

MITHUN

▲ The Home Team

RESILIENT

BAY AREA CHALLENGE

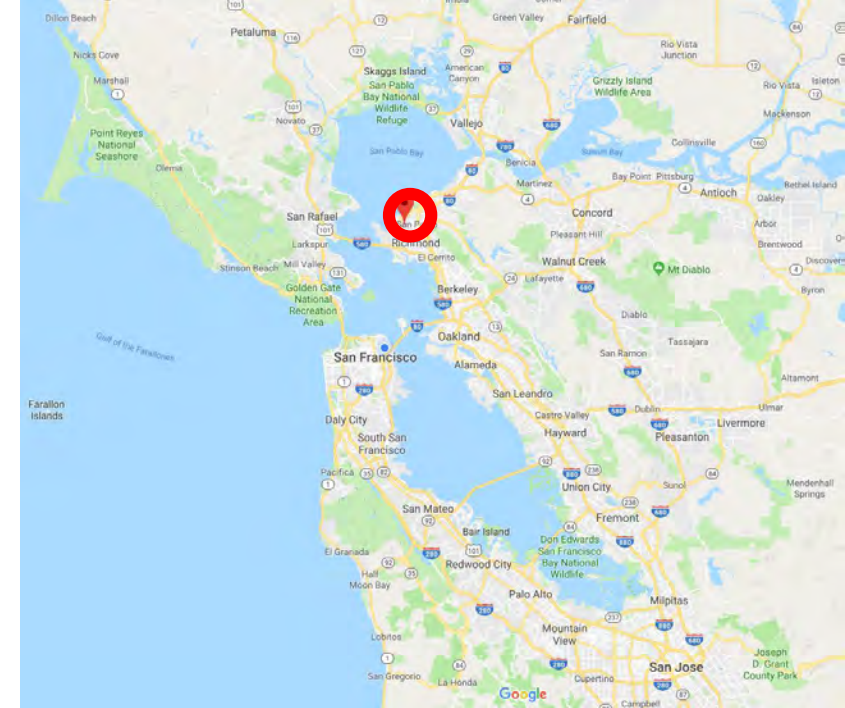
BY

DESIGN

our **R**-HOME

# North Richmond Priority Resilience Area







WASTE WATER  
TREATMENT PLANT

This is an aerial map of a coastal area. A large blue-shaded region on the left represents a 6-foot sea level rise. A red-shaded area in the lower right is labeled as the pump flood zone. Several locations are marked with red circles and lines pointing to labels: the Waste Water Treatment Plant, a Pump Station, and a Pump Outfall. The map shows a mix of urban development, industrial areas, and natural coastal features.

6' SEA LEVEL RISE

PUMP STATION

PUMP OUTFALL

PUMP FLOOD ZONE





North Richmond has 6x more diesel pollution (PM) per square mile than the rest of Contra Costa County, 8x the Bay Area average, and 50x more than the California average.

















# Leading By Listening —





Community Advisory Board





One-On-One





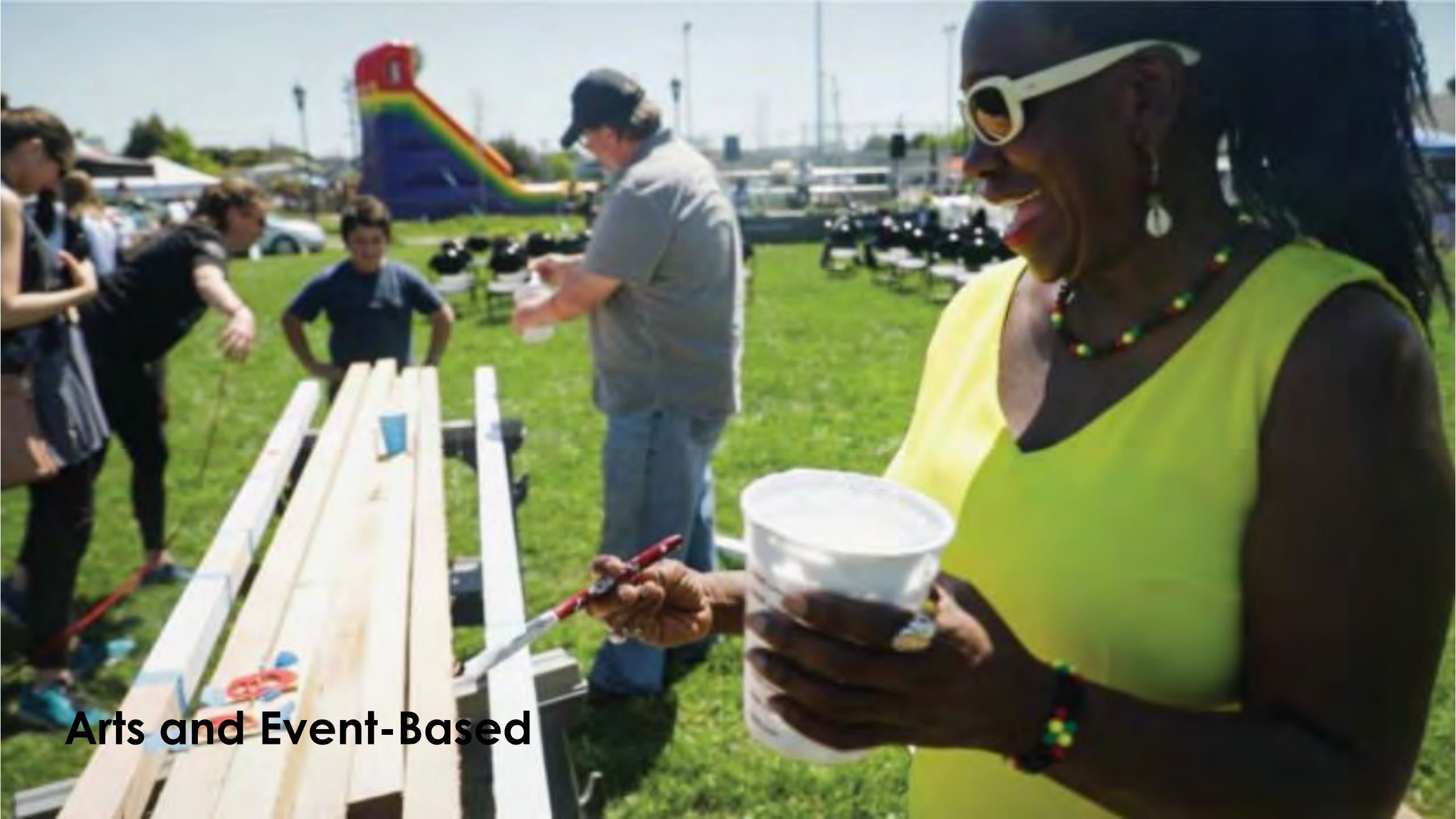
**Workshopping**





**Arts and Event-Based**





**Arts and Event-Based**





**Arts and Event-Based**





Conversations





**Listening to Nature-Based Systems**





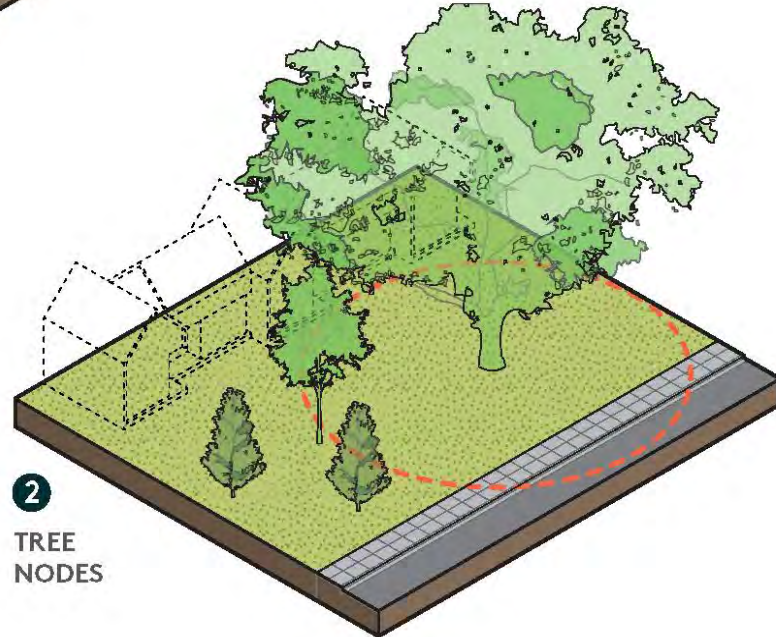
#### INITIATIVES AND PROJECTS IN NORTH RICHMOND:

- 1 CLEAN AND GREEN - STREET TREES (TWP)
- 2 VERDE SCHOOL PARTNERSHIP GARDEN (URBAN TULH)
- 3 N. RICHMOND URBAN FARM (URBAN TULH)
- 4 FIRST AND MARKET COMMUNITY GARDEN (URBAN TULH)
- 5 SENIOR CENTER NATIVE HABITAT (NHRU)
- 6 PROJECT PRIDE NATIVE HABITAT GARDEN (NHRU)
- 7 WEDNESDAY FARMERS' MARKETS (VARIOUS)
- 8 PROPOSED SMALL MARKET (VARIOUS)
- 9 F. JACKSON WAY WALKABILITY - 1ST & LAST MILE (PAWS)
- 10 RAISE FLOOD CONTROL CHANNEL LEVELS (CCD)
- 11 WILDCAT CREEK SLATION BASIN COMMUNITY-BASED STEWARDSHIP (URBAN TULH)
- 12 NON-NATIVE (NAT) REMOVAL (URBAN TULH)

- 13 "ADOPT A BLOCK" - PART OF NR COMMUNITY-BASED CLEANING AND OUTREACH PROGRAM (TWP, CWP)
- 14 NR GREENING PROJECT - CREEK CLEANUPS (NHRU)
- 15 DEMONSTRATION BIORETENTION BASIN (URBAN TULH)
- 16 ANNUAL "HOT SPOT" CLEANUPS (TWP)
- 17 GREEN INFRASTRUCTURE AT N. RICHMOND BALLFIELD (TWP)
- 18 FULL TRASH CAPTURE DEVICE PLANNING (CWP)
- 19 NR PUMP STATION SW RECYCLING PROGRAM (CWP)

**ACRONYMS**  
 TWP = THE WATERSHED PROJECT  
 PAWS = COUNTY PUBLIC WORKS DEPARTMENT  
 CWP = COUNTY WATERSHED PROGRAM  
 NHRU = NEIGHBORHOOD HOUSE OF NORTH RICHMOND  
 NR = NORTH RICHMOND





KEY SPECIES:



MONTERREY CYPRESS



ARROYO WILLOW



COAST LIVE OAK



VALLEY OAK



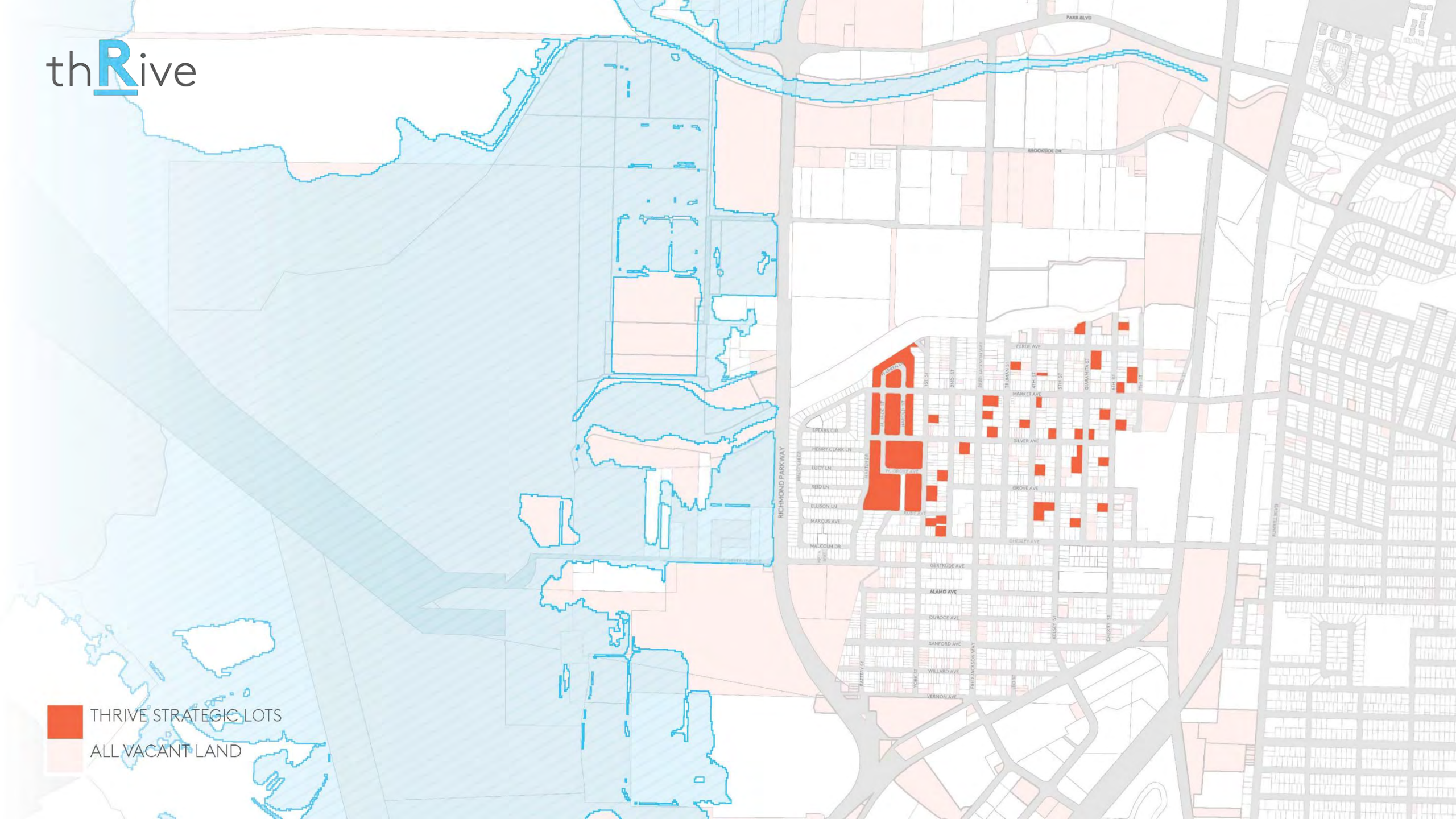




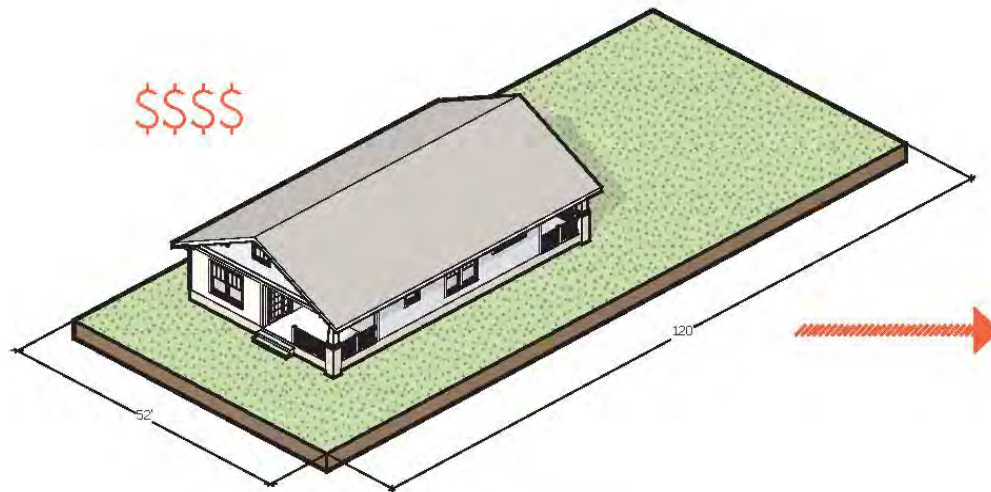




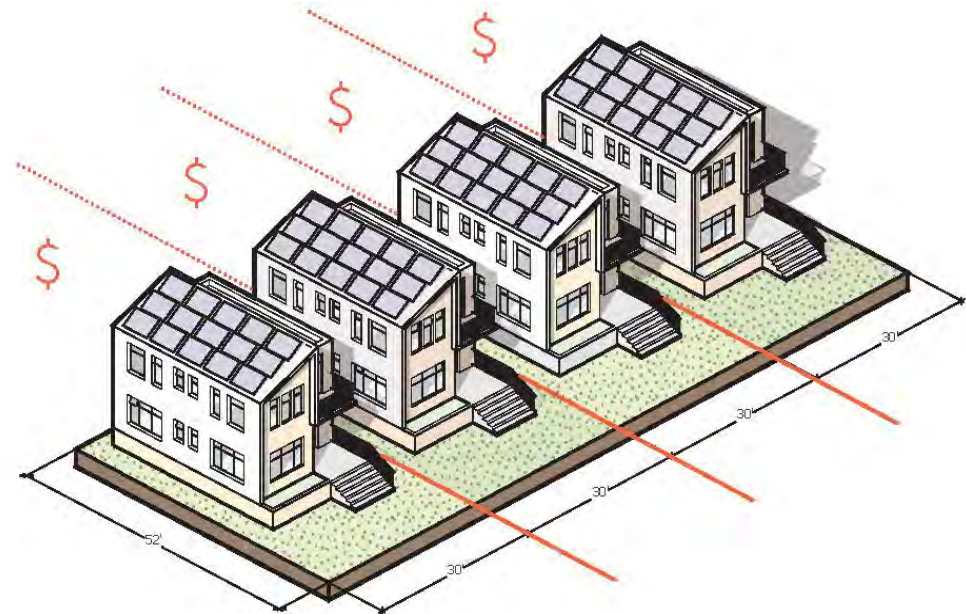
THRIVE STRATEGIC LOTS  
ALL VACANT LAND







EXISTING:  
 Typical Lot: 52'x120' = 6240 sq ft  
 Typical Single Family Home:  
 1500 sq ft (single story)

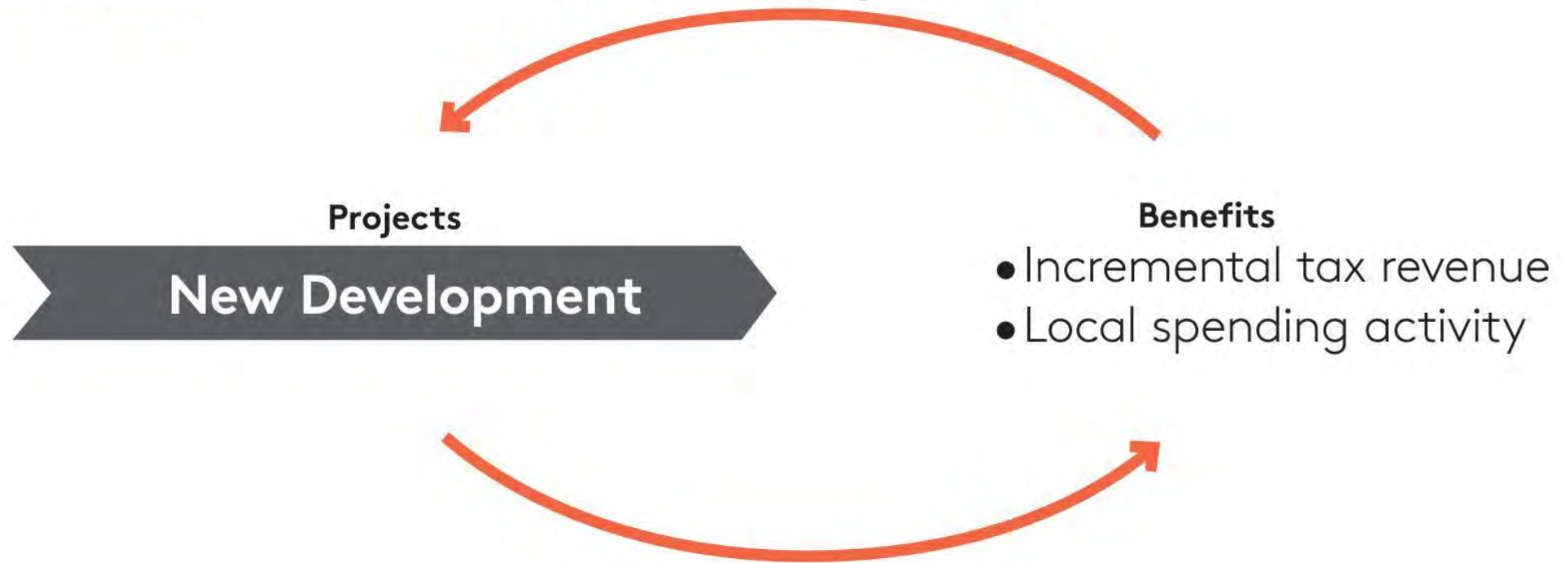


SPLIT:  
 $52' \times 120' \div 4 =$   
 Four Small Lots at 1560 sq ft each  
 Small Lot Infill Homes:  
 1250 sq ft (two story).



# TRADITIONAL: RETURN ON INVESTMENT

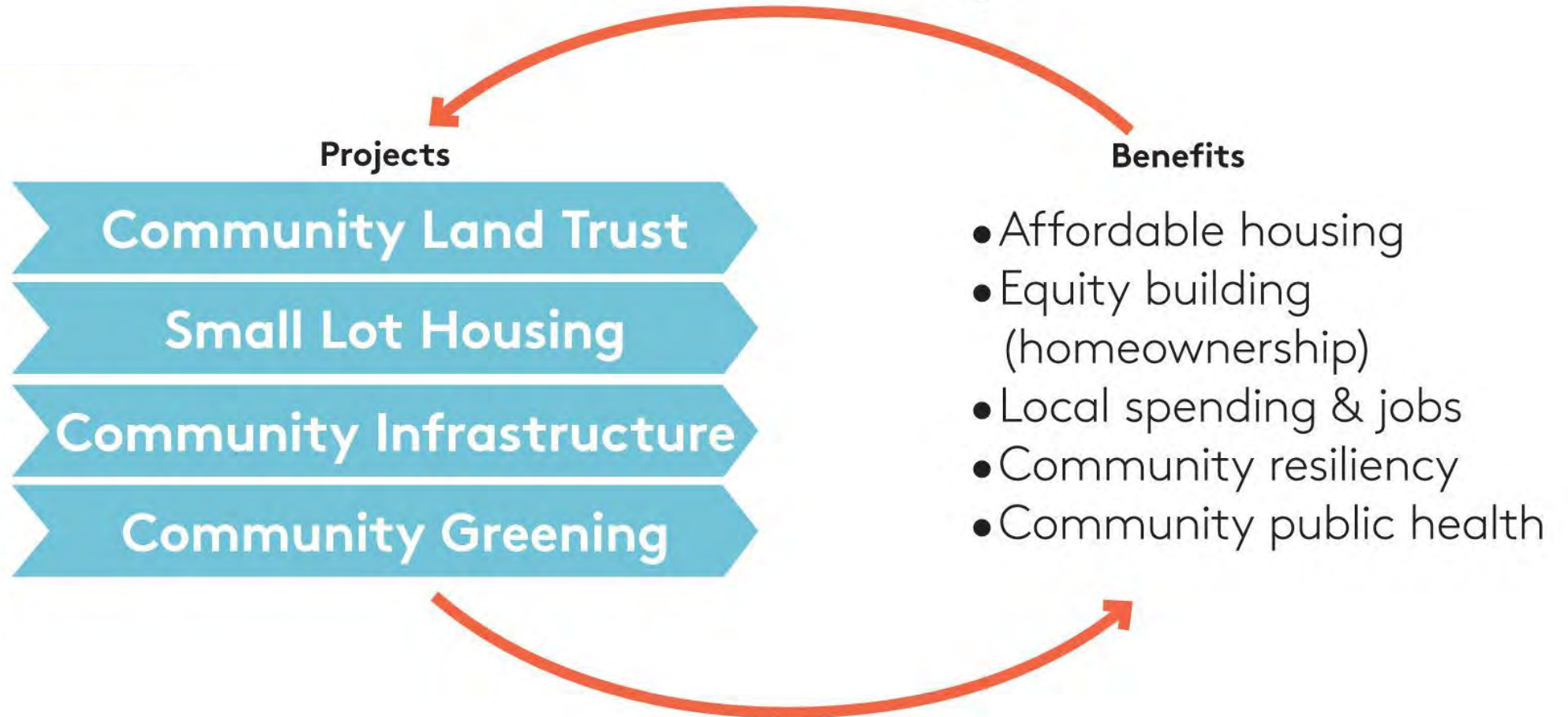
**Goal: Promote  
new development**





# HOME TEAM: RETURN TO COMMUNITY

**Goal: Community  
stabilization &  
wealth building**



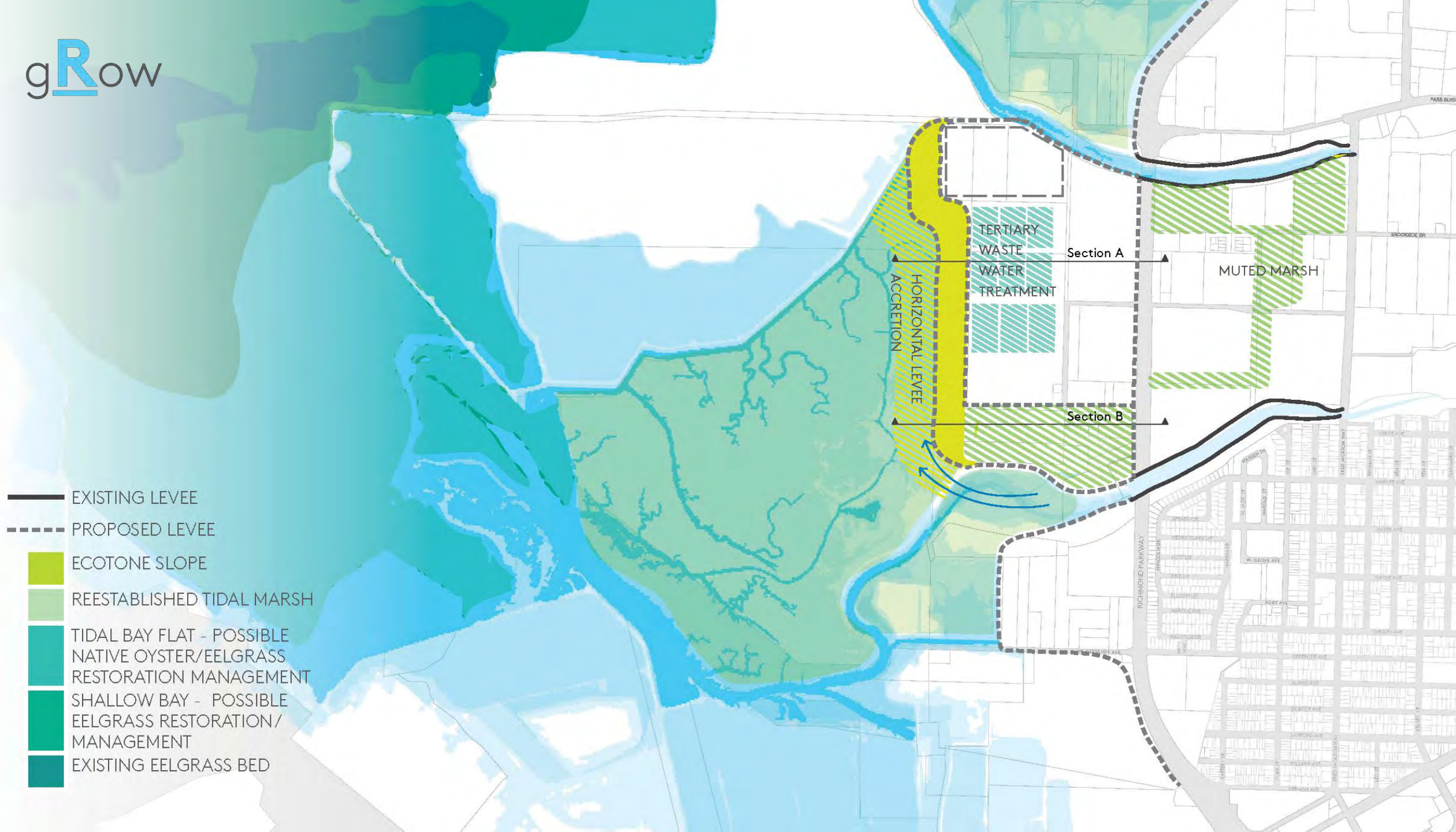












- EXISTING LEVEL
- - - PROPOSED LEVEL
- ECOTONE SLOPE
- REESTABLISHED TIDAL MARSH
- TIDAL BAY FLAT - POSSIBLE NATIVE OYSTER/EELGRASS RESTORATION MANAGEMENT
- SHALLOW BAY - POSSIBLE EELGRASS RESTORATION/MANAGEMENT
- EXISTING EELGRASS BED





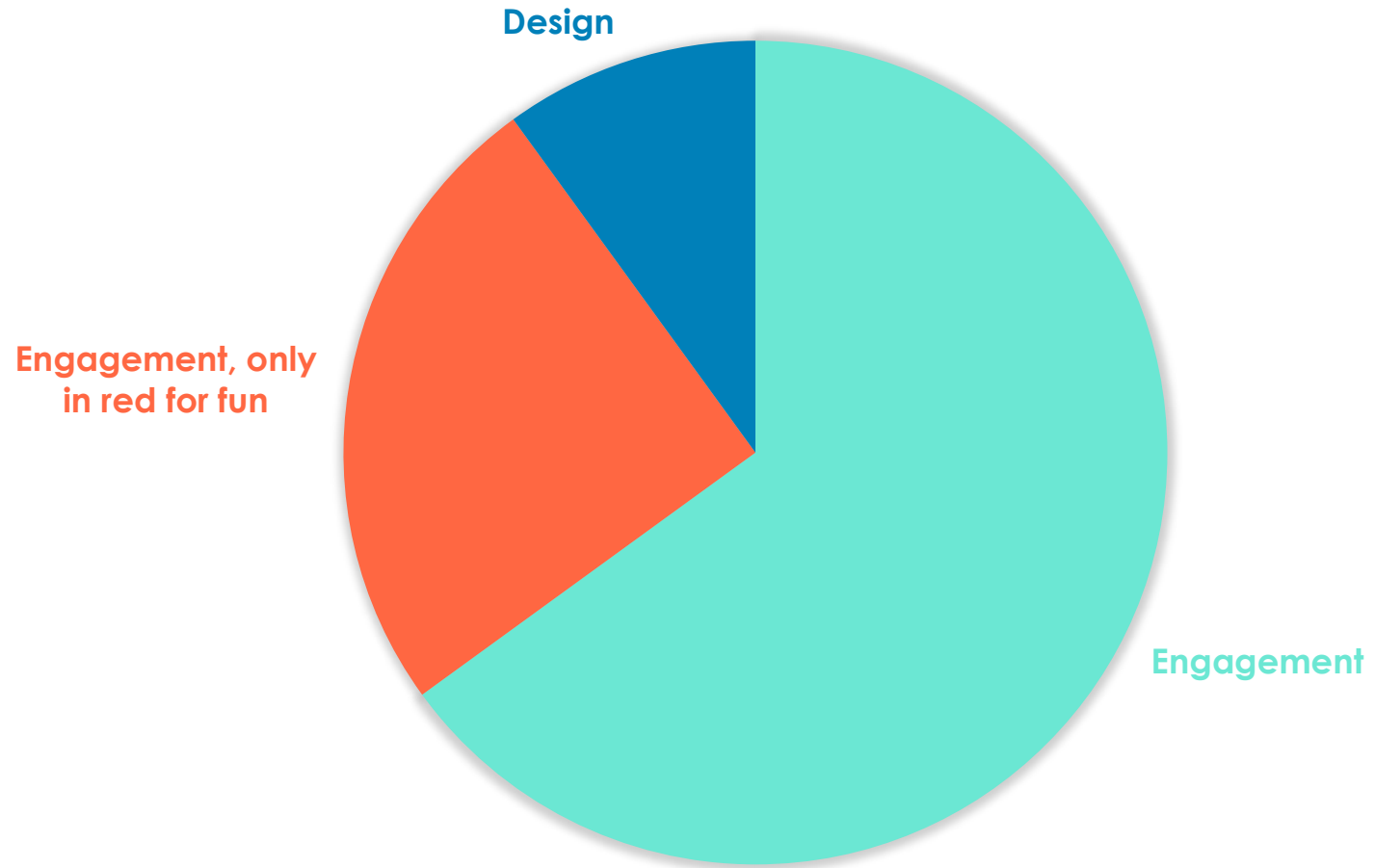




Process ≥ Outcome —



# TIME







Since RbD



[illegible][illegible]

**Quality of Life Plan**

The image shows a young boy with short dark hair, wearing a white t-shirt with a blue butterfly graphic, standing next to a large informational poster. The poster is titled "NORTH RICHMOND QUALITY OF LIFE PLAN" in large green letters. Below the title, it says "BY AND FOR RESIDENTS". The poster contains sections for "OUR VISION", "OUR COMMITMENT", and a list of community members. At the top left of the poster, there is a small illustration of a person blowing a trumpet, with street signs for "JACKSON" and "FRED JACKSON" above them.

- [illegible]

[illegible]

## A photograph of a young boy with short dark hair, wearing a white t-shirt with a blue butterfly graphic, standing next to a large informational poster. The poster is titled "NORTH RICHMOND QUALITY OF LIFE PLAN" in large green letters. It includes sections like "OUR VISION", "OUR COMMITMENT", and "BY AND FOR RESIDENTS". At the top left of the poster is a small illustration of a person blowing a trumpet, with street signs above it reading "JACKSON" and "FRED JACKSON". The background shows a blurred interior setting with wooden paneling and other people.

[illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible]



# Our Community

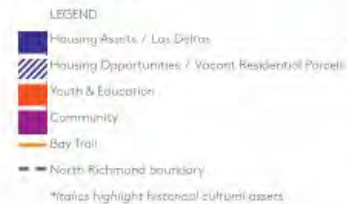
## History

North Richmond has a history of cultural richness, community spirit, and resilience in the midst of racially discriminatory policies and real estate practices that created economic and housing hardship for its residents. Before World War II, African Americans were concentrated in North Richmond. Restricted housing covenants and racial exclusivity prohibited the African American population from buying property in the city of Richmond. While the federal government built housing in the 1940s for white workers employed at the Kaiser shipyards, the North Richmond neighborhood had narrow lots with makeshift homes.

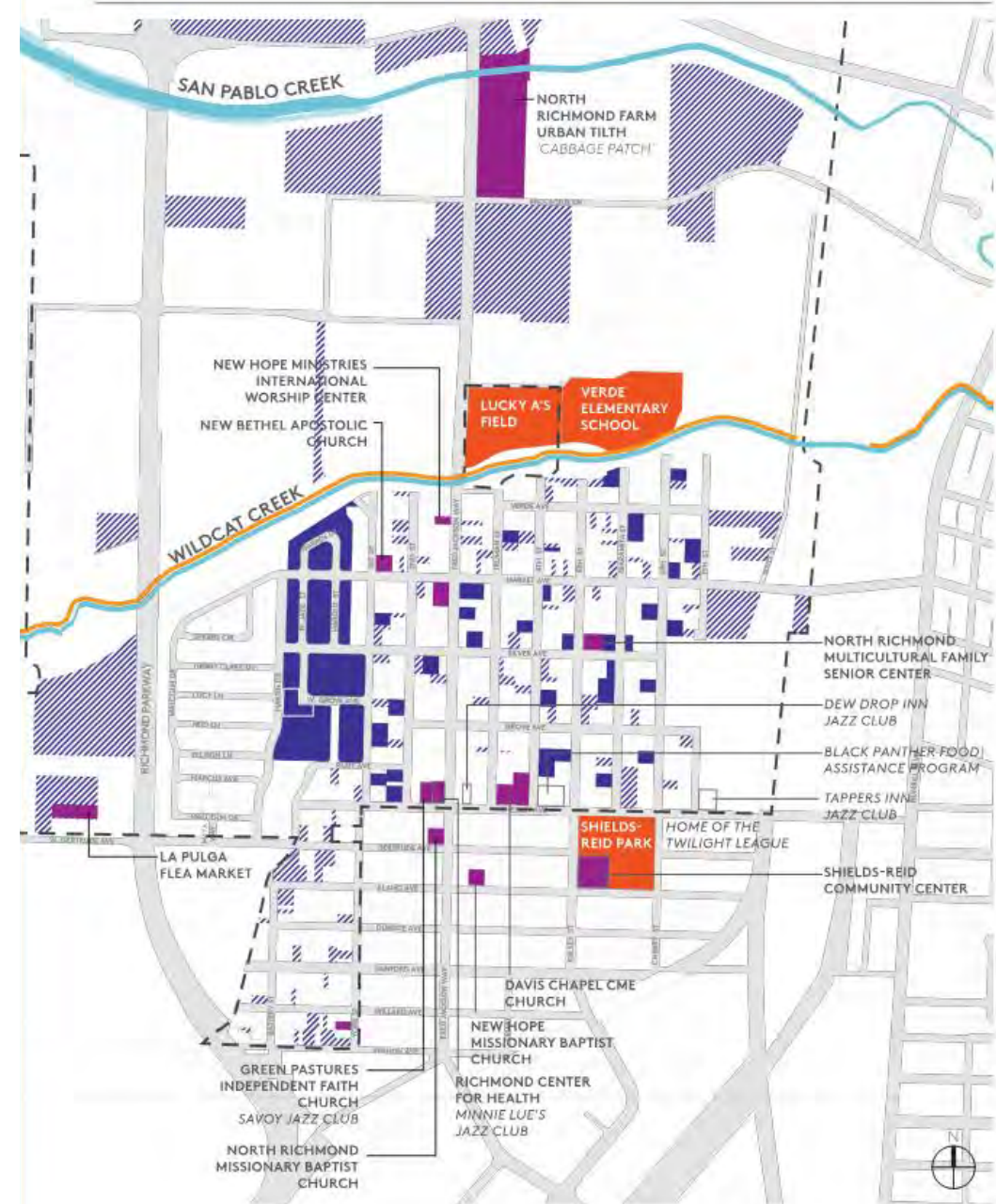
The neighborhood received less services and was subject to frequent flooding, inadequate garbage collection and sewage disposal, less police protection, and unpaved streets – dating back to the late 19th century when North Richmond was a rural community primarily made up of immigrants from Italy, Portugal, Mexico, Japan, Laos. African American migrants from the South found that the West Coast was no refuge from institutional discrimination, but nonetheless created a vibrant community of their own in North Richmond.

Over the years, descendants of these early community builders have continued to live and work in North Richmond. Today, the neighborhood has diversified, and according to the 2016 U.S. Census estimate, the population includes 16.4% Black/African-American, 64.9% of Hispanic/Latino origin, 4.6% White, 12.2% Asian, and 1.9% two or more races.

### ASSET MAP



1 Brief history summarized from Rogers, R. (2011, June 8). A Journey Into North Richmond. Retrieved from <http://richmondconfidential.org/2011/06/08/part-2-north-richmond-in-auspicious-beginnings/>







# Our Process

## Summer 2018

The North Richmond Resident Leadership Team surveyed the community at large to inform a robust visioning process. They interviewed 108 individuals, asking each person to describe the strengths, weaknesses, opportunities and threats (SWOT) associated with North Richmond. Interviews were open-ended conversations with the purpose of listening actively to the concerns and feelings of many residents. To reach a broad swath of the North Richmond community, the resident leaders canvassed all corners of the neighborhood and attended multiple community events. In addition, Healthy Richmond conducted SWOT interviews of eight focus-groups composed of institutional stakeholders.

## October 2018

The North Richmond RLT staged a community visioning event at Verde Elementary School attended by over 80 people from the community. The resident leaders presented an assessment of the community's needs based on data collected from the community surveys and focus-groups interviews. The data were organized and presented in eight thematic areas. The event concluded with group discussions among attendees and distribution of a written report describing the major themes that were most commonly shared across the interviews.

## November 2018 - March 2019

Public planning sessions were held twice a month to move the community from a general vision to a Quality of Life Plan in four issue areas identified as priorities: housing, business, safety and youth. Institutional stakeholders were invited to join a "Leadership Circle" to work together with residents to identify sponsors, implementing partners, and resources to bring about the community vision.

## WHO



## WHAT



## HOW







## OPPORTUNITIES

- 1 A LOCAL GROCERY STORE (COÖPERATIVE)
- 2 A YOUTH CENTER WITH LOCAL PROGRAMMING (I.E., MENTORSHIP) FOR YOUTH AND YOUNG ADULTS WITH OUTDOOR SPACE FOR RECREATION
- 3 GREEN SPACES INTERSPERSED BETWEEN HOUSING THAT IS AVAILABLE FOR COMMUNITY USE AND PROGRAMMING. TRANSFORMATION OF EMPTY LOTS INTO AN "URBAN FOREST"
- 4 SAFE GREEN STREETS: WALKABLE, CLEAN STREETS WITH SIGNALIZED INTERSECTIONS, A BIKE LANE, COLORFUL SIDEWALKS, TREES AND LIGHTING
- 5 A TRANSIT HUB: SHUTTLE SERVICE TO BART, THE FERRY, AND MAJOR HUBS FOR EMPLOYMENT
- 6 A COMMUNITY CENTER LOCATED NEAR NEW HOUSING DEVELOPMENT FEATURING AMENITIES THAT COULD INCLUDE A COMMUNITY POOL, CULTURAL PROGRAMMING SUCH AS MOVIE NIGHTS AND LIVE MUSIC, AND SPACE FOR CIVIC ASSEMBLY. THERE COULD ALSO BE A SMALL PARK AND PICNIC AREA.
- 7 AN ACTIVE AND WALKABLE BUSINESS DISTRICT THAT MIGHT INCLUDE A LAUNDROMAT, LIBRARY, MOVIE/PLAY HOUSE, BARBER SHOP, COFFEE SHOP, AND A COMMUNITY KITCHEN COOPERATIVE
- 8 A DAY CARE CENTER WITH PROGRAMMING FOCUSED ON ADVANCED CHILDREN'S LITERACY
- 9 A GYM FOR RESIDENTS OF ALL AGES





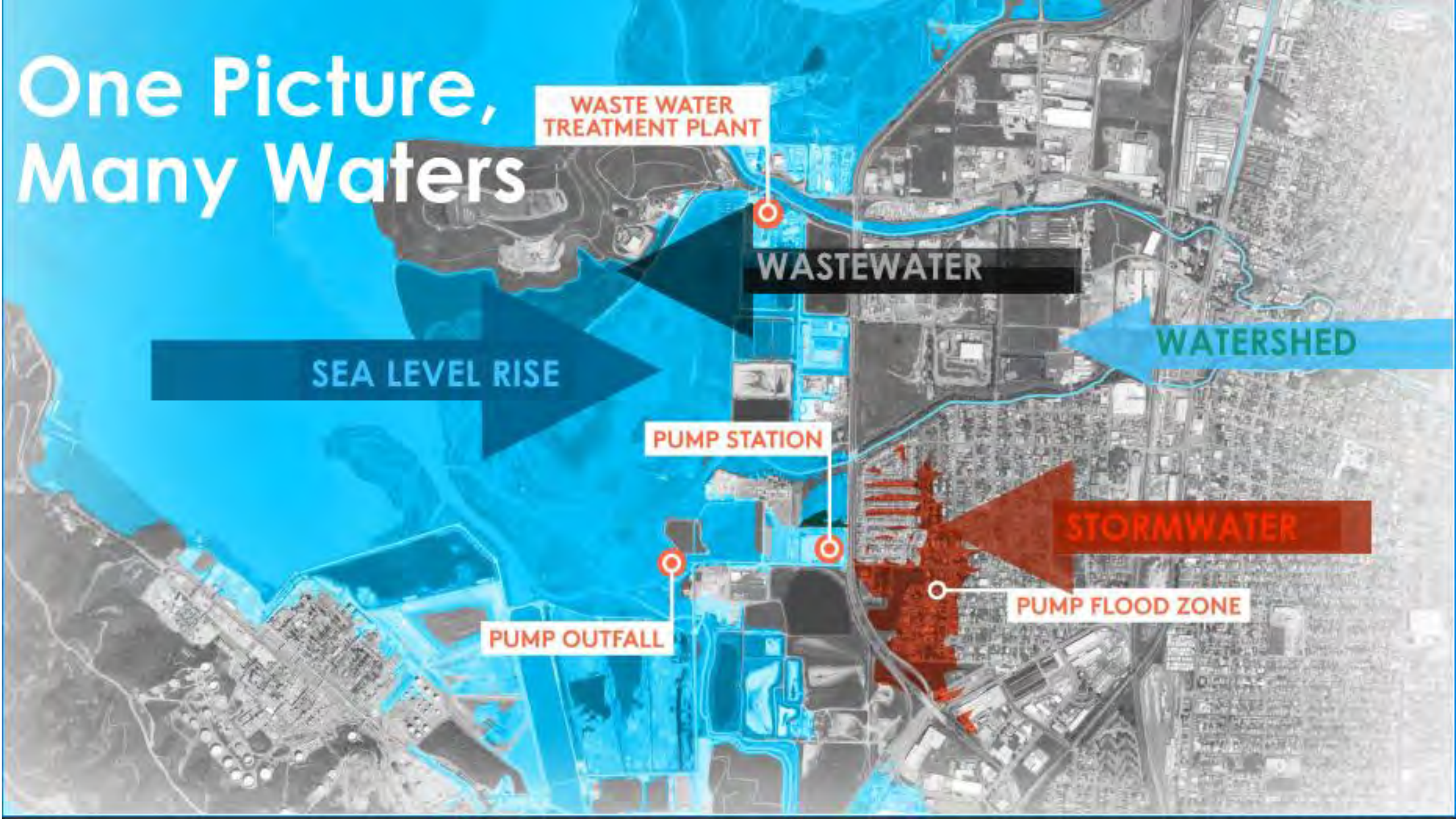




# North Richmond Horizontal Levee Discussion—

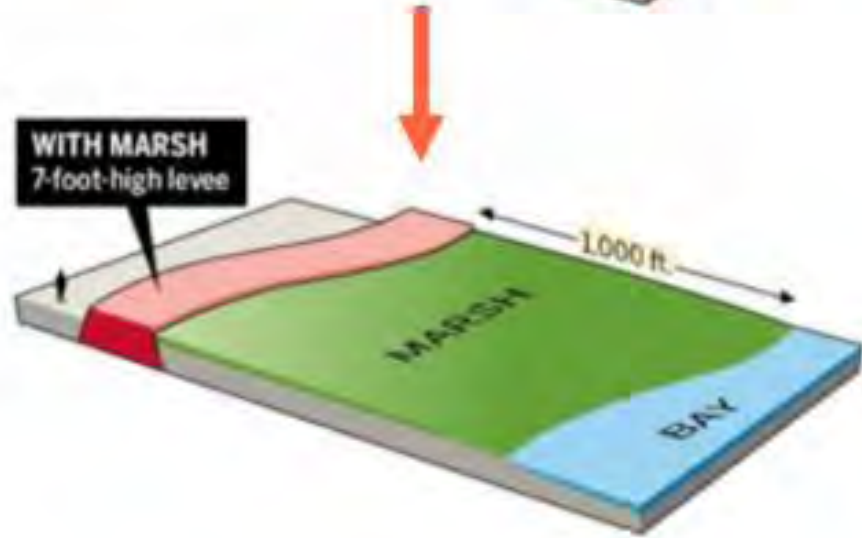
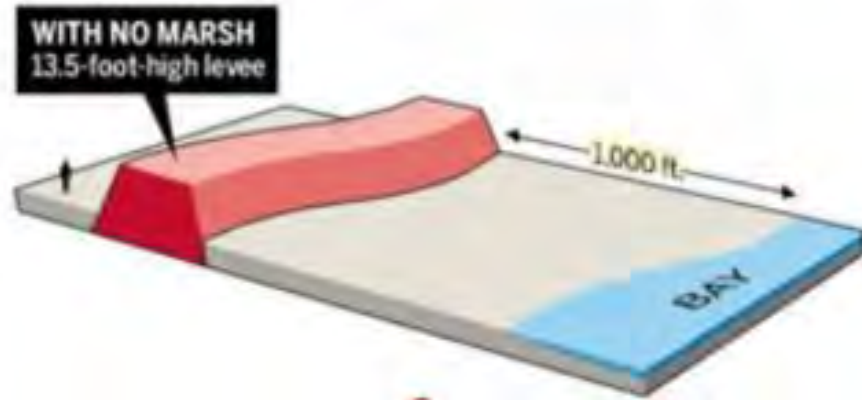


# One Picture, Many Waters





# How It Can Work





# What It Could Look Like

Landfill (RSS)

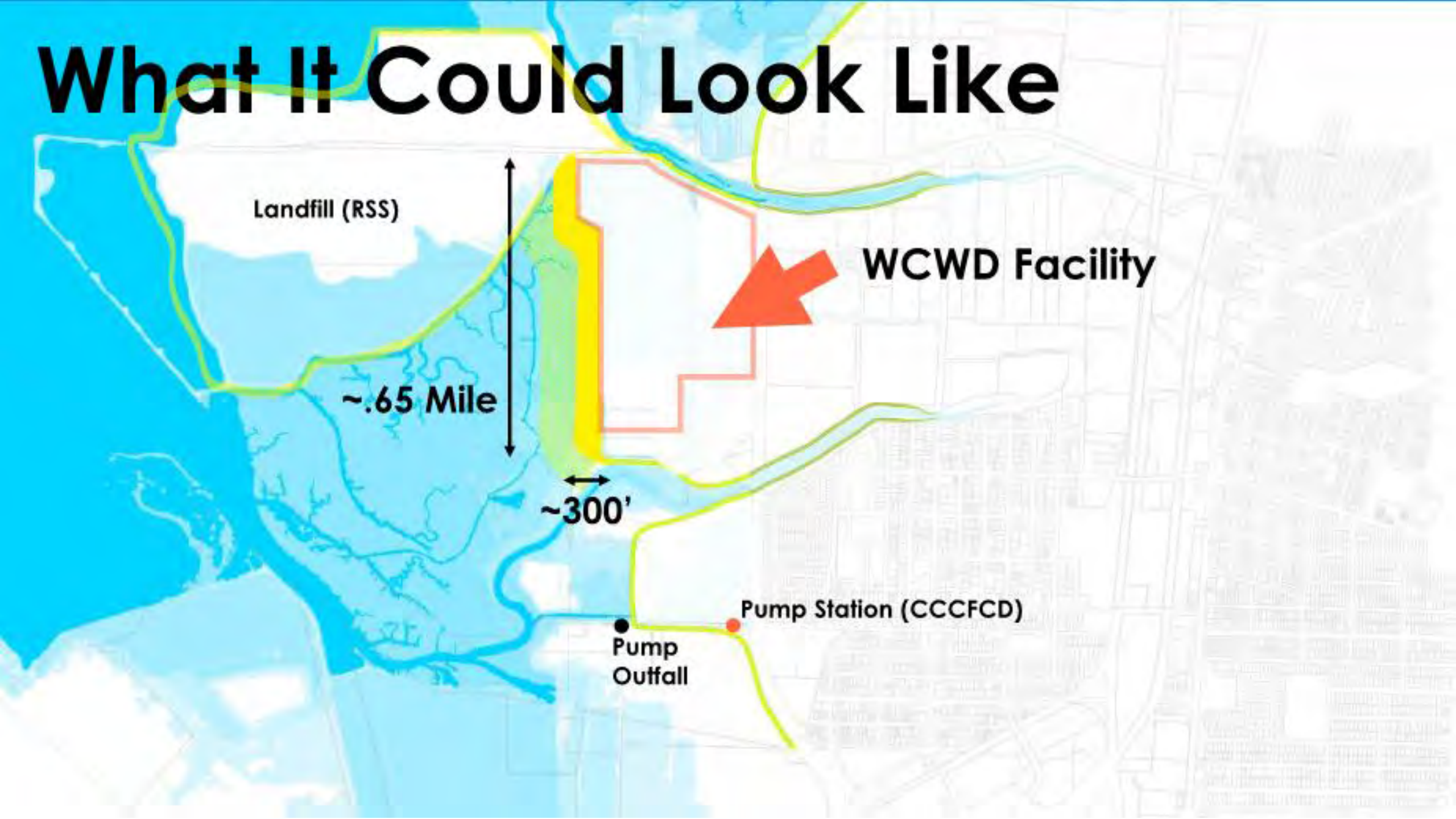
WCWD Facility

~.65 Mile

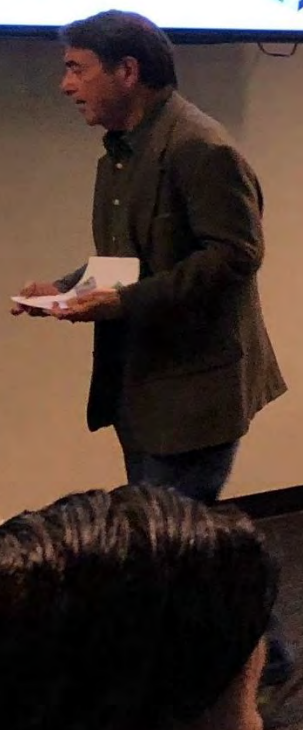
~300'

Pump Station (CCCFCFCD)

Pump  
Outfall









# Wildcat Creek Visioning





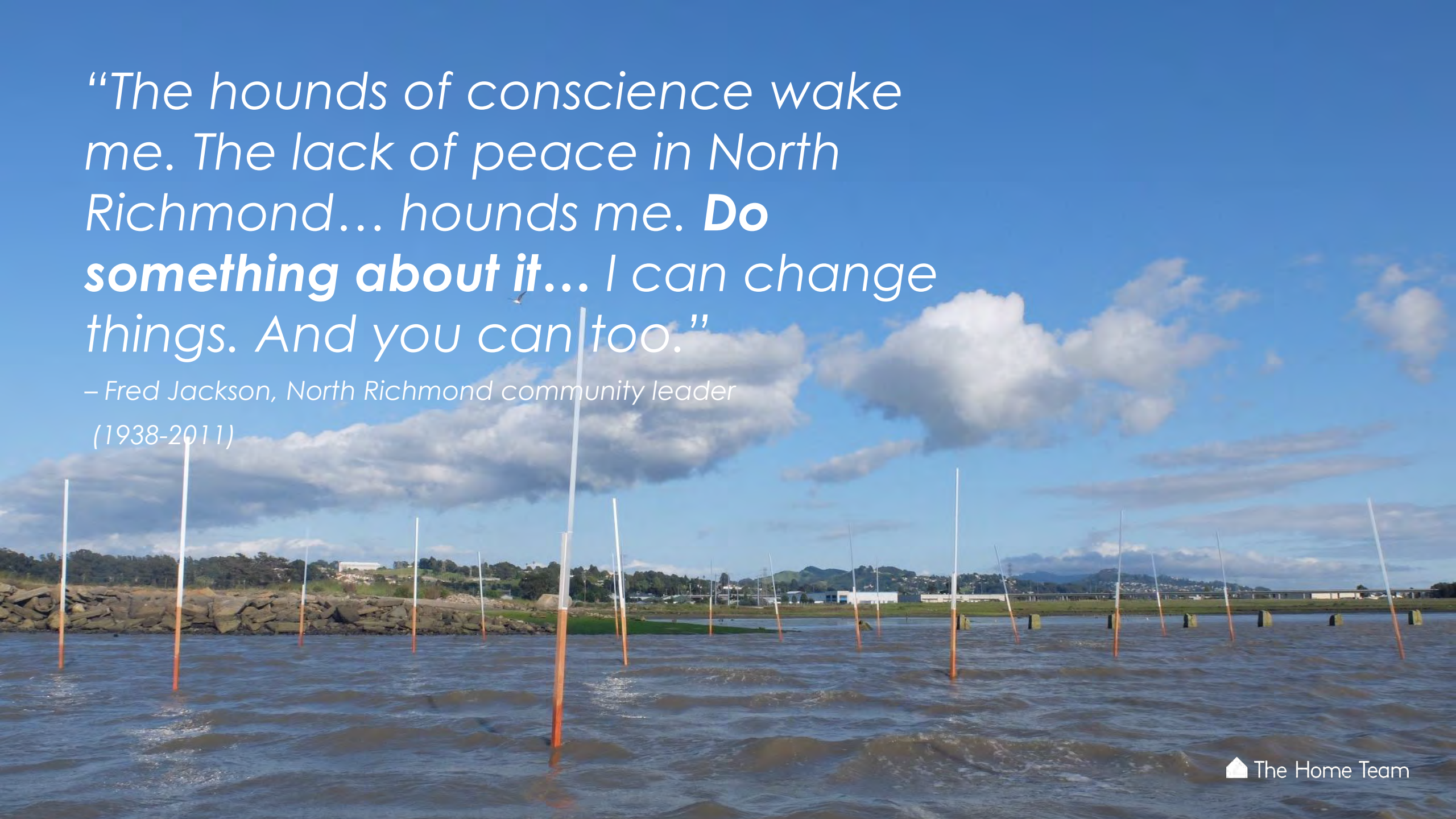




# MITHŪN



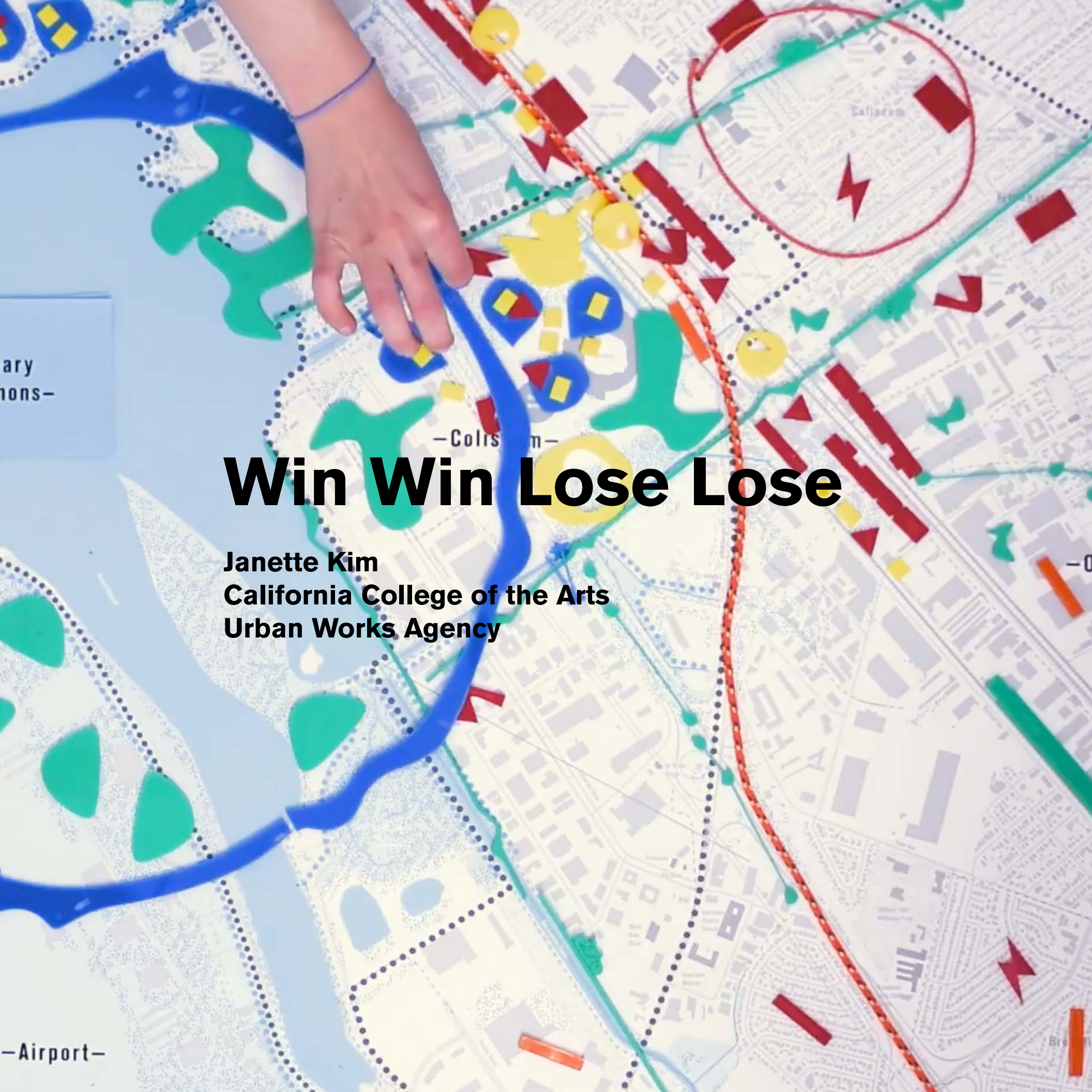




*“The hounds of conscience wake me. The lack of peace in North Richmond... hounds me. **Do something about it...** I can change things. And you can too.”*

*– Fred Jackson, North Richmond community leader  
(1938-2011)*





# Win Win Lose Lose

Janette Kim  
California College of the Arts  
Urban Works Agency





Protecting Local Sites

Safer Bay for Everyone to Enjoy



## RESILIENT BY DESIGN CHALLENGE

Resilient by Design | Bay Area Challenge is a collaborative research and design project that brings together local residents, public officials and local, national and international experts to develop innovative solutions to the issues brought on by climate change that our region faces today.

In a yearlong challenge, teams of engineers, architects, designers and other experts will work alongside community members to identify critical areas throughout the Bay Area and propose exciting, new, community-based solutions that will strengthen our region's resilience to sea level rise, severe storms, flooding and earthquakes.

The result will be 10 new implementable projects that offer an imaginative and collaborative approach to resilience. By seeing the critical need to address climate change as an opportunity to bring about a stronger, safer Bay, we are protecting shoreline communities and preparing for the local challenges brought on by sea level rise.



# The Estuary Commons

All Bay Collective (AECOM, CMG, Urban Works Agency, and UC Berkeley, with David Baker Architects, Silvestrum, Skeo, and Moll de Monchaux.) Research/ Design Assistants: Liz Lessig and Cesar Lopez (Resilience Fellows) and Namhi Kwun.

RESILIENT  
BY  
DESIGN





Resilient by Design  
Student Involvement





Resilient by Design

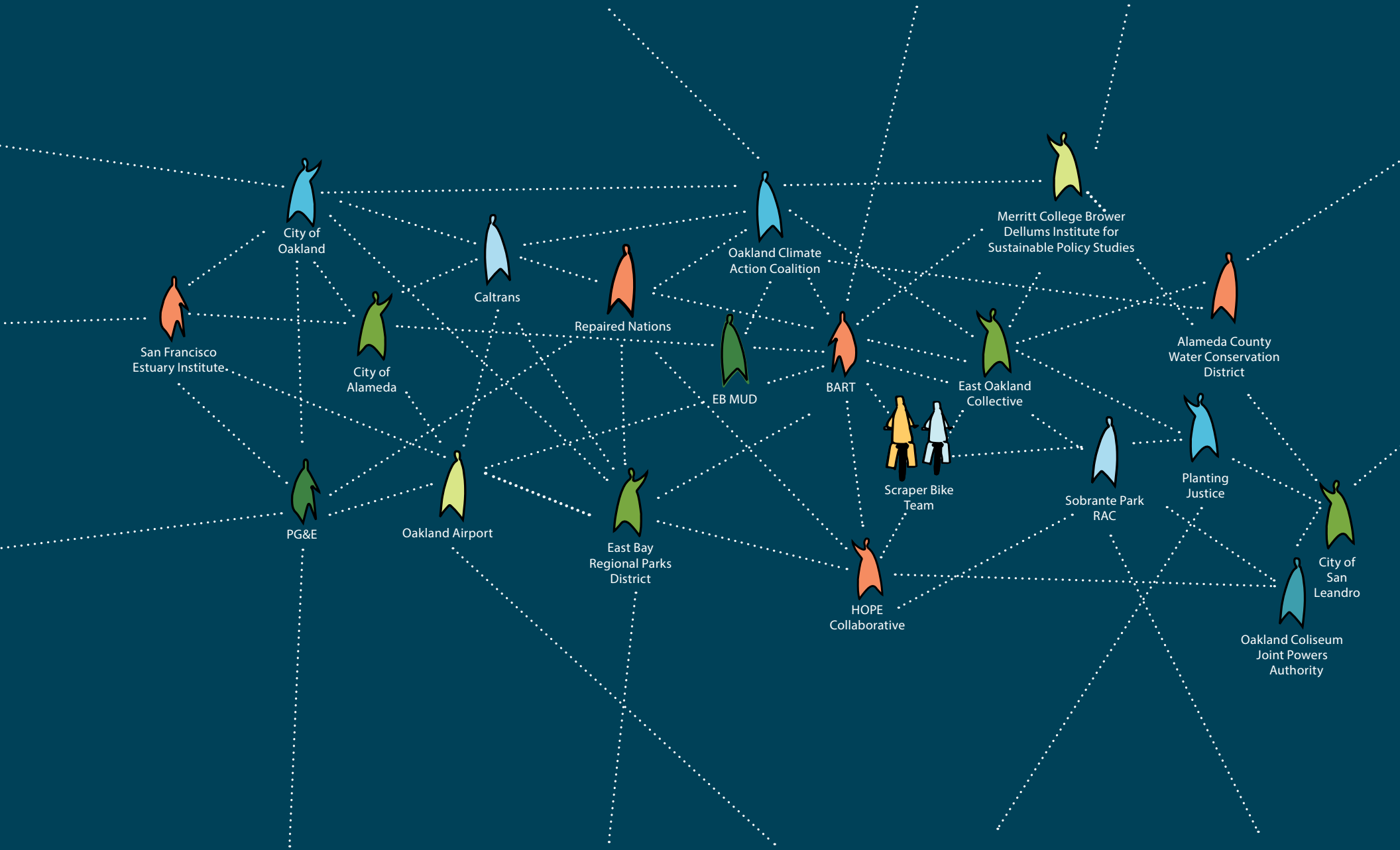
Community Based  
Organizations





Resilient by Design

# Agency Partnerships





## In It Together

ABC and Shahad Alamoudi,  
Marwan Barmasood, Georgia  
Came, Denisse Correa  
Guerra, Alli Foronda, Eric  
Fura, Francisco Garcia, Jes-  
sica Grinaker, Fathmath Isha,  
Lori Martinez, Jennifer Pandi-  
an and Sabrina Schrader







BART

Pond

Tidal Cities

Solar

Agr.

Agr.

Levee + Pump

Agr.

Fishing Market

Land Bridge

Wildlife Habitat

Logistics Warehouse

Urban Park

Stadium

Commercial Office

Community Land Trust













Coliseum

Micro-Grid

COLISEUM









ndro-

-Coliseum-







In Together  
Participatory Design

The City of Oakland

Participatory Design is a process that allows community members to have a say in the decisions that affect their lives. It is a way to make sure that the people who are most affected by a decision have a say in the decision.

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# RESILIENCE POINTS

ECONOMIC

ENVIRONMENTAL

SOCIAL

CULTURAL

NEGATIVE



36  
99

















Community Resilience Investment Decision-Making Tool Criteria and Indicators

Abbr.	Criteria	Indicator
Governance		
G1	Multi-Stakeholder and Community Collaboration	<div><div>▶ Increase in proactive collaborative activities between public sector entities, community-based organizations, and private sector actors partnering on implementation</div><div>▶ Increase in meaningful public opportunities to engage in these collaborative activities early and often</div></div>
Socioeconomic and Racial Equity		
S1	Diverse Employment	<div><div>▶ Increase in job availability through new local employment centers</div><div>▶ Increase in workforce trainng and education opportunities</div><div>▶ Increase in transporation linkages to regional job centers and opportunities</div><div>▶ Increase in legally mandated local hire requirements</div></div>
S2	Diverse Housing	<div><div>▶ Protection of existing housing</div><div>▶ Protection plus addition of new housing</div><div>▶ Increase in affordable housing</div></div>
S3	Mobility	<div><div>▶ Increase in active transportation pathways (bike and ped)</div><div>▶ Increase in amount of multi-modal hubs</div><div>▶ Improved access neighborhood-to-shoreline access</div></div>
S4	Public Health	<div><div>▶ Increase in land available for community gardens and urban agricultures</div><div>▶ Improvement in air quality</div><div>▶ Improvement in water quality</div></div>
Environmental		
E1	Flood Resilience	<div><div>▶ Increase in built area protected from flooding</div></div>
E2	Parks, Open Space and Green Infrastructure	<div><div>▶ Increase In parks and open space</div><div>▶ Increase in tree canopy coverage</div></div>
E3	Water Quality	<div><div>▶ Decreased exposure of pollutant sources to flood water</div></div>
E4	Air Quality and Greenhouse Gas Emissions	<div><div>▶ Increase in trea canopy coverage</div><div>▶ Decrease in airborne pollutant source</div></div>
E5	Connected and Protected Habitat	<div><div>▶ Increase in habitat protected</div><div>▶ Increase in estuary habitat</div></div>
Economic		
F1	Economic Risk and Impact	<div><div>▶ Decreased exposure of homes, businesses, jobs, and infrastructures to flooding</div></div>
F2	Community Benefits	<div><div>▶ Presence of public benefits zoning</div></div>



# Community Investment Decision Making Tool

Before:



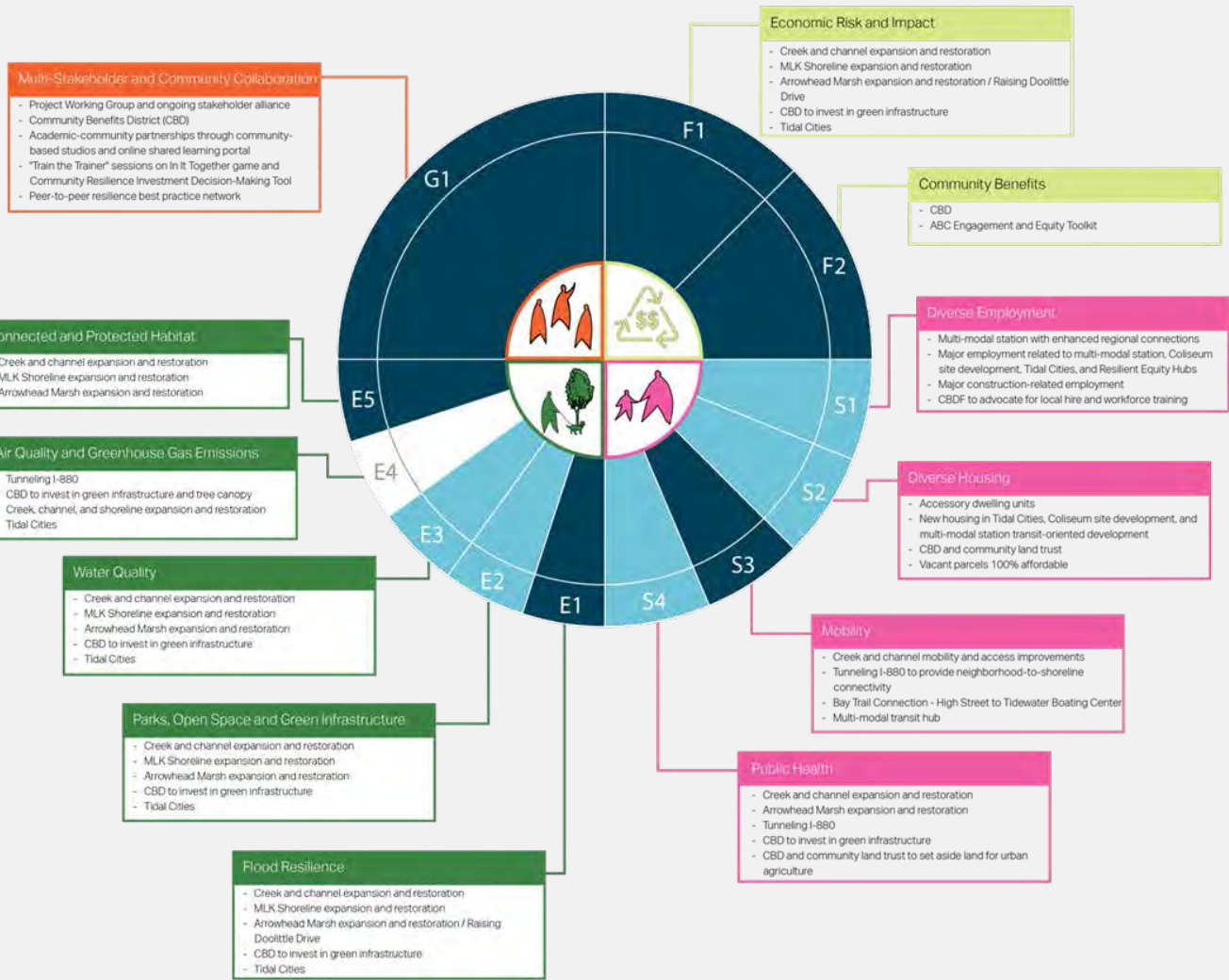
Current and Proposed Plans:



Legend

- Significantly Positive (++)
- Positive (+)
- Neutral
- Negative (-)
- Significantly Negative (--)

ABC:





**The Estuary Commons**

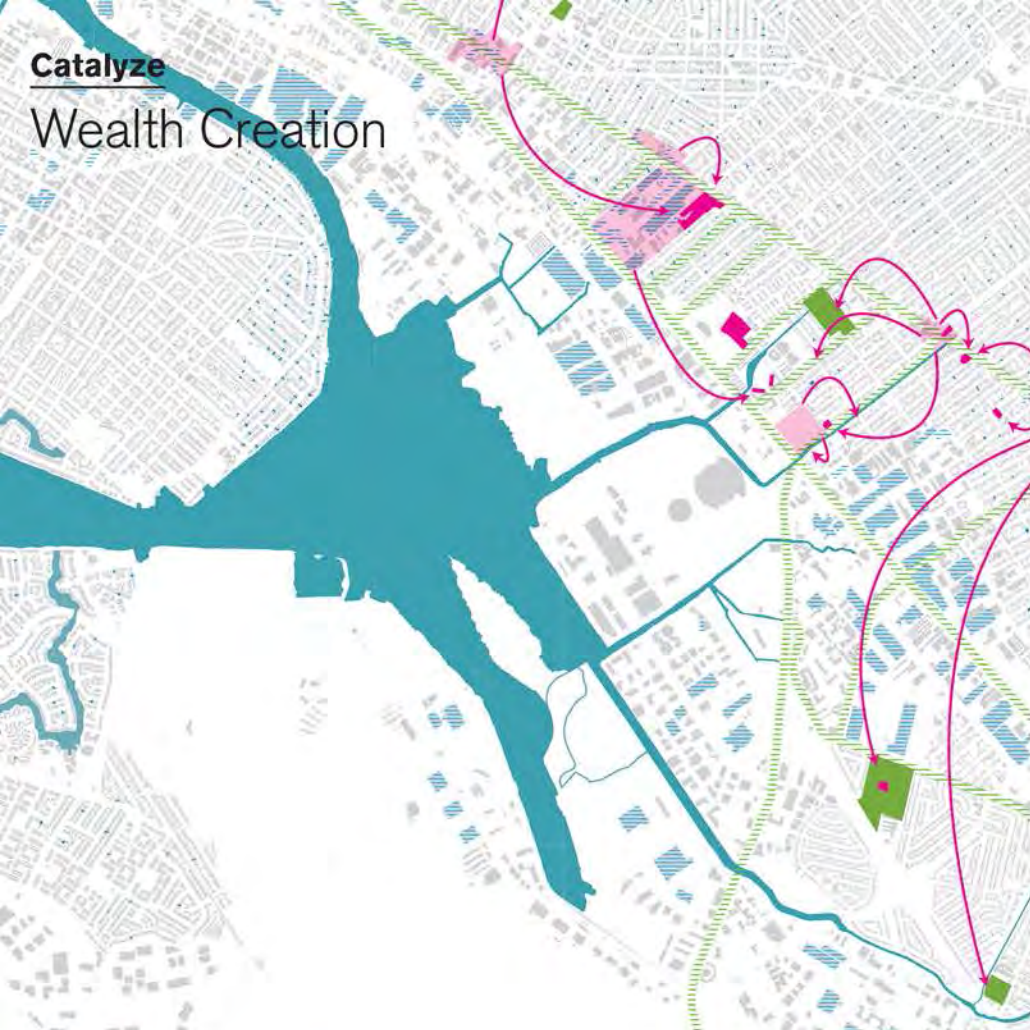
The Commons





Catalyze

Wealth Creation



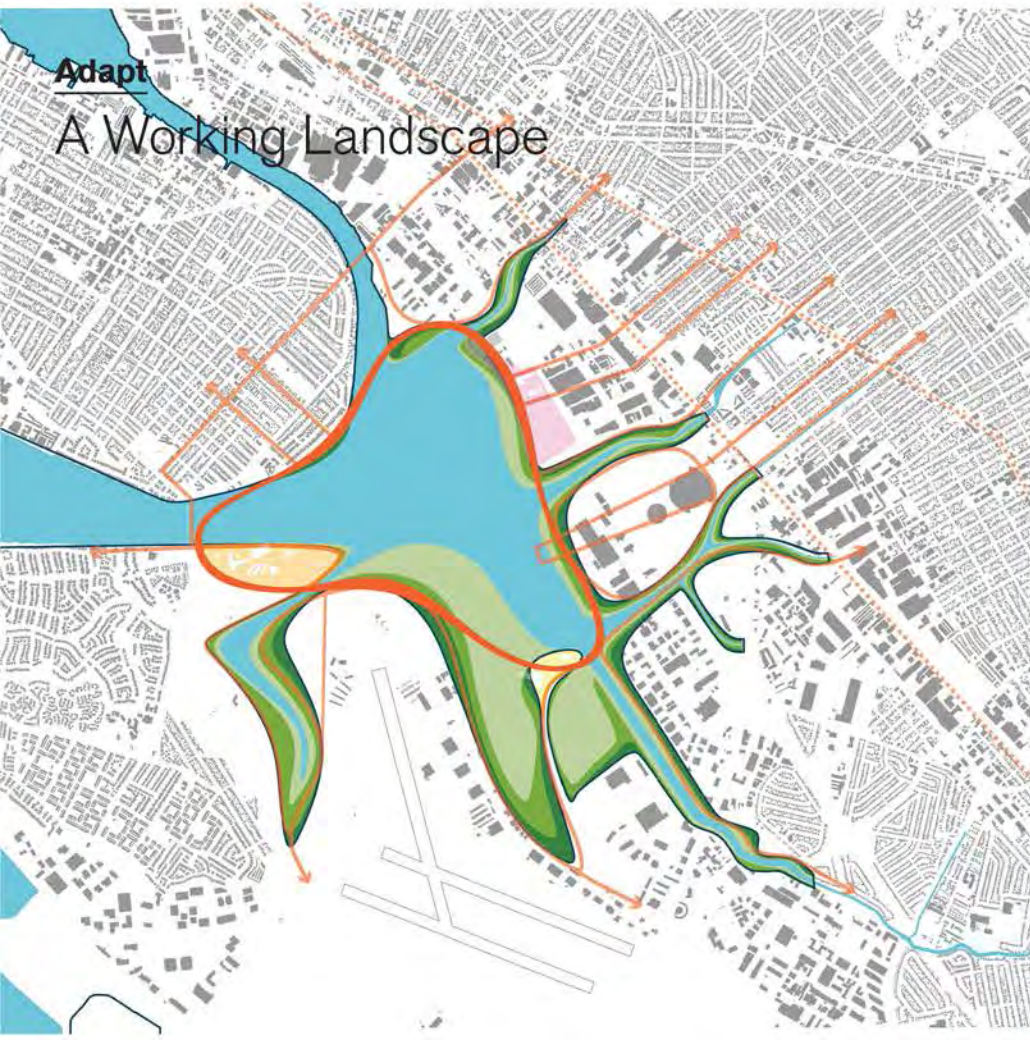
Catalyze

Wealth Creation



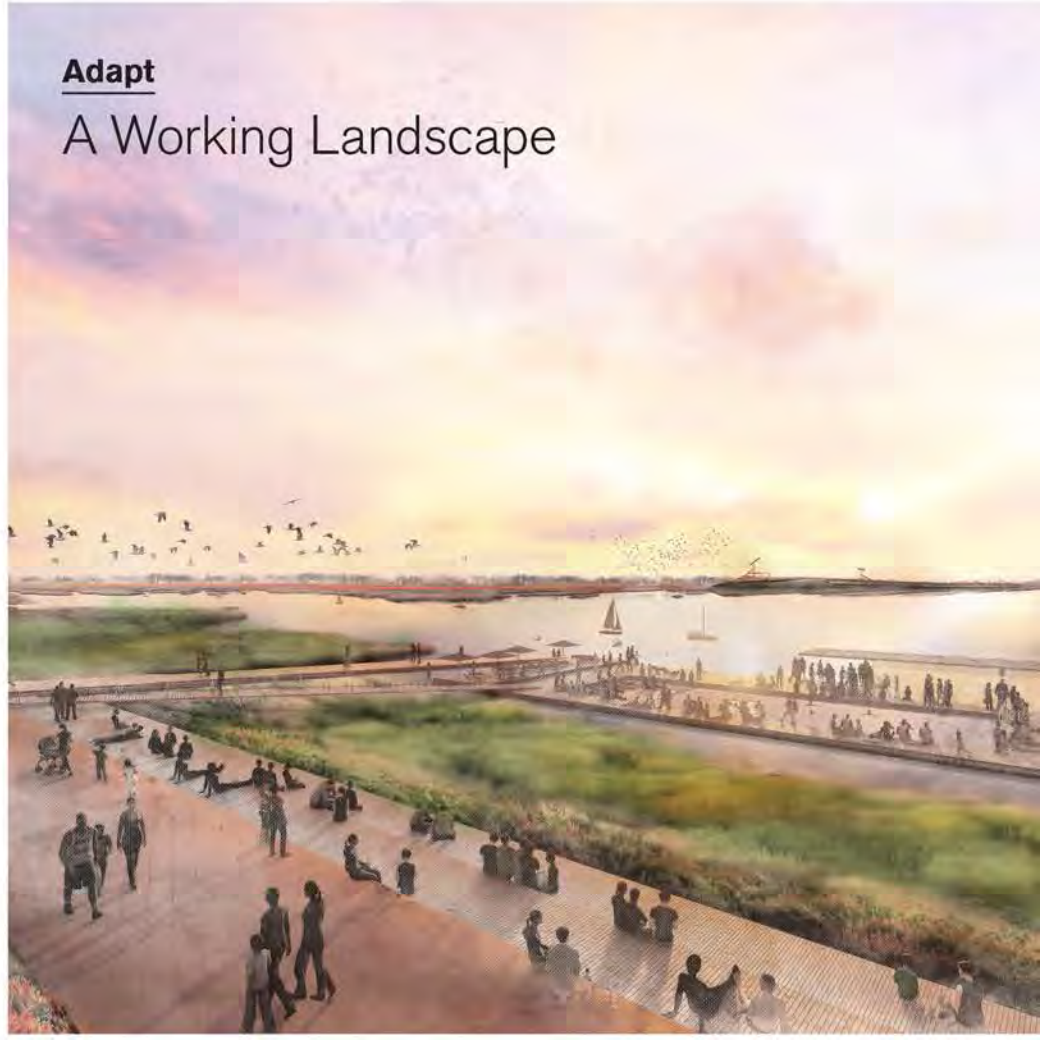
Adapt

A Working Landscape



Adapt

A Working Landscape





Stitch

Reconnect neighborhoods



Stitch

Reconnect neighborhoods



Prosper

Tidal Cities

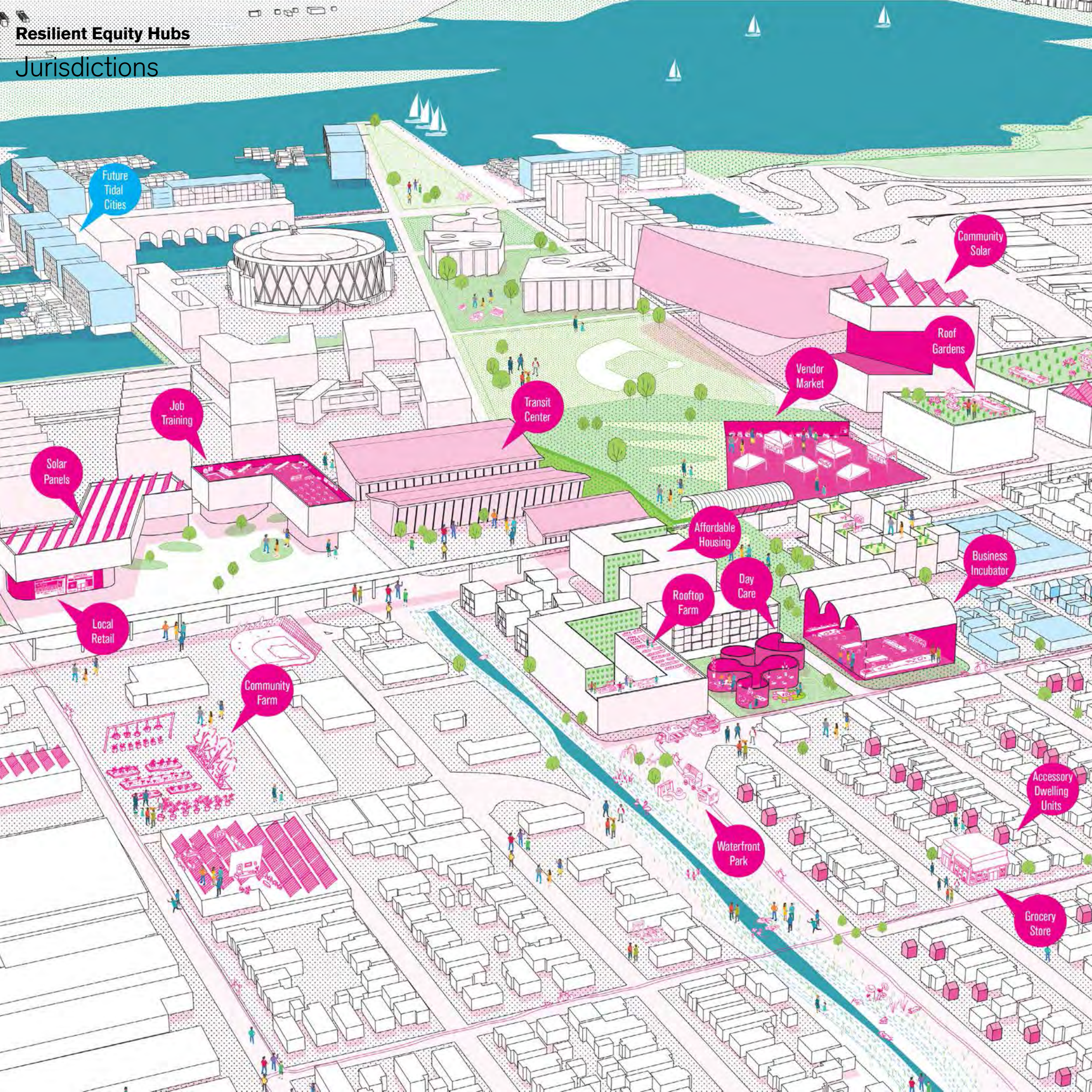


Prosper

Tidal Cities







Future  
Tidal  
Cities

Community  
Solar

Roof  
Gardens

Vendor  
Market

Transit  
Center

Job  
Training

Solar  
Panels

Affordable  
Housing

Business  
Incubator

Day  
Care

Rooftop  
Farm

Local  
Retail

Community  
Farm

Accessory  
Dwelling  
Units

Waterfront  
Park

Grocery  
Store



**Resilient Equity Hubs**

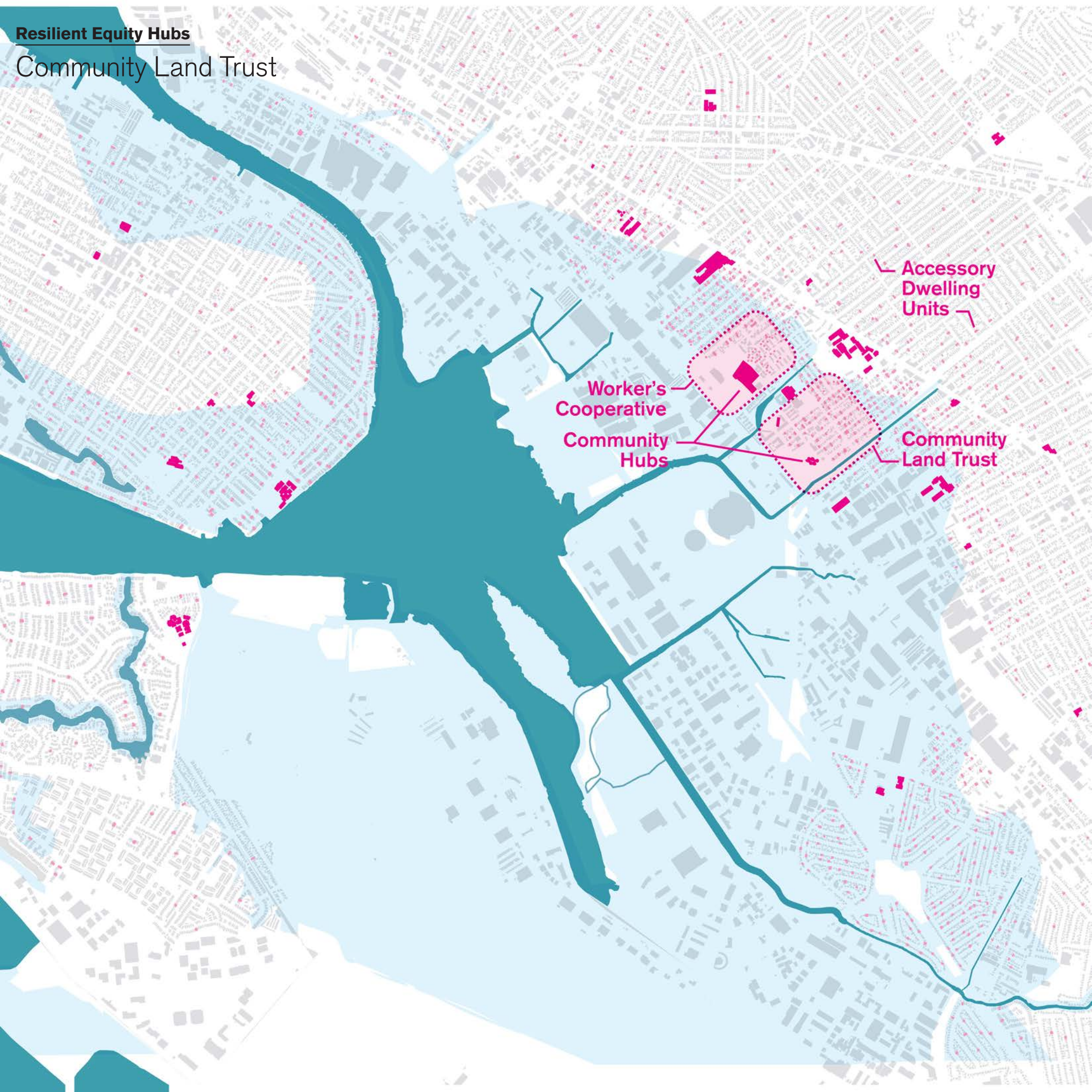
Value Capture





**Resilient Equity Hubs**

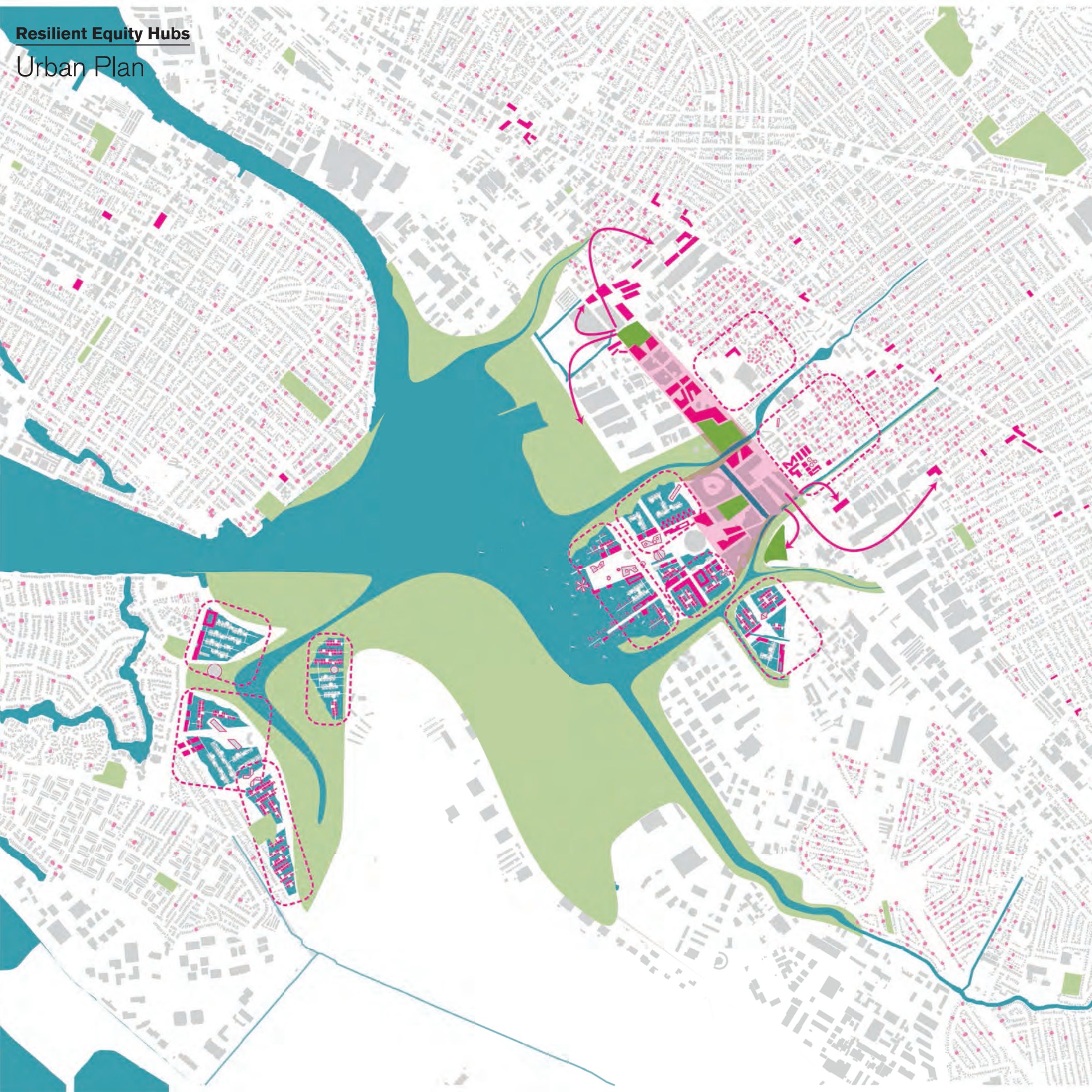
Community Land Trust





**Resilient Equity Hubs**

Urban Plan





**Resilient Equity Hubs**  
Social Infrastructure







# The East Oakland Collective

A membership cohort of millennials+ invested in the state of deep East Oakland.





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# Mission



The East Oakland Collective (EOC) is a member-based community organizing group invested in serving the communities of deep East Oakland by working towards racial and economic equity. With programming in civic engagement and leadership, economic empowerment and homeless services and solutions, we help amplify underserved communities from the ground up. We are committed to driving impact in the landscape, politics and economic climate of deep East Oakland.



# Who We Are & Serve



**Black border** = deep East Oakland.



# Community Assets



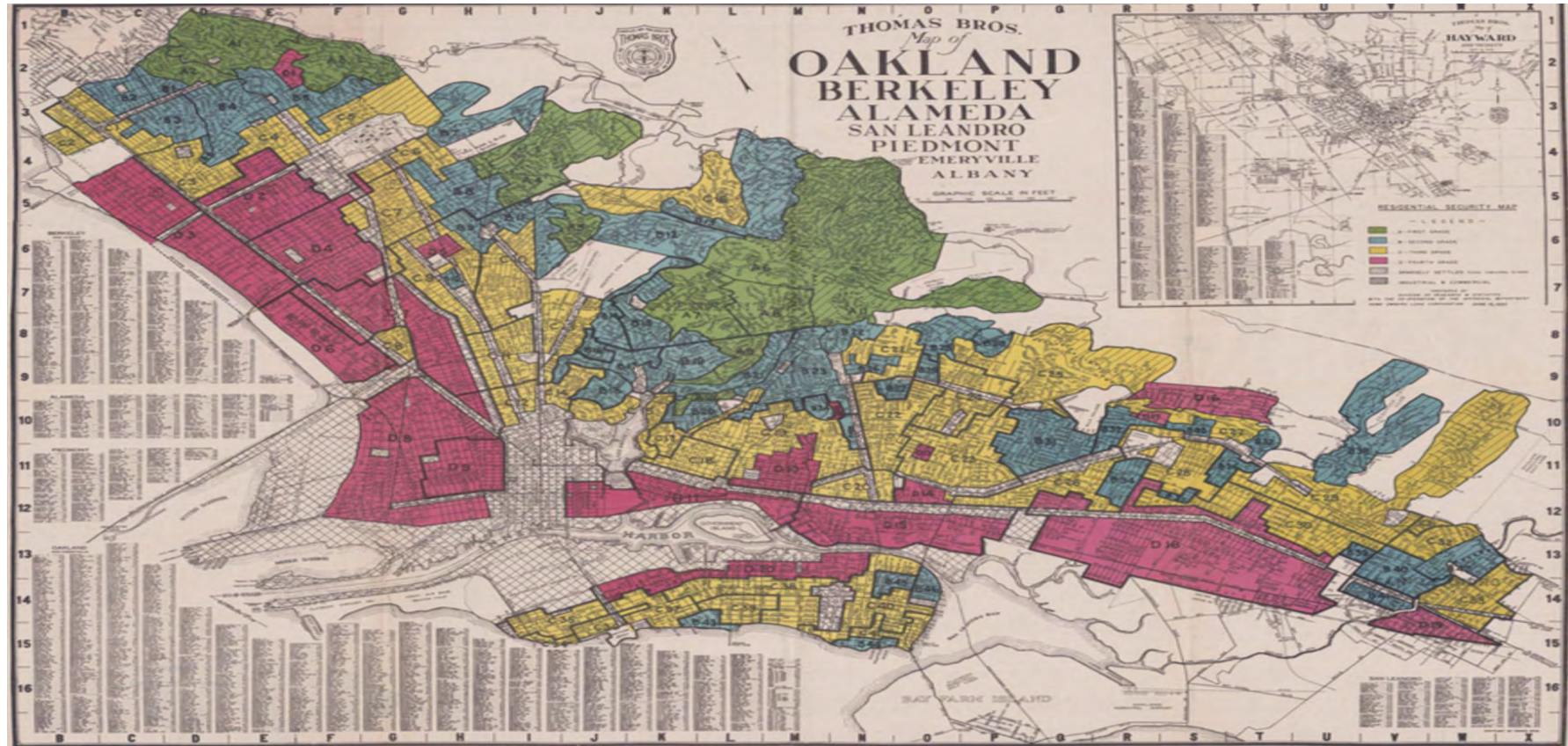


# Community Assets





# Communities





# Civic Engagement & Leadership

- Campaign for Age, Race and District Diversity on City of Oakland Boards and Commissions
- City of Oakland Bike Plan Update Community Workshops
- Partner with [East Oakland Neighborhoods Initiative \(EONI\)](#)





# Economic Empowerment

- East Oakland SuSu Lending Circle Program
- Partner with [East Oakland Black Cultural Zone Collaborative](#)





# Homeless Services & Solutions

- [Feed the Hood](#)
- Homeless Rapid Response Team (HRRT) Deep East Oakland
- Partner with Housing and Dignity Project
- Member of Homeless Advocacy Working Group (HAWG)







# Collaborations & Partnerships Toward Resilience Planning







**RESILIENT**

**BAY AREA CHALLENGE**

**BY**

**DESIGN**





# RbD challenge: Stakeholder Engagement





# Following the RbD challenge: Research



- University of California, Berkeley - Kristina Hill
- California College of the Arts - Janette Kim







# The East Oakland Neighborhood Initiative

Health

Wealth

Stability



*Kick off funding providing by the CA Strategic Growth Council*

*Transformative Climate Communities Planning Grant \$180K*



# Who are we?



**Oakland  
Climate  
Action  
Coalition**



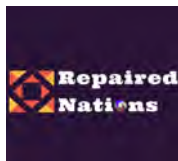
SCRAPER BIKES®  
SCRAPERBIKETEAM.ORG



**Sobranite Park Resident  
Action Council**  
Neighbors Helping Neighbors

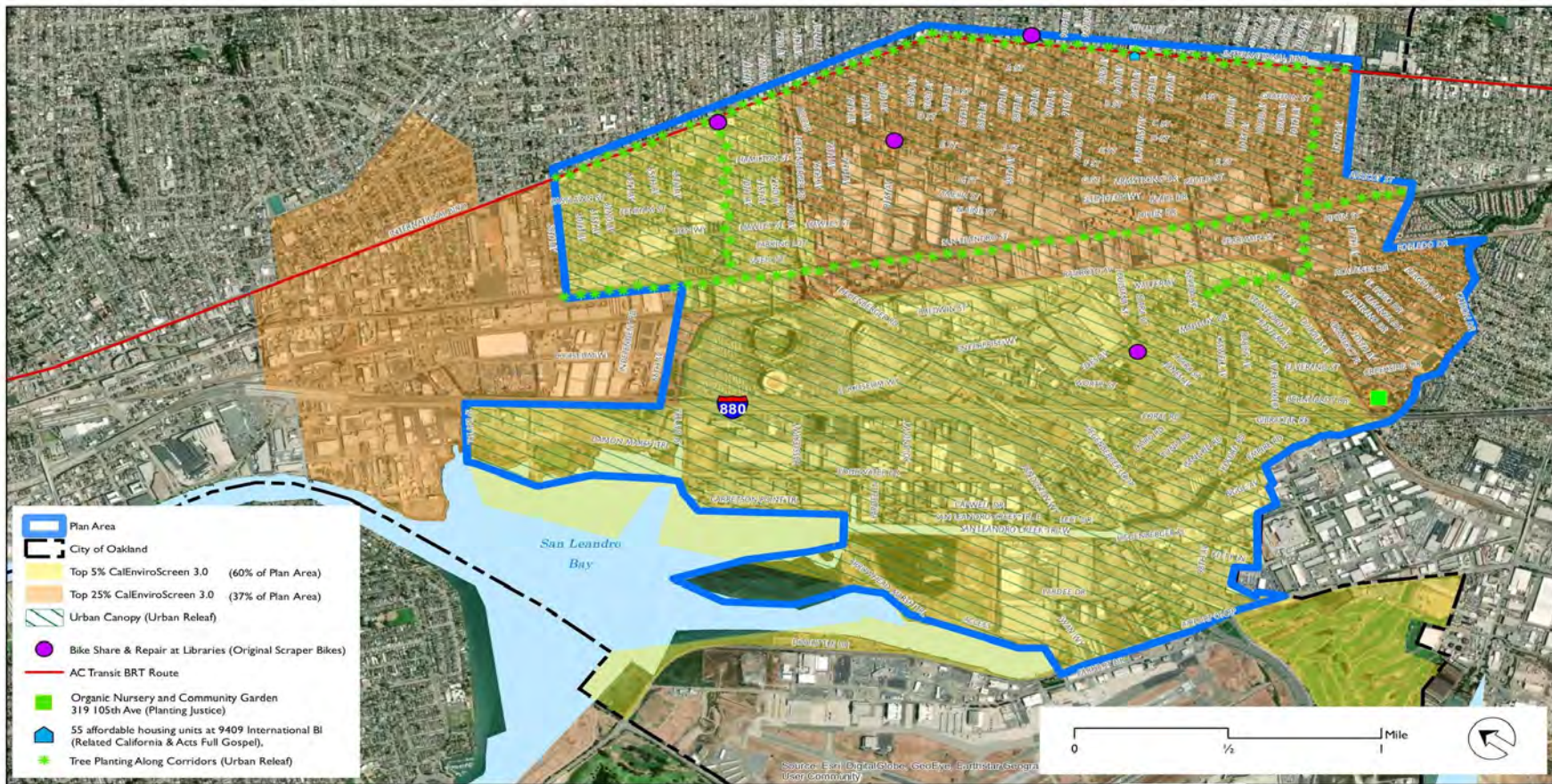


**Sustainable  
Economies  
Law Center**





# EONI PLAN BOUNDARIES





# Purpose

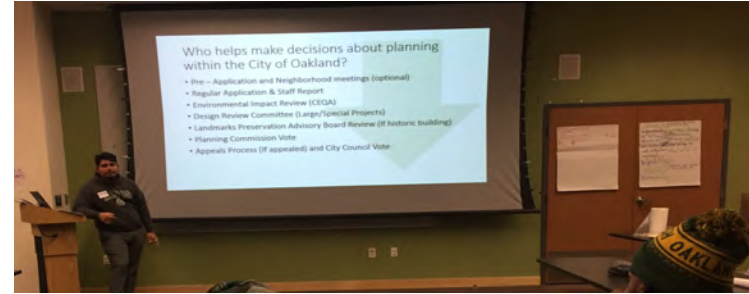
Create a community plan outlining neighborhood specific projects that promote a Healthier, More Wealthier, and More Stable East Oakland

1. Reduce Greenhouse Gas Emissions & Build Resilience to Climate Impacts
2. Improve Public Health
3. Build Economic Empowerment
4. Prevent Displacement in Plan Implementation
5. Ensure East Oakland Residents Lead & Benefit from Plans & Projects





# Building Capacity: Resident Leadership Cohort





# Community Engagement Approach & Neighborhood Meetings Structure



**EONI Kick Off - Nov 2018**  
**18 Neighborhood Meetings -**  
**Dec 2018/June 2019**  
**Final Convening - July 2019**  
**Plan Review - Aug 2019**  
**Plan Released - Sept 2019**



# Community Engagement Approach & Neighborhood Meetings Structure

Our original approach was to have 18 total traditional neighborhood meetings. The below three series meeting would be replicated in each of the six neighborhoods. Slightly varying in topics based on what's happening in that neighborhood.



Visioning &  
Asset Mapping  
Meeting #1



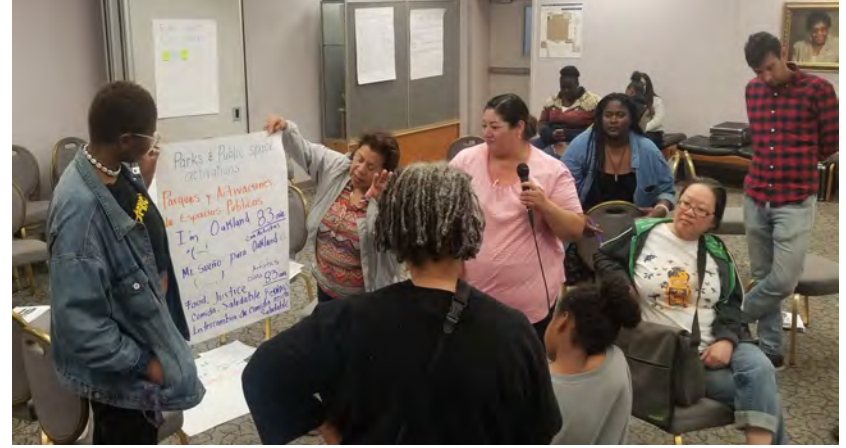
Opportunities  
Meeting #2



Project, Policy, and  
Program Prioritization  
Meeting #3



# Meetings #1 and #2





# Pivot from Traditional Neighborhood Meetings to Neighborhood Pop Ups





# The Black Cultural Zone







# Mission

To **innovate**, **incubate**, **inform** and **elevate** community driven projects that allow our people and culture to THRIVE.

Definition of thrive

1. to grow vigorously: FLOURISH
2. to gain in wealth or possessions : PROSPER
3. to PROGRESS toward or realize a goal despite or because of circumstances



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# The BCZ Hub & East Oakland Community Development Corporation







EAST OAKLAND

**COMMUNITY BASED  
TRANSPORTATION PLAN**



A map of the East Oakland area, with the project area highlighted in yellow. The map shows the city of Oakland to the east and Alameda to the west, separated by the San Francisco Bay. Major roads like International Boulevard, Seminary Avenue, and MacArthur Boulevard are visible. The project area is bounded by International Boulevard to the north, Hegenberger Road to the west, and the city limits to the south and east. The text "EAST OAKLAND CBTP PROJECT AREA" is overlaid in large, bold, black letters on the left side of the map.

# EAST OAKLAND CBTP PROJECT AREA





# OUTCOME STATEMENT

*All East Oaklanders have access to, and choices within, a local and regional transportation system that is safe, efficient, and affordable, and connects them to the places they need to thrive. The City will partner with local residents, community groups, and small businesses to minimize displacement and gentrification and acknowledge historical injustices.*



*Including:*

- *Healing as a planning framework*
- *Afro-Futurism*
- *Anti-Blackness*



# Thank You!



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