Hunts Point Resiliency Implementation

Hunts Point Kick-Off Public Meeting
NYCEDC, ORR
June 30, 2015
Hunts Point: Flood Zone

LEGEND
- 100-YEAR FLOODPLAIN W/ WAVE ACTION
- 100-YEAR FLOODPLAIN
- 500-YEAR FLOODPLAIN
SOURCE: FEMA PIFRMS (2013)
Hunts Point: Area Map + Flood Zone
Background: Rebuild By Design Competition

- Launched in June 2013 by the US Department of Housing and Urban Development (HUD) in the Sandy-affected region

- Planning and design competition aimed at spurring new ideas and collaborations for improving coastal area resiliency

- Hunts Point Lifelines was one of six winning proposals, developed by a team of multi-disciplinary professionals who worked closely with community stakeholders over a number of months

- Hunts Point Lifelines team members:
  - PennDesign/Olin
  - Barretto Bay Strategies
  - HR&A Advisors
  - eDesign Dynamics
  - Level Infrastructure
  - McLaren Engineering Group
  - Philip Habib & Associates
  - Buro Happold
Background: Hunts Point Lifelines

Key Findings

- **Physical vulnerability** in the 100 year flood plain including:
  - 12,000 jobs
  - The New Fulton Fish Market and three of the largest distribution businesses
  - The Hunts Point Wastewater Treatment Plant serving 650,000 residents

- **Economic vulnerability** with over $5B in annual revenues at the FDC

- **Social vulnerability** with high rates of poverty and linguistically isolated households

- **Strong social capital** with a number of highly effective community based organizations

Recommendations

- **Integrated Flood Protection**
  - A series of designed ecologies, research stations and critical utilities

- **Livelihoods**
  - Community asset / labor force building

- **Cleanways**
  - Resilient Energy
  - Community Food Access and Security
  - Connectivity/Transportation
  - Stormwater Management
  - Air Quality Intervention

- **Maritime Supply Chain**
  - New pier / public plaza to serve as an emergency distribution point and staging area for natural disasters
Background: Ongoing Related Initiatives

- **Hunts Point Vision Plan**
  - Ongoing implementation of HPVP recommendations
  - Biannual Task Force Update meetings

- **South Bronx Community Resiliency Agenda**
  - Project Partners: The Point and NYC Environmental Justice Alliance
  - Study Area: South Bronx Significant Maritime & Industrial Area (SMIA)

- **NYSERDA Prize Microgrid Feasibility Study for Hunts Point**
  - Project Lead: LEVEL Infrastructure
  - Assessment of microgrid options for the Hunts Point Food Distribution Center anchors (Meat, Fish and Produce Markets), the HP Wastewater Treatment Facility, a community refuge facility and nearby food business area.

- **Hunts Point Food Distribution Center Modernization**
  - March 2015 announcement of City commitment of $150M for the modernization of the food distribution center

- **Bronx River Plans**
  - Ongoing implementation of greenway, restoration/management and parks plans

- **Department of City Planning’s Resilient Industry Study**
Next Step: Hunts Point Resiliency Implementation

- The City has $45 million in CDBG-DR funds allocated for Hunts Point Resiliency…
  - $20 million in CDBG-DR from HUD through Rebuild by Design Competition
  - Additional $25 million in CDBG-DR allocated from the City

- ... to develop a pilot project...
  - “CDBG–DR funds are provided to assist in implementation of the proposal titled Hunts Point Lifelines. The amount of CDBG–DR funds allocated…is not sufficient to fully fund the first phase of the proposal.”
  - “Therefore, funding is to be used for continued study, analysis, planning, and community engagement as well as for design, engineering, and construction of a pilot project, as yet undefined.” – Federal Register Notice

- ... under these rules:
  - Pilot Project must achieve “independent utility”—in other words, it must be a project that provides resiliency benefits itself without additional phases
  - City has until September 2019 to spend all of the money
Next Step: Hunts Point Resiliency Implementation

- **First step: Stakeholder engagement**
  - Hold a series of Working Group and public meetings over summer 2015, with facilitation by Interaction Institute for Social Change, to develop priorities and recommendations for a pilot project and additional feasibility studies.
  - Submit recommendations to the Senior Advisor to the Mayor for Recovery, Resiliency, and Infrastructure, for consideration in determination of next steps for Hunts Point Resiliency Implementation.
  - Ongoing stakeholder engagement during next phases of work.

- **Focus of stakeholder engagement process:**
  1. Prioritize resiliency goals Hunts Point
  2. Develop recommendations for a pilot project
  3. Develop recommendations for additional goals to pursue first through additional feasibility studies.
Working Group Membership

**Government**
- NYCEDC
- Mayor’s Office ORR
- NYC Department of Environmental Protection
- Congressman Jose Serrano
- Borough President Ruben Diaz
- Senator Ruben Diaz
- Senator Jeff Klein
- Assemblyman Marcos Crespo
- Assemblywoman Carmen Arroyo
- CM Maria del Carmen Arroyo

**Civic/Community Groups**
- Community Board 2
- The Point CDC
- Sustainable South Bronx
- Youth Ministries for Peace & Justice
- Mothers on the Move
- Hunts Point Alliance for Children
- Rocking the Boat
- Hyde Leadership
- Hometown Security Labs
- Urban Health Plan
- The BLK ProjeK
- Food Bank for New York City

**Business**
- Hunts Point EDC
- BOEDC
- Meat Market
- Fish Market
- Produce Market
- Baldor
- Jetro
- Oak Point Properties
- Teamsters 202

**Additional Participants**
- Penn Design/OLIN
- NYC Environmental Justice Alliance

**City Agency Support**
- Department of City Planning
- Department of Parks and Recreation
- Department of Transportation
- Office of Emergency Management
- Office of Management and Budget
- Small Business Services
Sample project cost estimates of projects under $45M

- **Energy – Phase 1A Backup generators** *(from Lifelines proposal)*
  - Distributed backup generation system with long term potential to feed into a micro grid
  - *Estimated Cost: $28 million*

- **Cleanways – Phases 1A and 1B** *(from Lifelines proposal)*
  - Combination of streetscape improvements and green infrastructure
  - *Estimated Cost: $31 million*

- **Maritime Supply Chain** *(from Lifelines proposal)*
  - A new pier to serve as an emergency distribution point and staging area for natural disasters, which would also serve as a public plaza during normal weather
  - *Estimated Cost: $22 million*

- **Harden and Raise Portion of Food Distribution Center Shoreline**
  - Installing rip rap stone revetment to new FEMA PFIRM elevations with concrete retaining wall as needed (does not include any esplanade or greenway features)
  - *Estimated Cost: $45M for 1 mile of shoreline hardening, approximately half the distance of the shoreline between the Produce Market and the Fish Market*

- **Coney Island District-Wide Green Infrastructure Project**
  - To create bio-swales along the business corridors
  - *Estimated Cost: $15M*

- **Brooklyn Army Terminal – Passive Flood Barriers**
  - To protect portion of BAT Building A from flooding
  - *Estimated Cost: $1.2M for 550 ft, approximately 1/3 the perimeter of one Meat Market building*
Thank you!

Questions? Comments?
Please contact us at HuntsPointResiliency@edc.nyc

Upcoming Meetings:
- Public Meeting #2 – Summer 2015 TBD