

TOWN HALL AND WORKSHOP

New York City Economic Development Corporation

Bush Terminal/MiNY – Pier 6 Sunset Park, Brooklyn, NY

February 12, 2024

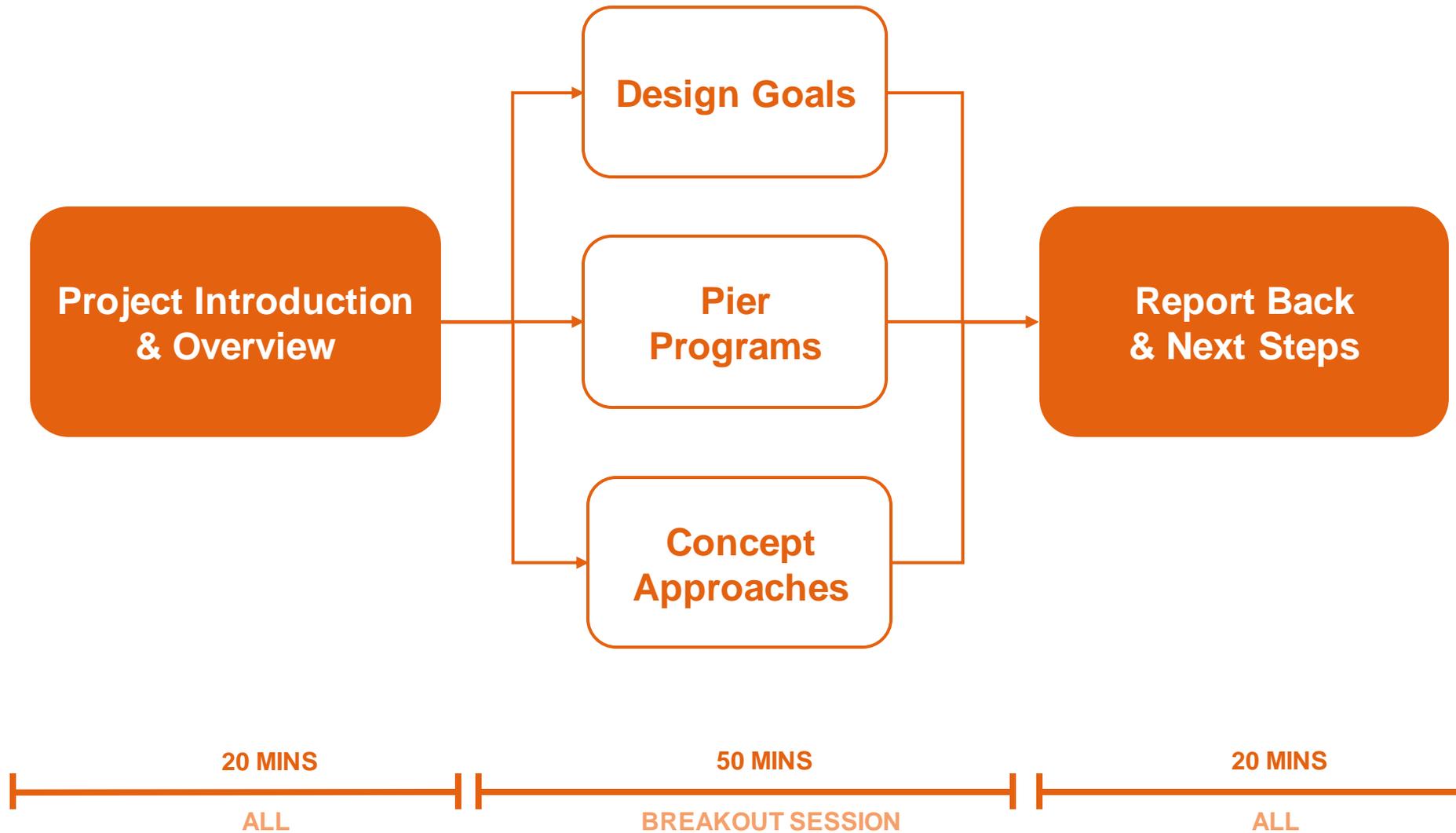
Who is the Project Team?

The logo for the New York City Economic Development Corporation (NYCEDC), featuring the letters 'NYC' in a bold, black, sans-serif font, followed by a vertical orange bar, and then 'EDC' in a larger, bold, black, sans-serif font.The logo for Arcadis, consisting of an orange circular icon with a white swirl inside, followed by the word 'ARCADIS' in a bold, black, sans-serif font.The logo for Matrix New World, with 'MATRIX' in a black, sans-serif font, 'NEW' in a green, sans-serif font, and 'WORLD' in a black, sans-serif font. Below the text is the tagline 'Engineering Progress' in a smaller, black, sans-serif font.The logo for SCAPE, with the word 'SCAPE' in a large, bold, teal, sans-serif font.The logo for Johnson & Asberry, with 'johnson & asberry' in a lowercase, black, sans-serif font. Below the text is the tagline 'EXCELLENCE ANCHORED BY EXPERIENCE' in a smaller, black, sans-serif font.The logo for Sam Schwartz, with 'Sam' in a green, sans-serif font and 'Schwartz' in a larger, bold, green, sans-serif font.The logo for JK Muir, featuring a purple square with a white wave-like shape at the top, containing the letters 'JK' in white. Below the square is the text 'MUIR' in a purple, sans-serif font.

The **New York City Economic Development Corporation (NYCEDC)** is leading the Bush Terminal – Pier 6 project alongside an interdisciplinary team of experts.

Led by the Dutch engineering firm, **Arcadis**, the project team includes **Matrix New World**, **SCAPE Landscape Architecture**, **Sam Schwartz Engineering** for engineering & design, **Johnson & Asberry** for community outreach, and **JK Muir** for sustainability.

Meeting Format



Meeting Goals

**Project
Introduction
& Overview**

INTRODUCE PROJECT

Share project overview, existing site conditions, project scope, schedule, engagement process and design goals.

Design Goals

RECEIVE FEEDBACK ON DESIGN GOALS

Which of the goals resonate most with you? Are there other goals we should consider?

**Concept
Approaches**

SHARE & WORKSHOP CONCEPTUAL APPROACHES

Discuss and workshop pier programming. What are your preferences for program mix, scale, feel? What are the trade-offs?

Next Steps

NEXT STEPS & CONTINUED ENGAGEMENT

Share out next steps for the pier design, share the exit survey and details on future engagement opportunities.

Agenda

Introduction

Site Overview

Project Goals

Concept Approaches

Breakout Session

Report-out & Next Steps

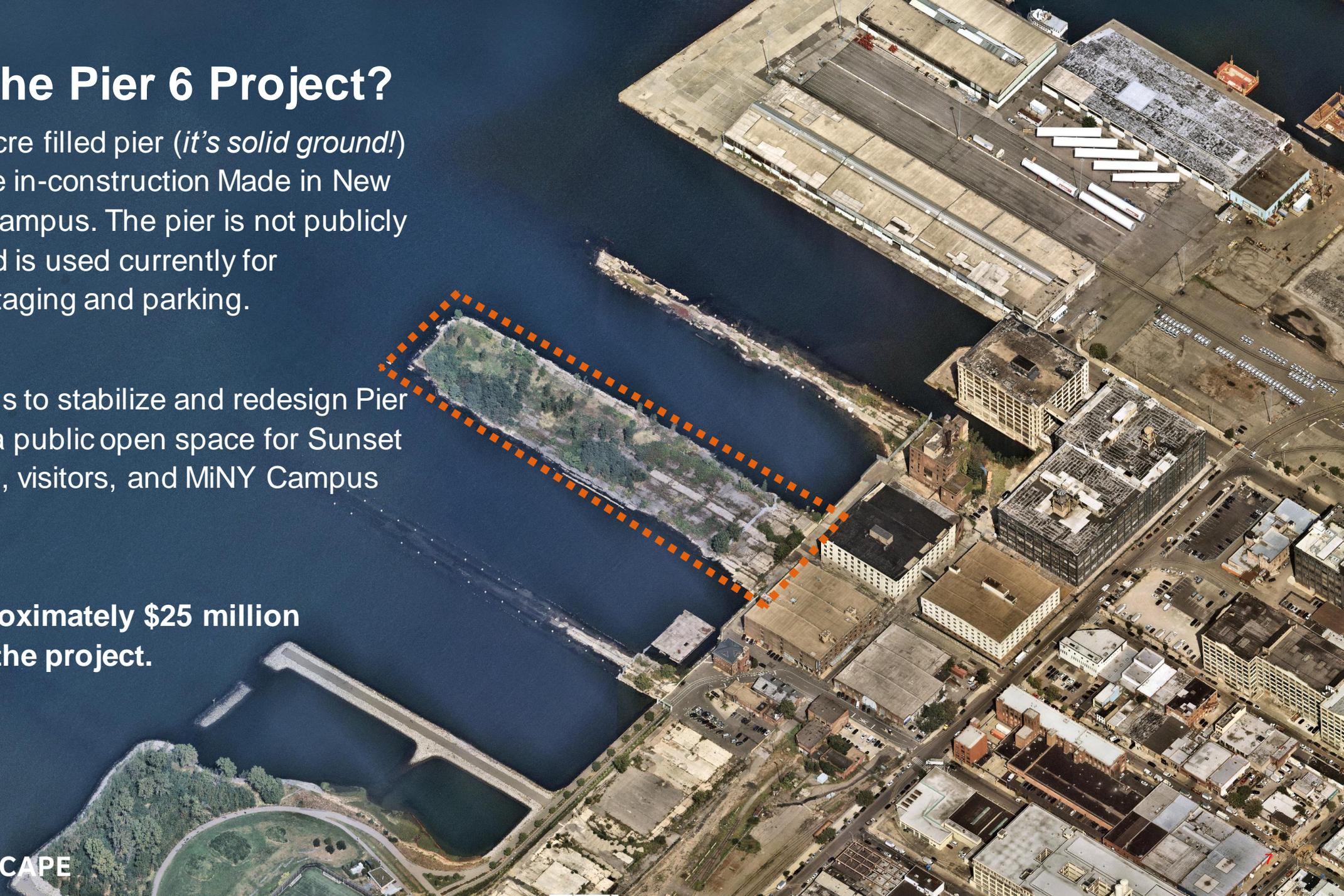
Introduction

What is the Pier 6 Project?

Pier 6 is a 5-acre filled pier (*it's solid ground!*) adjacent to the in-construction Made in New York (MiNY) Campus. The pier is not publicly accessible and is used currently for construction staging and parking.

NYCEDC plans to stabilize and redesign Pier 6 to serve as a public open space for Sunset Park residents, visitors, and MiNY Campus workers.

There is approximately \$25 million available for the project.



Why?

A site with a rich and active industrial history, the Pier 6 project is an opportunity to provide new waterfront public open space for the neighborhood.



Why Now?

MiNY campus will begin operations this year

If the pier is not stabilized, it will continue to erode and the opportunity to create accessible open space will be lost

Considerations



Existing Conditions & Pier Jurisdiction

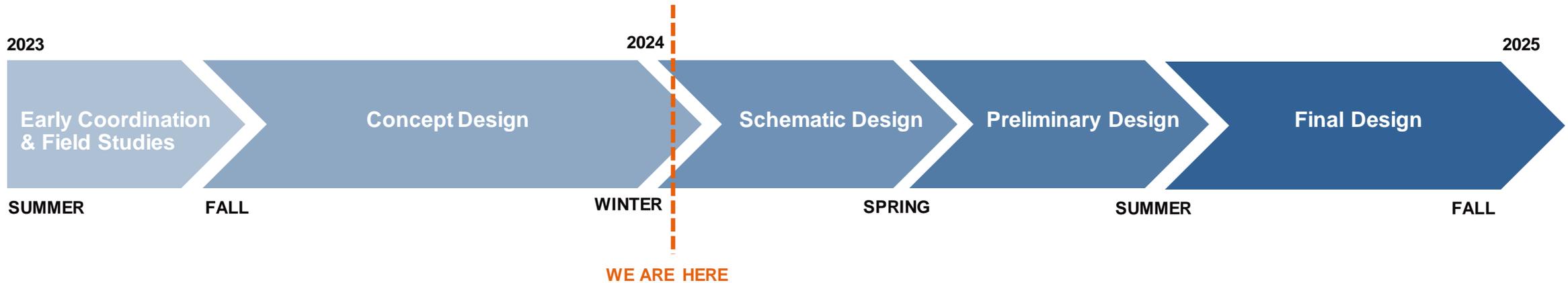
Existing Conditions

- Native and non-native vegetation supports extensive bird habitat.
- 709 trees with a diameter at breast height (DBH) greater than 1.2 inches.
- 54% of the trees on the pier are non-native species.
- High ground is located along the center of the seaward end.

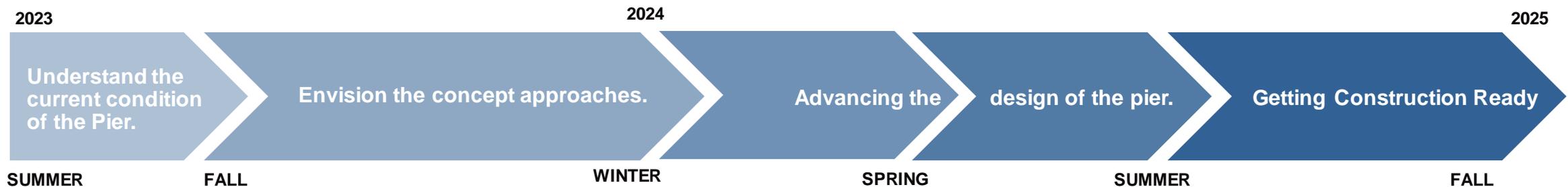
Preserving Existing Ecologies



We are early in the design process and want to hear your thoughts.



WHAT WE ARE DOING



Who We've Spoken With So Far

Any orgs we missed for future engagement opportunities?

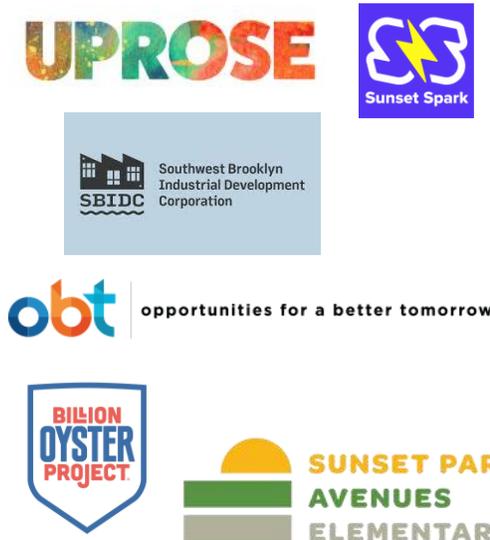
Initial Engagement

Local Government



CM Avilés (Dist. 38)
 NYS Sen Gounardes
 NYS AM Mitaynes
 US Rep. Goldman (Dist. 10)

Sunset Park Organizations



Local Businesses



Advocacy Organizations



Site Overview

Land That Was Once Mudflats

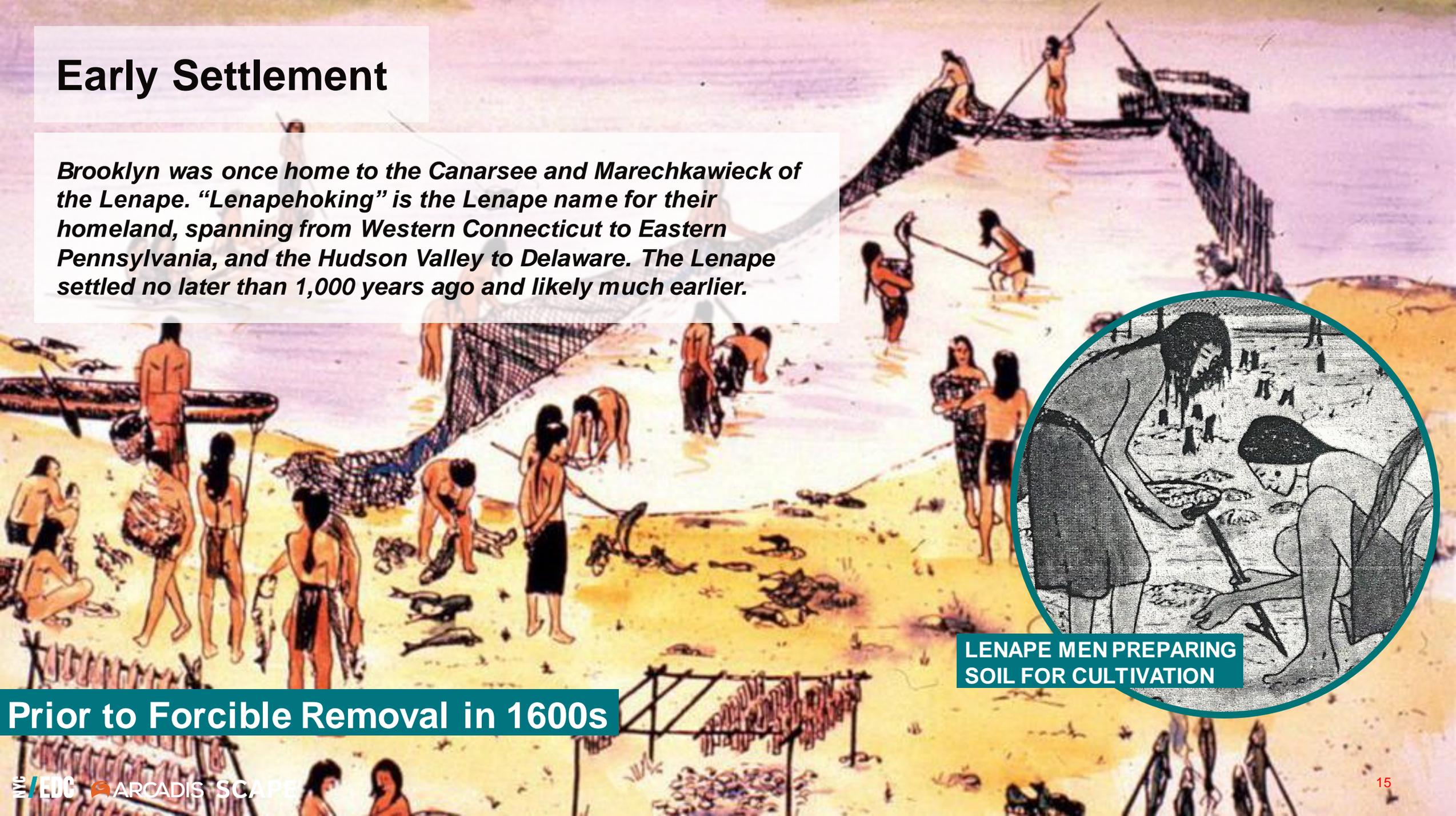


MUDFLATS ARE IMPORTANT HABITATS FOR BIRDS AND FISH

1779

Early Settlement

Brooklyn was once home to the Canarsee and Marechkawieck of the Lenape. "Lenapehoking" is the Lenape name for their homeland, spanning from Western Connecticut to Eastern Pennsylvania, and the Hudson Valley to Delaware. The Lenape settled no later than 1,000 years ago and likely much earlier.



LENAPE MEN PREPARING SOIL FOR CULTIVATION

Prior to Forcible Removal in 1600s

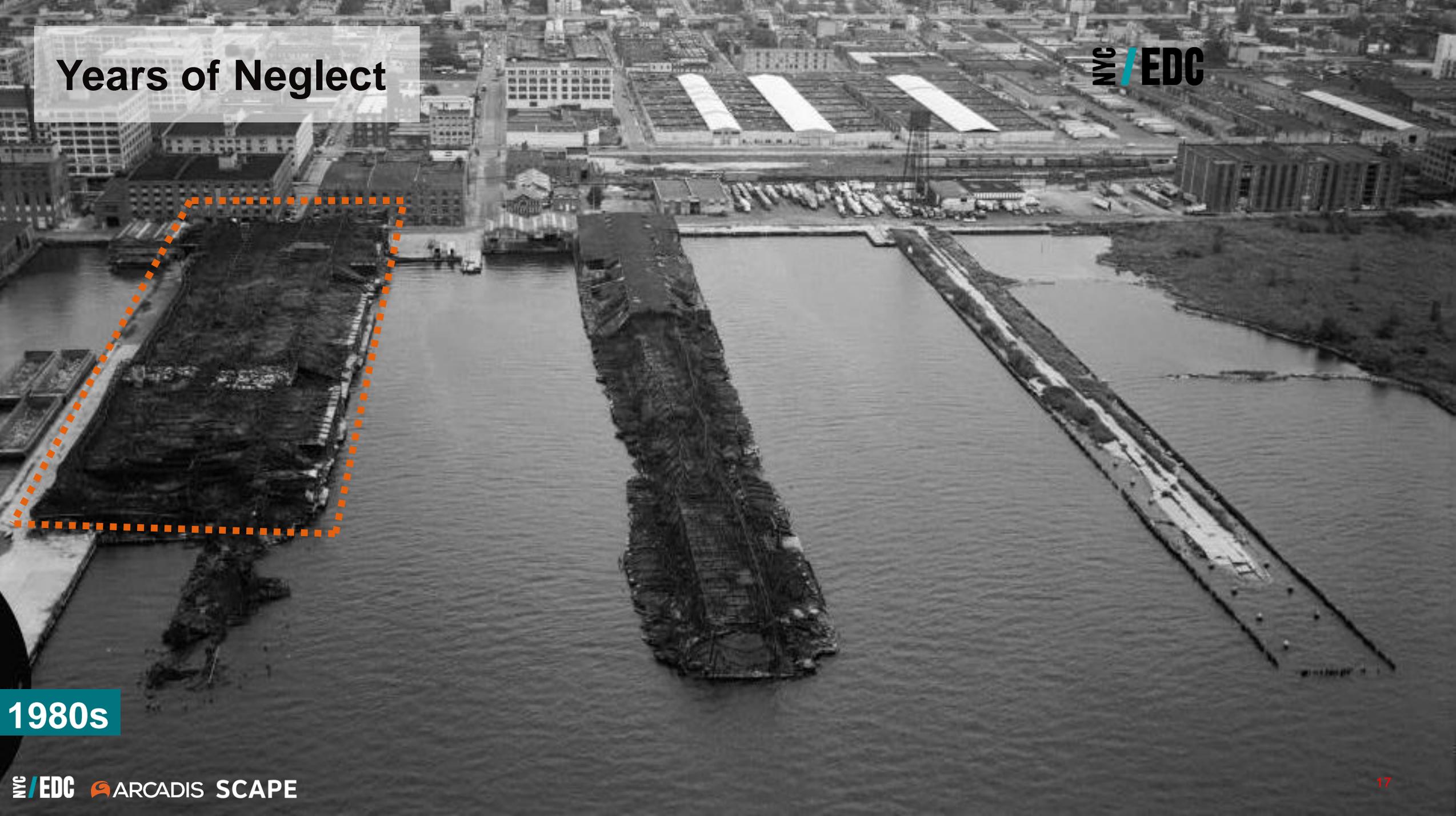
An Industrial Hub

1903



Years of Neglect

1980s



Industrial Remnants



Summer 2023

Emergent Ecosystems: Self-Seeded Vegetation

Current Condition

Expansive Views of NY Harbor & City

Current Condition

New Campus & Public Space

MiNY Campus



Pier 6

Opening this Year!

A Newly Connected Waterfront



A Shared Waterfront: Industry & Open Space

MiNY will host creative manufacturing and media production spaces and programs. The design will promote safe visitor access to Pier 6 within the campus multimodal circulation system, including pedestrian, bike, vehicular, and freight flows.

- ◀ PEDESTRIAN ENTRANCE
- ◀ FREIGHT LOADING DOCK
- VEHICULAR / FREIGHT ZONE
- PEDESTRIAN ZONE
- SHARED STREET
- BIKE LANE
- PROTECTED BIKE LANE
- BIKE RACKS
- FREIGHT MOVEMENTS

PIER 7

PIER 6

PIER 5

POWERHOUSE

BLDG A

LOADING

LOADING

BLDG B

LOADING

BLDG C

BLDG D

ARTIST SPACE

CAFE

WHOLESALE

PARKING

ROUNDHOUSE

A Vibrant Waterfront

Industry City

Made in New York Campus

Made in New York South Campus

Bush Terminal Park

Brooklyn Army Terminal and Ferry

Pier 6 Project

Billion Oyster Project Reef

Waterfront Bike Path

South Brooklyn Marine Terminal, and Equinor Wind Project

Diverse Users

MADE IN NEW YORK TENANTS AND VISITORS



ADJACENT INDUSTRY AND BUSINESS WORKERS



INDUSTRY CITY VISITORS



SUNSET PARK RESIDENTS



NEARBY SCHOOL CLASSES



MINY EVENT ATTENDEES

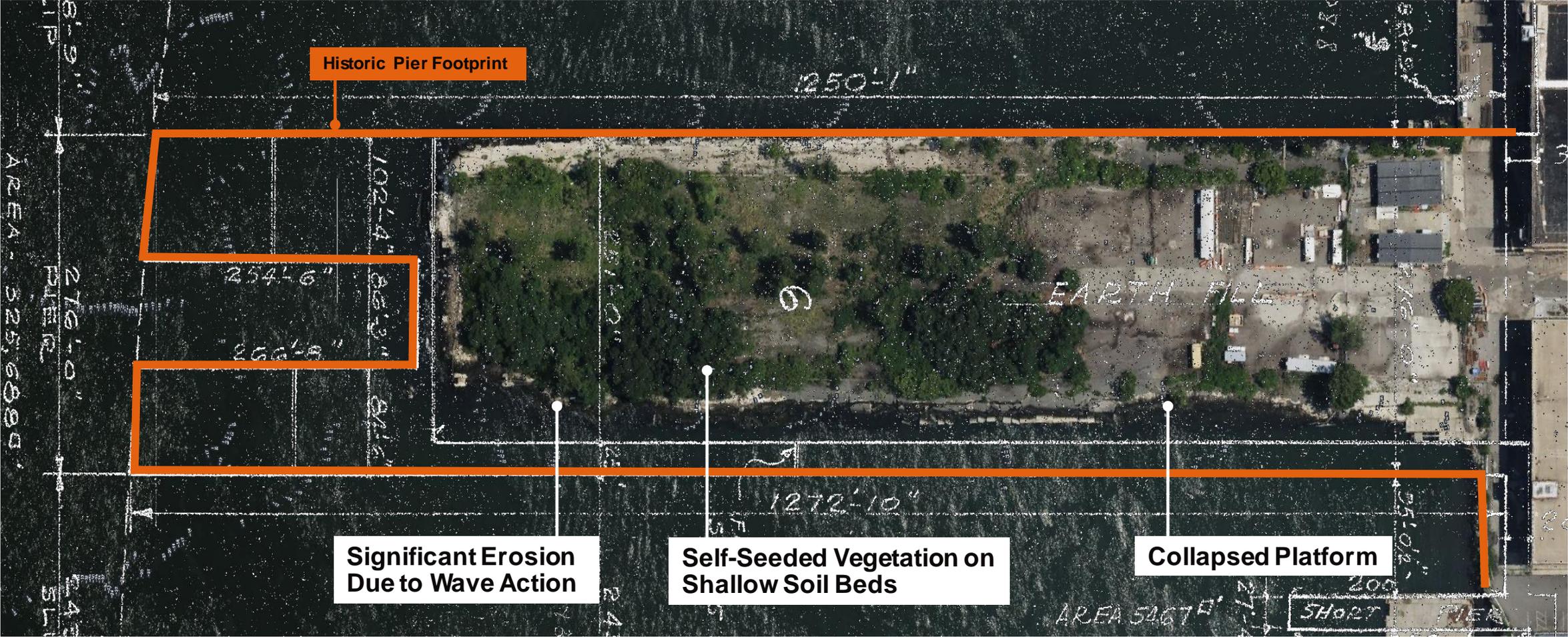


Project Purpose

STABILIZE THE PIER

Prevent further destructive erosion to preserve the pier for future use as open space.

Shaped by Erosion



Collapsing Edges



Project Goals

A wide-angle photograph of the East River Waterfront Esplanade. The scene shows a paved walkway with modern, dark-colored benches. People are seen walking and sitting on the benches. In the background, there are trees, a bridge structure, and a body of water. A large teal semi-transparent box is overlaid on the center of the image, containing white text.

SAFE & ACCESSIBLE

Provide a safe and accessible waterfront public space.

East River Waterfront Esplanade

A Place to ARRIVE: Entering Pier 6



A Place to MOVE: Explore Pier 6



A photograph of a park area featuring several hammocks strung between wooden posts. The hammocks are made of different materials, including a brown woven one and a black mesh one. A bicycle is parked near one of the hammocks. The background shows trees with green and yellow leaves, suggesting an autumn setting, and modern buildings in the distance under a clear blue sky.

ENGAGING & FLEXIBLE

Design engaging and flexible spaces for all and connect people with the harbor.

Tom Lee Park, Memphis

A Place to GATHER: Spaces to Relax and Enjoy



A Place to GATHER: Spaces for Events



A Place to Connect with WATER: Experience the Harbor



A group of children are exploring a natural area with tall grasses and a large log. The scene is outdoors, likely a park or a natural area, with trees and a playground visible in the background. The children are dressed in casual clothing, and the overall atmosphere is one of outdoor education and exploration.

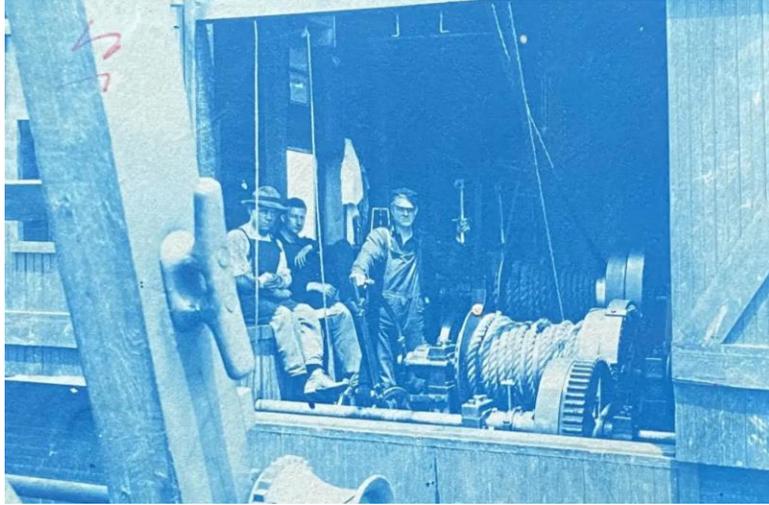
ECOLOGICAL & INDUSTRIAL

Celebrate the pier's rich industrial and ecological history and engage with current harbor ecosystems and industrial activity.

A Place for NATURE: Enhance Habitats & Biodiversity



A Place to CONNECT: Celebrate Industrial History



SUSTAINABLE & ADAPTABLE

Design a place that is sustainable and adaptable to a changing environment.

Gowanus Canal Sponge Park

Adapting to Sea Level Rise

+10.75 EL (10YR, 2080s)

+7.19 EL (1YR, 2080s)

+5.53 EL (MHHW, 2080s)

+0.48 EL (MLLW, 2080s)

Storms

A 10yr storm is a storm that has a 10% (1/10) chance of occurring annually.

Nuisance Flooding

MMHW: Mean Monthly High Water

Approximated by NPCC's MMHW, threshold indicator for when SLR will first impact neighborhood habitability and require adaptation.

Daily Flooding

MHHW: Mean Higher High Water (**Higher High Tide vs. current**)

MLLW: Mean Lower Low Water (**Higher Low Tide vs. current**)

NAVD 88

2015 Intermediate-High (75th percentile) NYC NPCC Sea Level Rise Projections

Flooding elevations are *stillwater* and do not include wave action

Designed to REFLECT: Adapt to a Changing Climate



Designed to REFLECT: Embed Material Reuse



A man in a green shirt is looking at a variety of plants in a nursery. The plants are in black pots and some have yellow and orange leaves. The background is filled with more greenery and trees.

IMPLEMENTABLE & MAINTAINABLE

Implement the design goals cost-effectively and open a maintainable, redesigned pier in 2026.

Be Cost Effective: Provide a Durable and Maintainable Pier



Concept Approaches

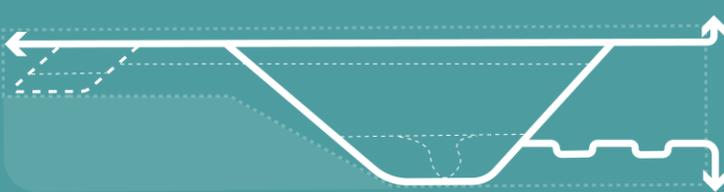
Concepts explore different ways to realize these goals

INDUSTRIAL FOREST



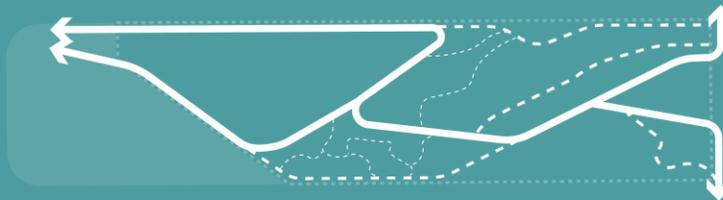
STABILIZE THE PIER
SAFE & ACCESSIBLE
ENGAGING & FLEXIBLE
ECOLOGICAL & INDUSTRIAL
SUSTAINABLE & ADAPTABLE
IMPLEMENTABLE & MAINTAINABLE

COBBLE CORRIDOR



STABILIZE THE PIER
SAFE & ACCESSIBLE
ENGAGING & FLEXIBLE
ECOLOGICAL & INDUSTRIAL
SUSTAINABLE & ADAPTABLE
IMPLEMENTABLE & MAINTAINABLE

COMMUNITY COVE



STABILIZE THE PIER
SAFE & ACCESSIBLE
ENGAGING & FLEXIBLE
ECOLOGICAL & INDUSTRIAL
SUSTAINABLE & ADAPTABLE
IMPLEMENTABLE & MAINTAINABLE

All Concepts Provide ...

Clear wayfinding and welcoming entrance spaces that meet the needs of visitors.

ARRIVE

Paths and other features to support safe and universal access.

MOVE

Varied spaces to gather, relax, and enjoy the pier and the events it hosts.

GATHER

Opportunities to enjoy, celebrate, and engage with the New York Harbor.

WATER

Areas of restored, enhanced and protected habitat that promote emerging ecosystems.

NATURE

Amenities that support climate adaptation and material reuse, showcasing sustainability and industrial history.

REFLECT



INDUSTRIAL FOREST

Industrial Forest





Industrial Forest



MiNY CAMPUS

GET-DOWN

FLEX PLAZA

OVERLOOK

FOREST

TRAILS

PARKING

ENTRY PLAZA

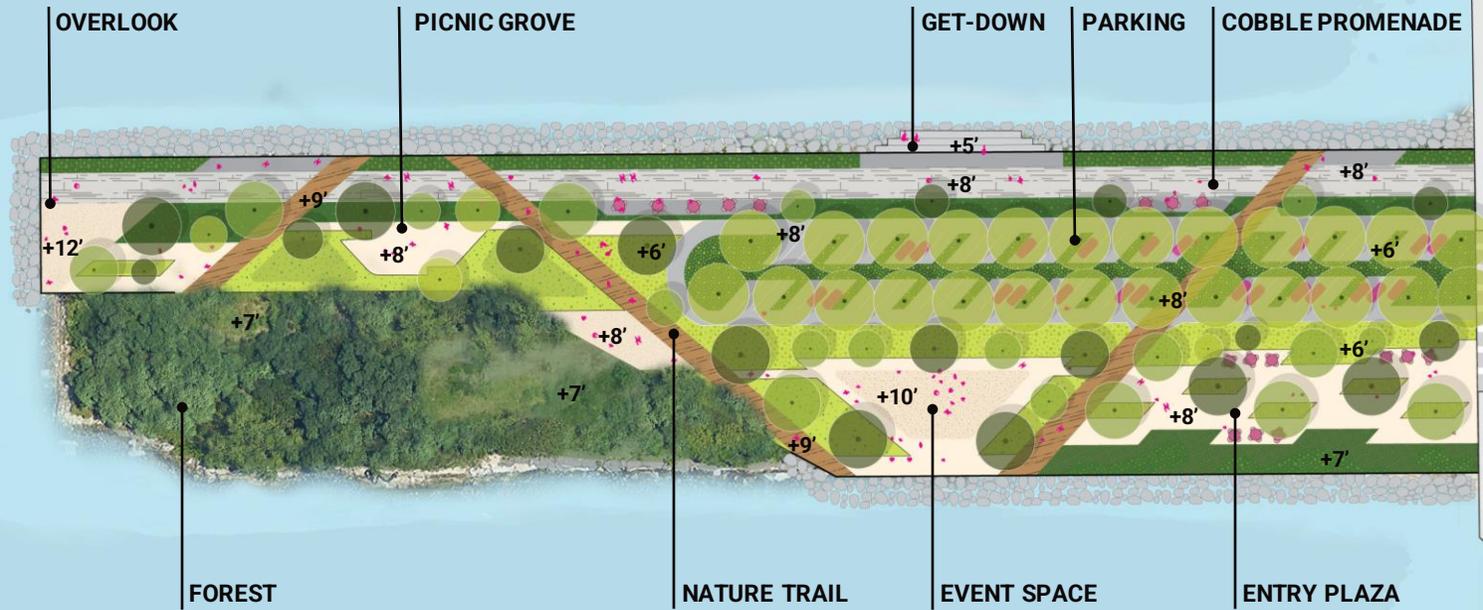
LAWN

OVERLOOK



COBBLE CORRIDOR

Cobble Corridor





Cobble Corridor





COMMUNITY COVE



Community Cove



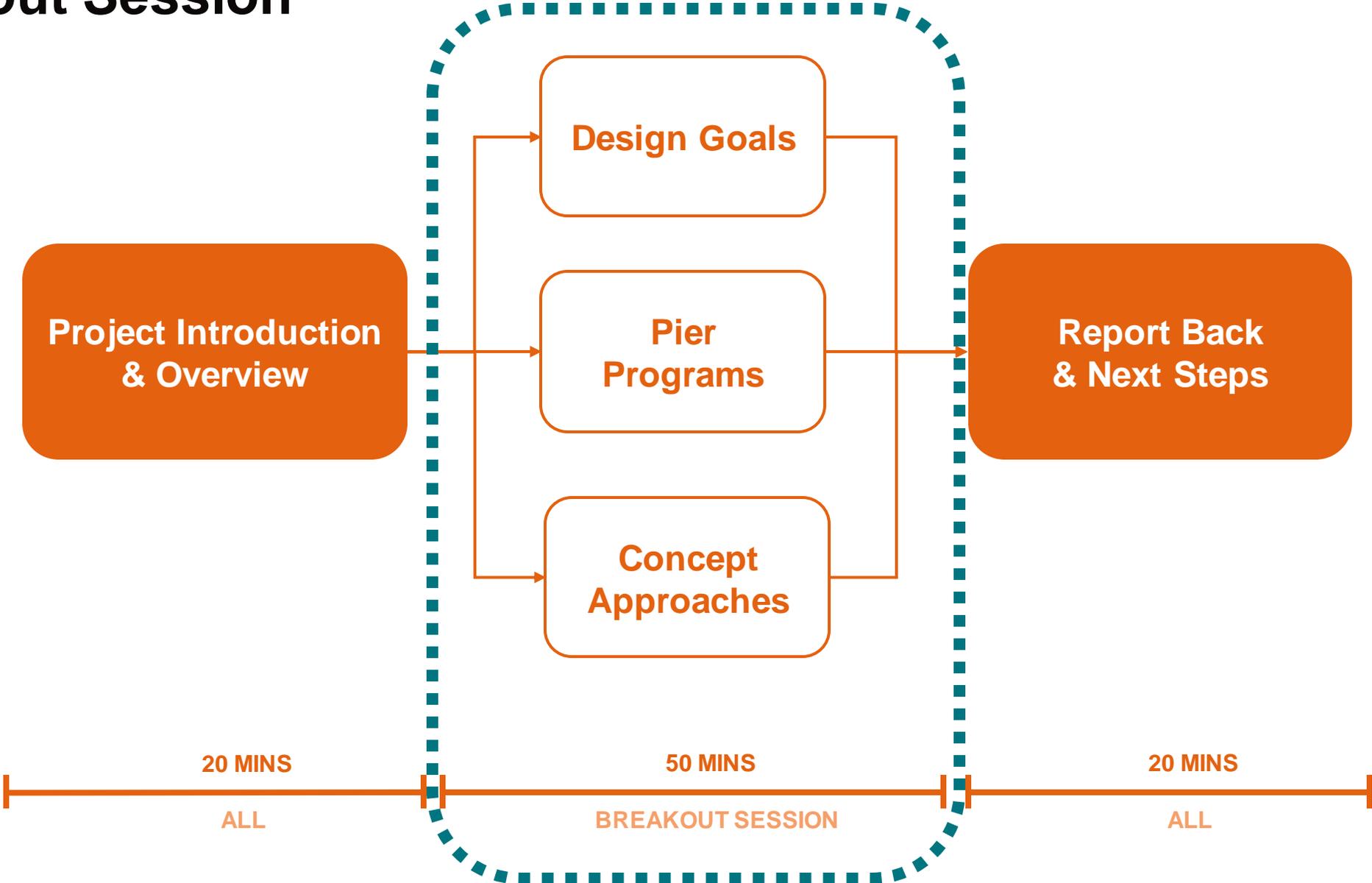


Community Cove

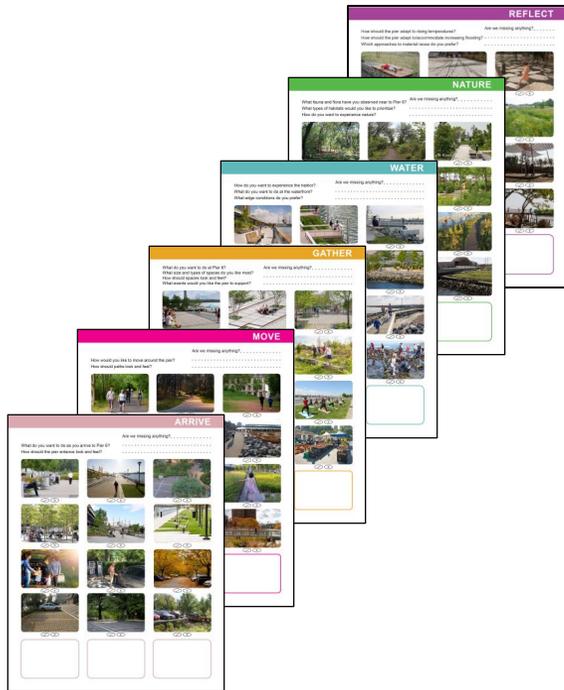


Breakout Session

Breakout Session



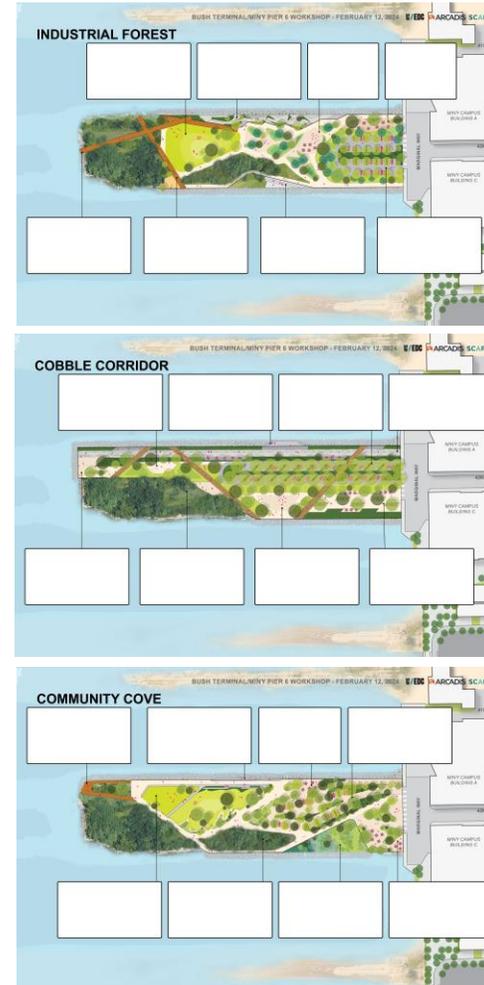
On Your Table



**PICTURE YOUR PIER!
WORKSHEETS**



**PICTURE YOUR PIER!
GROUP CARDS**



CONCEPT APPROACHES



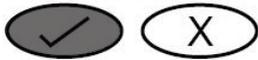
**CONCEPT APPROACHES
OVERVIEW**

Picture Your Pier!

Individual Exercise

Provide feedback on what you want to do on Pier 6 and how you want it to look and feel!

For each worksheet there are 12 images that demonstrate potential experiences at the pier. There are also blank spaces for you to add in any additional ideas! At the end of the meeting, please hand your worksheets to your table's facilitator or another member of the design team.



I like...



I dislike...

ARRIVE

What do you want to do as you arrive to Pier 6?
How should the pier entrance look and feel?

Are we missing anything?

Three empty boxes for notes.

MOVE

How would you like to move around the pier?
How should paths look and feel?

Are we missing anything?

Three empty boxes for notes.

GATHER

What do you want to do at Pier 6?
What size and types of spaces do you like best?
How should spaces look and feel?
What events would you like the pier to support?

Are we missing anything?

Three empty boxes for notes.

WATER

How do you want to experience the harbor?
What do you want to do at the waterfront?
What usage conditions do you prefer?

Are we missing anything?

Three empty boxes for notes.

NATURE

What plants and flora have you observed near to Pier 6?
What types of habitats would you like to prioritize?
How do you want to experience nature?

Are we missing anything?

Three empty boxes for notes.

REFLECT

How should the pier adapt to rising temperatures?
How should the pier adapt to accommodate increasing flooding?
Which approaches to material reuse do you prefer?

Are we missing anything?

Three empty boxes for notes.

Picture Your Pier! Group Exercise

Work together with your table and discuss how to combine the precedent cards with the concept approaches. Consider the mix of experiences, what activities different spaces can host, and program placements on the pier.



*How do the spaces differ between the approaches?
What do you prefer about each?
How would you mix and match elements?
How do you want to use spaces?
How do you want the look and feel to change as you move through the pier?
Are we missing any opportunities?*



PURPOSE: STABILIZE THE PIER

Respond to current erosion to preserve the pier for future use as open space.

GOALS: SAFE & ACCESSIBLE

Provide a safe and accessible waterfront public space.

ENGAGING & FLEXIBLE

Design engaging and flexible spaces for all and connect people with the harbor.

ECOLOGICAL & INDUSTRIAL

Celebrate the pier's rich industrial and ecological history and engage with current harbor ecosystems and industrial activity.

SUSTAINABLE & ADAPTABLE

Design a place that is sustainable and adaptable to a changing environment.

IMPLEMENTABLE & MAINTAINABLE

Implement the design goals cost-effectively and open a maintainable, redesigned pier in the near-future.

Report Out & Next Steps

An aerial photograph of a waterfront construction site. In the foreground, there are several grey modular office buildings with 'WILLSCOTT' written on them. A concrete walkway with a metal railing leads to a body of water. In the middle ground, there's a parking lot with several cars and a blue container. The background shows a large body of water with several large ships and a city skyline in the distance under a cloudy sky. A semi-transparent teal banner is overlaid across the middle of the image, containing white text.

WHAT DID YOU DISCUSS AT THE BREAKOUT TABLES?

How to stay involved?

Exit Survey

Open from 2/12 to 2/20

- Share additional feedback about program on the pier.

Newsletter

- Stay updated with project and construction news.

Town Hall #2

Spring/Summer 2024

- Learn about and provide feedback on the design.



Scan me to give feedback!

