Asbury Park Capacity-Building: The City of Asbury Park
HUD Rebuild by Design | HR&A Advisors with Cooper, Robertson & Partners
Amy Chester, Managing Director

100 Resilient Cities: Railvolution

Image by Iwan Baan

SANDY UNVEILED INTERDEPENDENT VULNERABILITIES ACROSS THE REGION

Rebuild by Design is a process that brings together global and local expertise, regional leadership and local vision to tackle multidimensional problems that harness and cultivate strong stakeholder support and government leadership.

TYPICAL DESIGN PROCESS

<table>
<thead>
<tr>
<th>Site</th>
<th>Budget</th>
<th>Program</th>
<th>Square Feet</th>
<th>Timeline</th>
</tr>
</thead>
</table>

DESIGN DETOUR

REGIONAL APPROACH

SCALES and TIME
OUR PROCESS

TWO STAGE PROCESS

COLLABORATIVE RESEARCH

COLLABORATIVE DESIGN

• Site Visits
• Tours
• Panel Discussions
• Community Roundtables
• Neighborhood Leader Engagement
• Design Critiques
• Data Analysis

COLLABORATIVE DESIGN

• Analysis of All Stakeholders
• Government Agency Meetings
• Meetings w existing coalitions
• Forming new coalitions
• Creating unusual events (bike tours, dance parties, movie screenings, parade)
• Design Charrettes
• Brainstorming sessions
• Site tours
• Wholesale Presentations at existing meetings

PROJECTS

FUNDING ANNOUNCED: $930 Million USD

NEW YORK:
• $335M: The BIG U in Manhattan, NY
• $20M: Lifelines in Hunts Point, Bronx, NY

NEW JERSEY:
• $230M: Resist, Delay, Store, Discharge in Hoboken, Weehawken, Jersey City, NJ
• $150M: New Meadowlands in Little Ferry, Moonachie, Carlstadt, Teterboro, NJ

NEW YORK STATE:
• $125M: Living with the Bay in Nassau County, Long Island
• $60M: Living Breakwaters in Tottenville, Staten Island, NY

CONNECTICUT:
• $10M: Resilient Bridgeport in Bridgeport, CT

EVENTS

PROJECT EXAMPLES FROM THE SANDY REGION

THE BIG TEAM

MIT TEAM

SASAKI TEAM
Resilience + The Beach
Sasaki
Rutgers University
Arup

Vulnerable Economies

Car Culture

Percentage of visitors that travel to the Jersey Shore via private car

Percentage of all major traffic intersections in the study area that are congested

Sixty percent

89%

Average income of a Shore tourist

Average income of a Shore resident

$99,000

$39,000

Percentage of total New Jersey lodging sales generated in the study area

Summer Swell

74%

Billions

New Jersey tourism

$28

Planned ecotourism site

To Barneget Lighthouse State Park

To Cattus Island County Park

Pine Barrens Double Trouble State Park

Garden State Parkway Barneget Bay

Toms River

Eco-Tourism Hub

Mobility Connections

Toms River access to barrier island

Route 37

Divided urban fabric, divided culture
RESILIENT JERSEY SHORE

NEW MEADOWLANDS: PRODUCTIVE CITY + REGIONAL PARK

Pilots at the Intersection of Risk and Opportunity

http://www.ylighting.com/fnt-sillaba.html
http://www.ylighting.com/fnt-sillaba.html
Physical damage to structures avoided per year: $37 million

Value of new wetlands: $5,290,928 per year

Health value of recreation space for the current population of residents: $3.3 million per year.

Value of new recreation space in proximity to current residents: $41,175 per year

Overall proposed 14,414 new residential units = 25,674 new residents

Net value for new construction of residential and commercial development amounts to $19 billion.

Overall proposed 9,716,455 new commercial and industrial sqft. = 2429 new jobs

The area could expect an increase in tax revenue totaled at $561,760,390 Million