commercial activity

**Building Criteria:**
- Large ground floor
- Storage capacity
- Resilient power capability
- Flood-proof

**Operating Organization Criteria:**
- Financially stable
- History of service delivery
- Capacity to coordinate emergency services
Report-Back: Open Space Resiliency

Key Challenges:

• Coastal protection
• Stormwater management
• Funding

Projects:

• Berming and deployable walls at Hudson River Park
• Berming at Battery Park
• Raised bikeway berm
• Wetland creation at LES Ecology Center
• Stormwater capture
• Biofiltration
Open Space Resiliency

Map of projects

[Map of projects showing various projects such as Biofiltration, Stormwater Storage, Raised Bikeway, and Berming and Deployable Walls at south end of HRP.]

Legend:
- Planning Area
- Focus Area
- Natural and Cultural Assets
- Privately-Owned Public Spaces (POPS)
- Project Locations

DRAFT

A. Berming at Battery Park
B. Raised Bikeway
C. Stormwater Storage
D. Biofiltration
F. Wetland Creation at LES Ecology Center

Lower Manhattan Planning Committee Meeting | 21
Open Space Resiliency

Project: Berming at Battery Park

Considerations:

• Most effective when tied with other coastal protection strategies
• Without additional protection, may allow for water to “run-around” bermed area
Considerations:

- Protects vulnerable, low-lying portion of park through a combined approach
- Highest Base Flood Elevation (BFE) for this area is 13 feet
Project: Berming and deployable walls at Hudson River Park
Open Space Resiliency

Project: Wetland creation at LES Ecology Center (Blueway Plan)
Open Space Resiliency

Project: Raised bikeway berm (Blueway Plan)

Considerations:

• Could provide comprehensive protection for the Lower East Side and East Village
• Economic and quality of life benefits
• Costly to plan and implement
Project: Stormwater capture (Blueway Plan)

Considerations:

- Would be a combined retention / infiltration system
- Could tie into other stormwater infrastructure
Considerations:

- Underground conditions in this area likely make this location infeasible
- Relocating biofiltration across from ballfields would not support plant life
Open Space Resiliency

Project: Biofiltration (Blueway Plan)
Report-Back: Residential Resiliency

Key Challenges:

- Information
- Technical assistance
- Coordination
- Cost of upgrades

Project:

Bolster existing program(s), to include:

- Information and education
- Audits and technical assistance
- Financial assistance
Project: Bolster existing residential resiliency efforts

Expanding existing efforts to include:

- **Information and education**
  Centralized information source for building owners and homeowners about existing programs

- **Audits and technical assistance**
  Subsidizing audits and technical assistance, primarily in the Focus Area and for vulnerable populations

- **Financial assistance**
  Subsidizing select capital improvements, e.g., backflow preventers
Report-Back: Small Business Resiliency

Key Challenges:

• Information
• Technical assistance
• Building vs. operational improvements
• Cost of upgrades

Projects:

• Education and technical assistance program
• Commercial corridor flood protection
• Pilot commercial corridor resiliency program
Project: Education and technical assistance program

Program could include:

**Education**
Materials for tenants on operational improvements and business contingency planning

**Targeted resiliency audits**
Audits and select operational upgrades for ground-floor small business retail tenants in the Focus Area

**Financial Assistance**
Expanding existing or in-development financial assistance programs (e.g., NYCEDC’s Building Resiliency Investment Program)
Project: Commercial corridor flood protection

Fund corridor-level flood barrier(s) in one or more commercial corridors in the Focus Area.

Tiger dam  |  AquaFence  |  Hesco barrier  |  Slat and frame barrier  |  Deployable flat panel system

Less Durable  
Lower Cost

More Durable  
Higher Cost

Additional considerations may include:
• Set-up and maintenance
• Height
• Curbside protection
Project: Pilot commercial corridor resiliency program

Project would combine the previous two projects in 1-2 localized pilot commercial corridors, to include:

- Education and technical assistance
- Resiliency audits
- Flood barrier system, where applicable
- Funding to implement suggested building- and corridor-level upgrades
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5. Next Steps 10:20-10:30am
Discussion: Project Prioritization

- Local disaster preparedness plan
- CBO capacity-building program
- Community recovery/resource center
- Bolster existing residential resiliency program(s)
- Commercial resiliency education and technical assistance/audit program
- Commercial corridor flood protection
- Pilot commercial corridor resiliency program
- Berming in Battery Park
- Berming and deployable flood walls at Hudson River Park
- Wetland creation at the LES Ecology Center
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5. Next Steps 10:20-10:30am
Report-Back: Outreach

Outreach to Community Board 2 (through mid-February)

• 1/23: CB2 Full Board Meeting
• Presentations at CB2 Committees

Public Meeting #3 (late February)

Potential locations
• CB1: Southbridge Towers
• CB2: Westbeth Artists’ Housing
• CB3: Confucius Plaza

Agenda
• Short presentation
• Project stations
• Report-backs

Goals
• Maximize public presence
• Confirm Priority Projects
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5. Next Steps 10:20-10:30am
Next Steps

1. Submission of priority projects to DOS on 1/31
2. Outreach to Community Board 2
3. Preparation for Public Meeting #3
Appendix: Base Flood Elevation and Coastal Floodplains
Appendix: Elevation above sea level