

NYC Industrial Waterfront Pollution Prevention, Toxics Reduction, and Resiliency Planning

Second Stakeholder Engagement Group Meeting

Friday, December 5th, 2014

THE POINT CDC, 940 Garrison Avenue, Bronx, NY 10474

Meeting Agenda

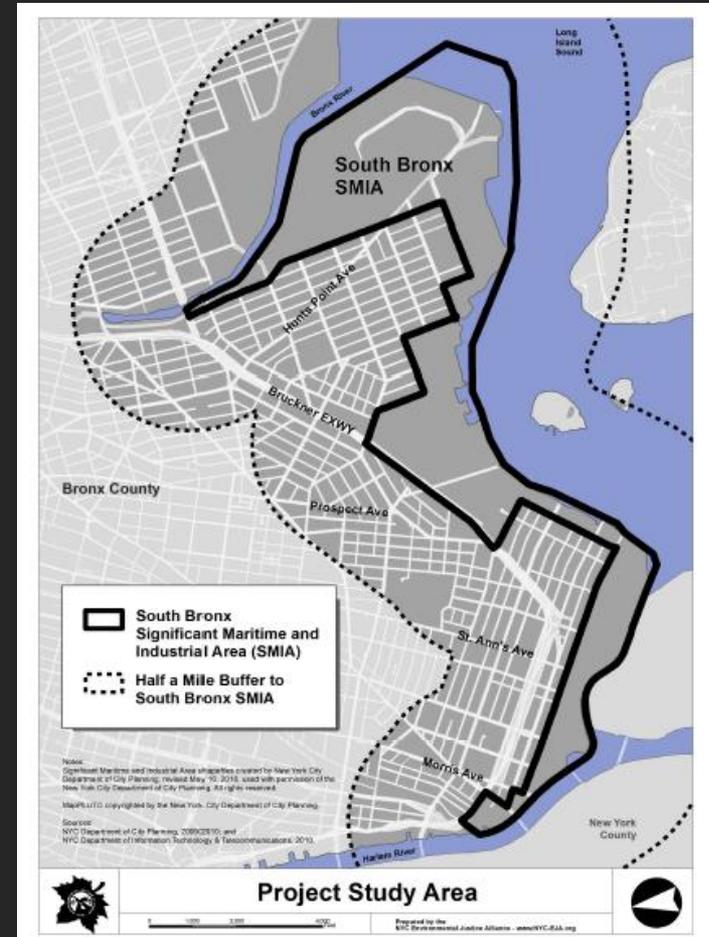
1. Welcoming remarks: 5 mins.
2. Introductions: 10 mins.
3. Project presentations: 30 mins.
 - Project Overview & Status Update
 - Next Milestones in Workplan
 - Community Outreach Activities
4. Discussion: 40 mins.
5. Next Steps & Final remarks: 5 mins.

Project overview and status update

- Report on status and preliminary findings of Facility Assessments

Goals and Objectives

- Improve sustainability and climate resiliency in the South Bronx community and industrial waterfront
- Assess local businesses in order to identify and implement cost-effective strategies aimed at pollution prevention, toxics reduction, and climate adaptation
- Share best management practices to build resiliency for climate adaptation and pollution prevention



Tasks Summary

Task 1: Define and assess toxic potential exposure risk

Task 2: Inventory potential hazardous risk exposures

Task 3: Provide Pollution Prevention/Green Engineering Assistance

Task 4: Document potential population impacts

Task 5: Develop Best Management Practices

Summary of Facility Assessment

Target number of facilities.....:	60
Total number of completed Assessments.....	35
Assessments in progress	17
Assessments remaining.....	8

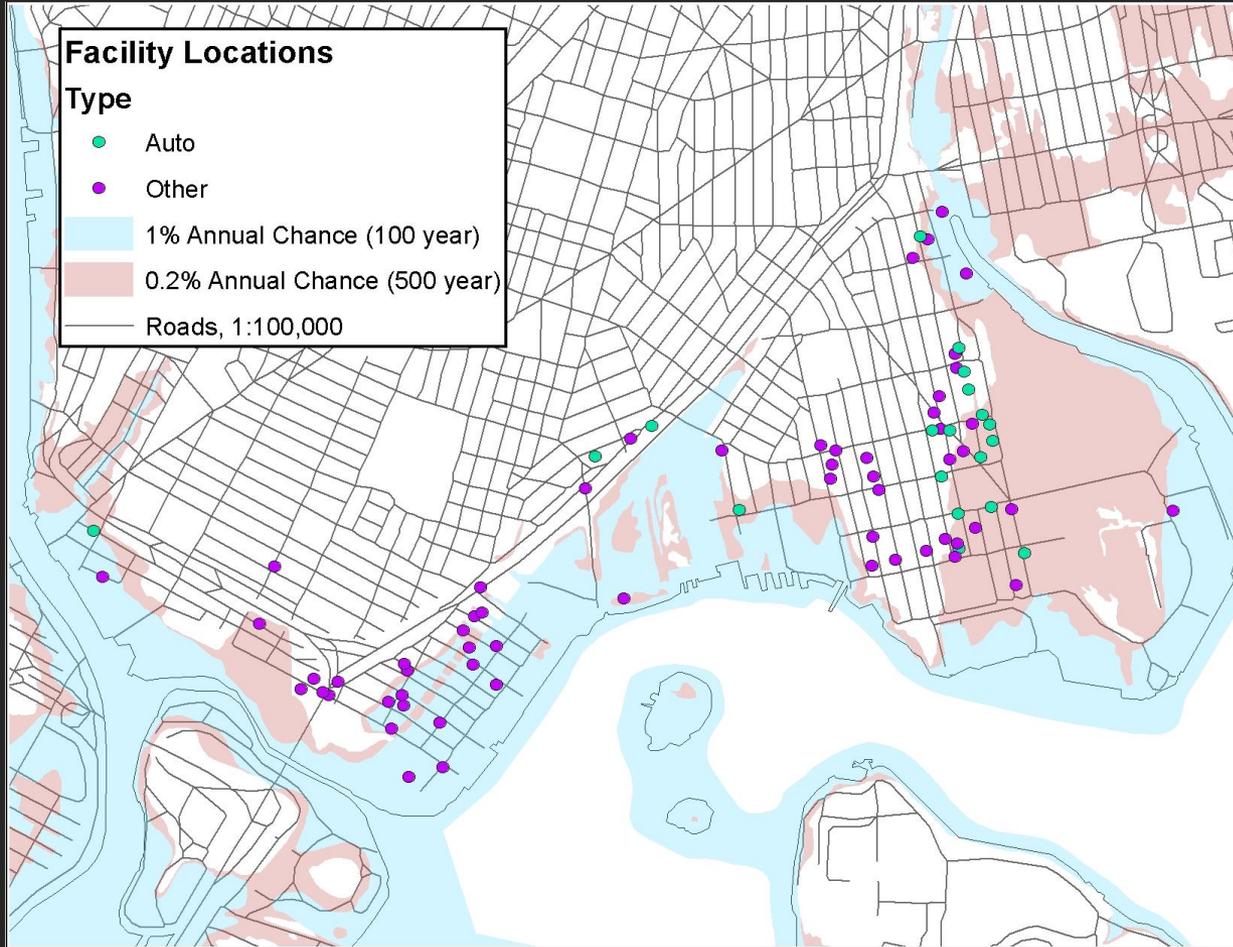
Types of Facilities Assessed

Automobile Related Facilities	
Auto Repair	2
Auto-Specialty	1
Auto-Salvage Stores used auto parts	9
Auto Body Repair	3
Auto-Mechanical (Engine/Transmission/Radiator)	7
Scrap Metal Collector & Vehicle Dismantling	1
Other Facilities:	
Architectural/Services	4
Manufacturing Food	2

Types of Facilities Assessed

Food Processing	1
Manufacturing	9
Dry Cleaner	2
Parcel Service	1
Newspaper Printing	1
Remediation Site	1
Residential (Homeless Shelter)	1
Utility	1
Warehouse/Storage	2
Waste Transfer and Storage-Medical, Hazardous and Non-Hazardous Waste	2
Oil Terminal	1
Total Completed & in-progress	52

Facility Locations



Auto Related



Drycleaner



Electroplater



DEC Program Violations Observed

Hazardous Waste

- Failure to make a Hazardous Waste Determination;
- Improper disposal of regulated waste (e.g. Lamps broken and unbroken thrown in garbage/Electronic Waste e.g. old; computers and other electronic equipment in vehicles);
- Management of used shop towels, rags and soiled clothing;
- Improper disposal of used oil and fuel filters.

Petroleum Bulk Storage Tank (PBS)

- Used oil tank not registered or labeled correctly.

Non-Hazardous (solid) Waste

- Solid waste residues, including products left over from vehicle dismantling are not safely handled, processed, stored, and sufficiently confined or controlled to prevent off-site migration or run-off; blowing litter.

Water

- Fluids are not prevented from entering surface water and/ or ground water;
- Not having storm water permit or plan;
- Improper management of fluid storage, leaks and fluids removal to prevent off-site migration or run-off .

ECL Article 27 Title 23 Vehicle Dismantling Facilities

- Not cleaning up spills;
- Small PCB capacitor, mercury switches, and other mercury-containing devices are not stored in appropriate, labeled containers;
- Not labeling drums or containers;
- Throwing used oil filters in the trash;
- Storing oil and other automotive fluids in the open containers;
- Not keeping adequate records of waste and recycled material management;
- Not ensuring that the area under the auto crusher has containment for fluids and
- Lead acid batteries are not stored off the ground and covered by a tarp or other means to prevent contact with precipitation, or in a leak proof container.

Next milestones in work plan

- Technical assistance for two businesses in study area (March 2015, Tentative Start Date)
- Toolkit and workshops to share best management practices to build resiliency for climate adaptation and pollution prevention

On-site Technical Assistance – NYSP21

- Broadly evaluate findings/
data from assessments
- Converge on opportunities at
two companies based on:
 - Brief technical analysis
 - Industry type
 - Areas of opportunity (toxicity,
volume, location)
 - Company buy-in

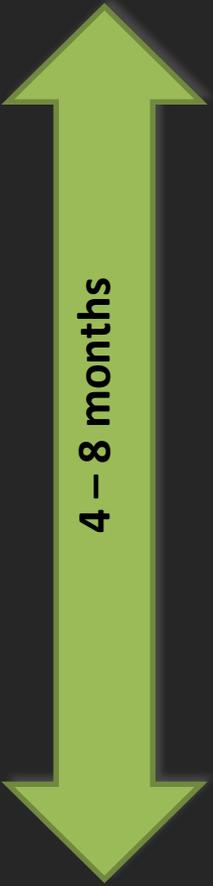


Image Source: Microsoft® Clip Art

On-site Technical Assistance – NYSP21

Stages:

1. Develop and execute project agreements
2. Verify pre-implementation metrics (baseline)
3. Provide support with equipment selection, training needs, etc.
4. Monitor and provide input on implementation
5. Collect post-implementation metrics
6. Reimburse up to \$10,000 in eligible costs (equipment and external labor support)
7. Prepare a summary report
8. Prepare a case study



4 - 8 months

Best Practices Toolkit

Collation of best practices/technologies pertaining to:

- Performing baseline assessments to identify compliance, P2 and climate resiliency opportunities
- Reducing/mitigating environmental and human health impacts through process improvements/alternative tech.
- Climate resiliency planning and strategies
- Technical and financial resources that support NYS companies
- Case studies of two implementations from this project

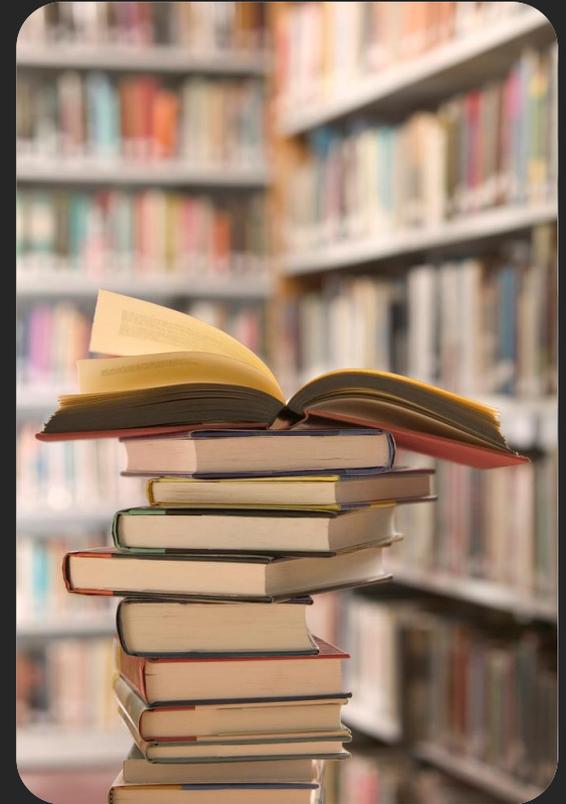


Image Source: Microsoft® Clip Art

Best Practices Toolkit

Approach in creating the toolkit:

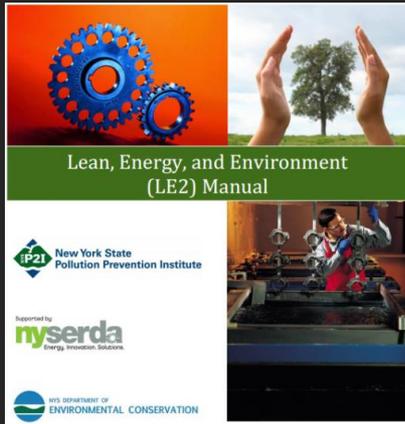


Image Source: NYSP21

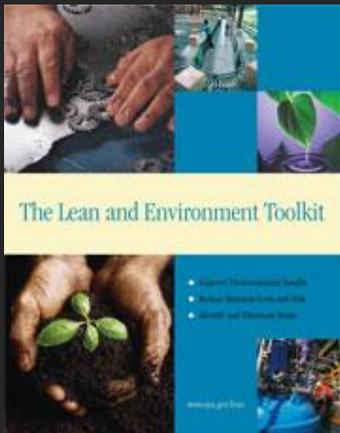


Image Source: USEPA

- Benchmark existing toolkits
 - USEPA: Lean Manufacturing and the Environment
 - USEPA: Sector Notebooks
 - Industry Association & Planning Reports
- Consult with Industry Experts
- Leverage in-house knowledge and expertise

Knowledge Dissemination and Technology Transfer

- Host two workshops in the project geography after completion of implementations and toolkit
- Write and publish project article in project partner newsletters & other media
- Promote content through networks of various stakeholders:
 - USEPA
 - NYSDEC
 - NYS-EJA
 - NYSP2I

Competitiveness, Innovation, and Sustainability

Mark C. Coleman and Rajiv Ramchandra, Rochester Institute of Technology

Image Source: Printing Industries of America

P2 Pathways

Supply-chain fixes are the secret sauce for three NY companies

Trish Donohue and Anahita Williamson
Tuesday, October 21, 2014 - 7:00am

Image Source: www.greenbiz.com



Image Source: NYSP2I

Community Outreach Activities

- Activities to date
- Future outreach goals for Community Workshops

Community Outreach Activities

- Environmental Committee, Bronx Community Board 2, February 2014
- 1st Stakeholder Engagement Group Meeting, May 2014
- Economic Development Committee, Bronx Community Board 2, June 2014
- Hunts Point Economic Development Corporation Briefing, July 2014
- Bronx Community Board 2 update meeting, November 2014
- Individual Follow-up calls with Stakeholder Engagement Group Members



1st Stakeholder Meeting May 2014



1st Stakeholder Meeting May 2014

2 Community Workshops



NYC-EJA Facilitated Workshop



NYC-EJA Facilitated Workshop

- Participants: Local Businesses, Workers, & Community Stakeholders
- Goal: Distribute 50 Toolkits in order to share Best Management Practices (BMPs) for pollution prevention & climate adaptation
- Measuring Outcomes: 50 Increased Awareness Surveys

Discussion

- Additional referrals for facility assessments
- Opportunities for business engagement
- Feedback on date/time and locations for upcoming workshops

THANK YOU!

For additional information please contact us

NYS Department of Environmental Conservation

Contact: Thomas Panzone

Phone: 718 482 4953

Email: thomas.panzone@dec.ny.gov

NYS Pollution Prevention Institute

Contact: Rajiv Ramchandra

Phone: 585 475 4146

Email: rxfcrasp@rit.edu

NYC Environmental Justice Alliance

Contact: Natasha Dwyer

Phone: 917 574 4457

Email: natasha@nyc-eja.org