

# Alter Eco

New Ground for  
Incremental Development  
In Alameda Point











## Save Alameda

Healing Polluted Earth

Climate Resilience

Earthquake Proofing

## Start

Waterfront Pioneers

Self-Sufficiency

Community Capacity Building

Community Land Trust

## Scale

Berkeley Global Campus

2<sup>nd</sup> Transbay BART

Diversity in Housing

Public-Private Partnership



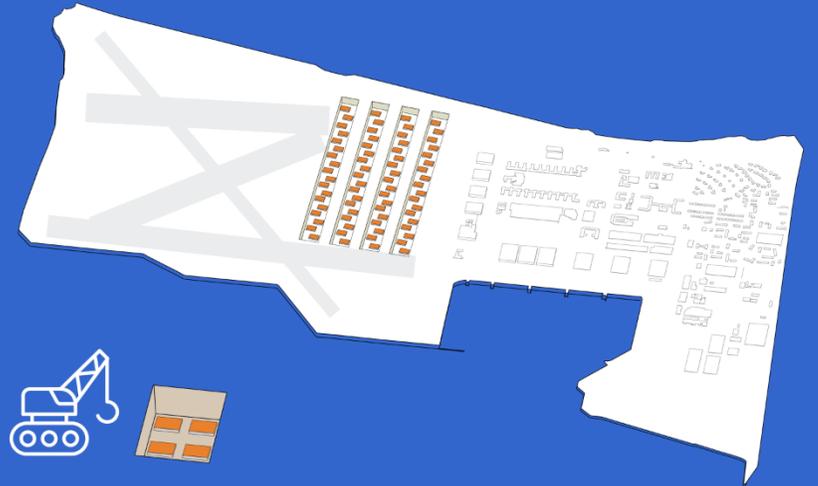


Sea Level Rise Impact. Source: Surging Seas

# Remediation + Liquefaction

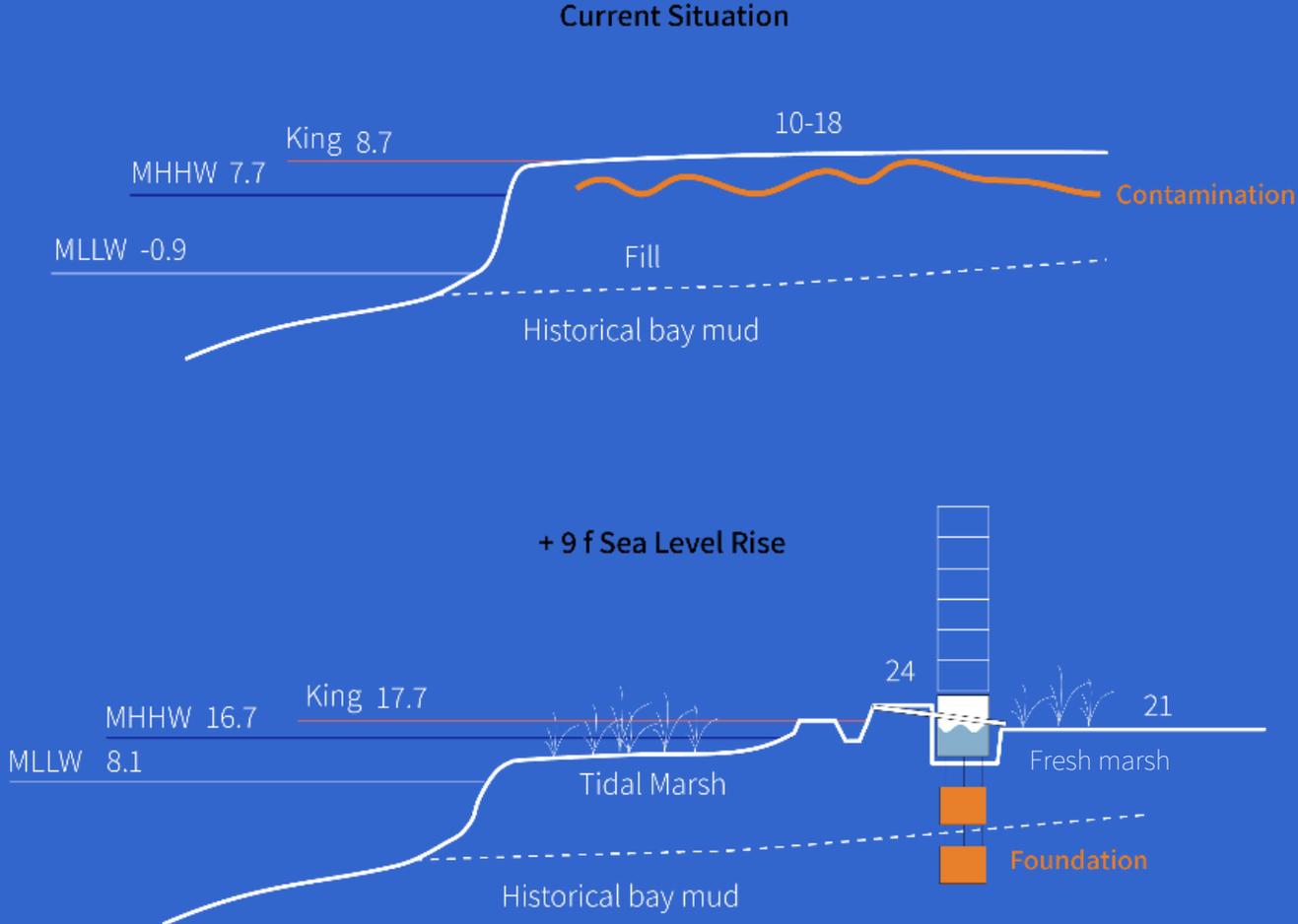


X



# Sea Level Rise Strategy

## Cut & Fill

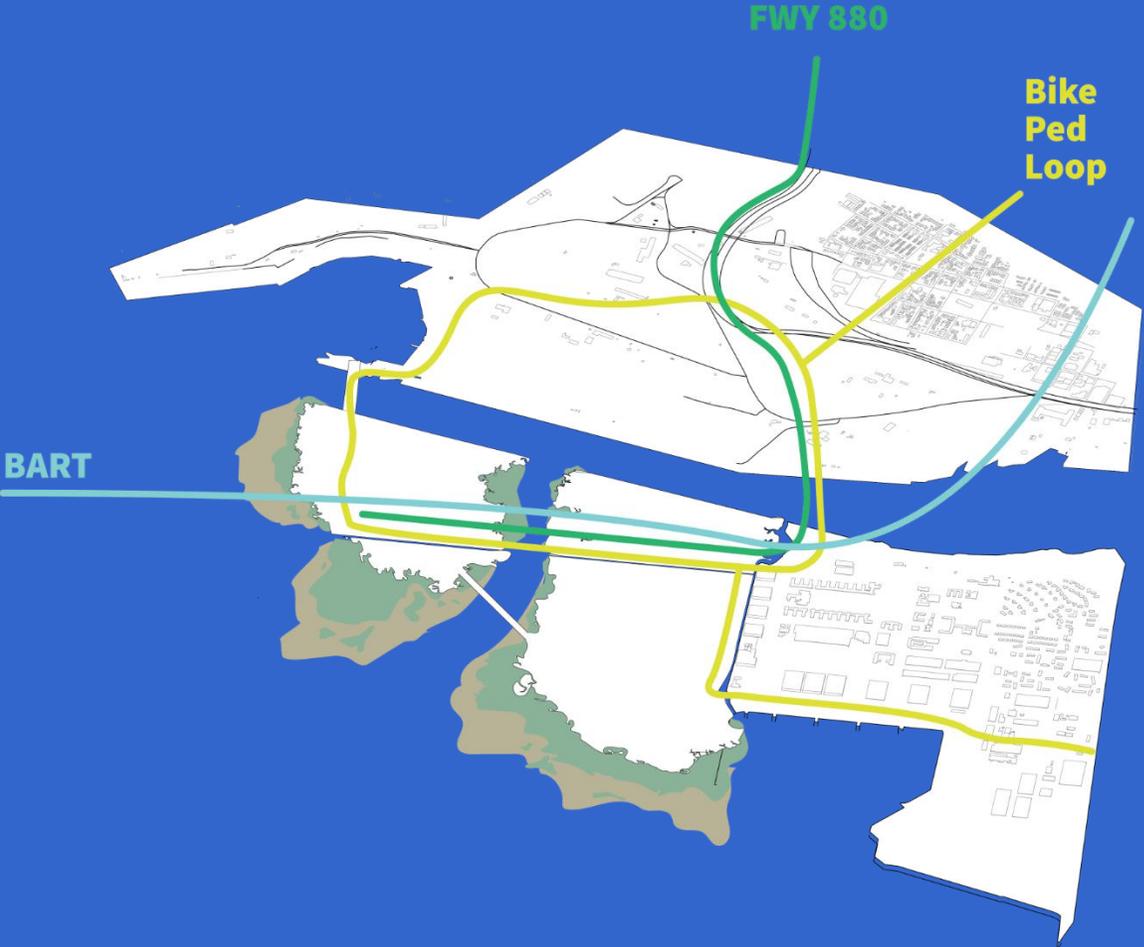


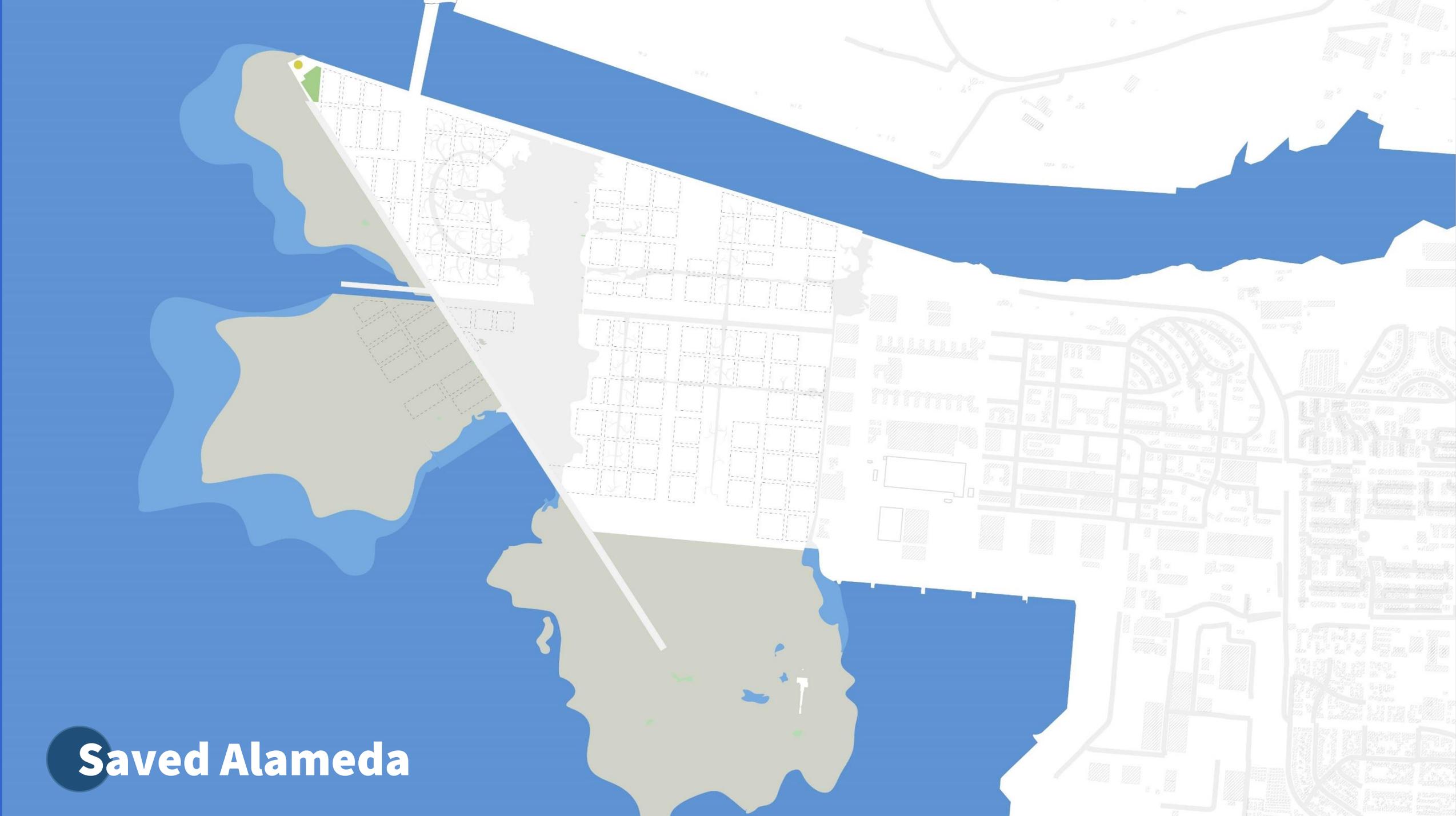
# SLR Strategy

## Cut & Fill



# Connections

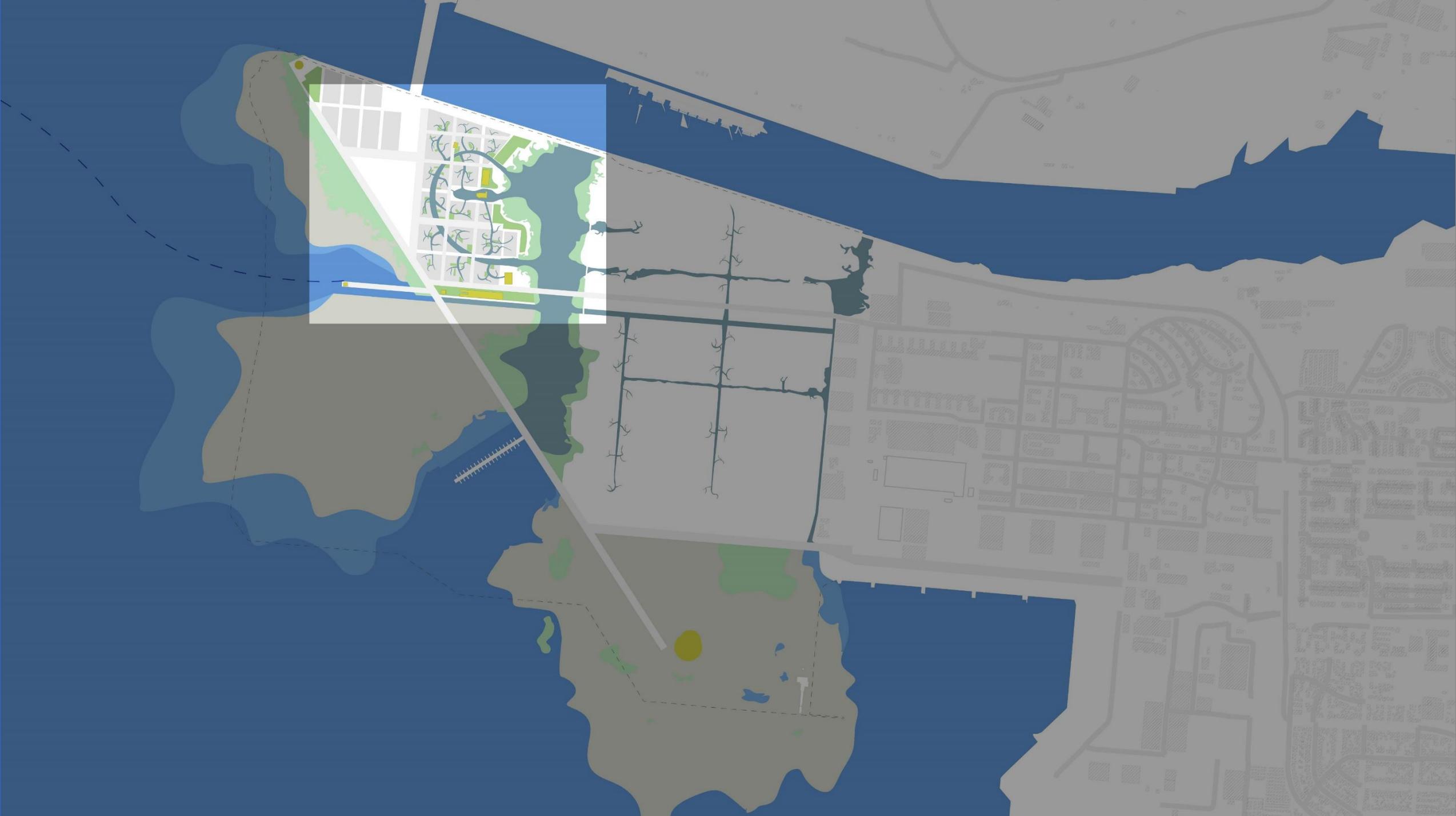


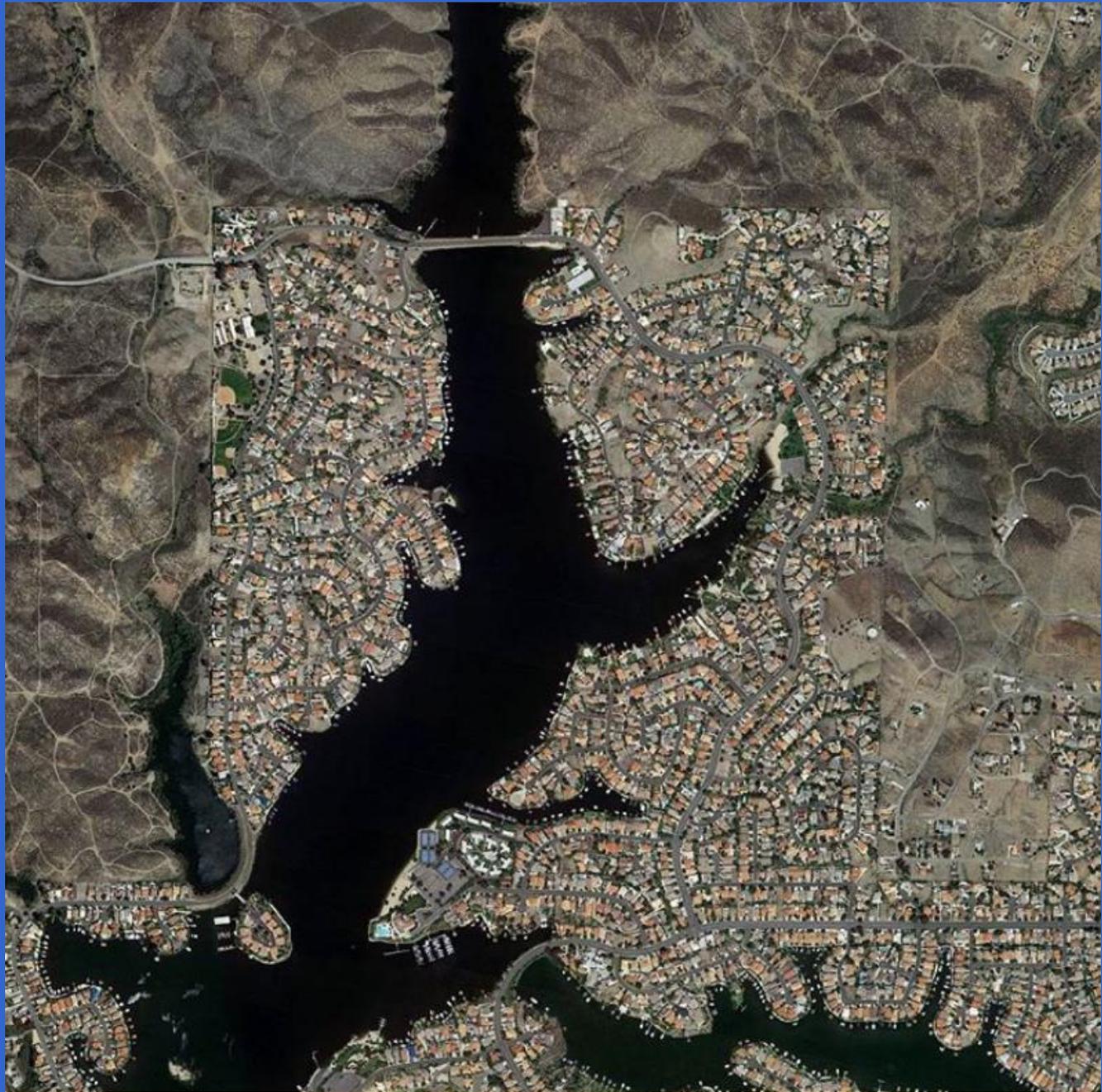


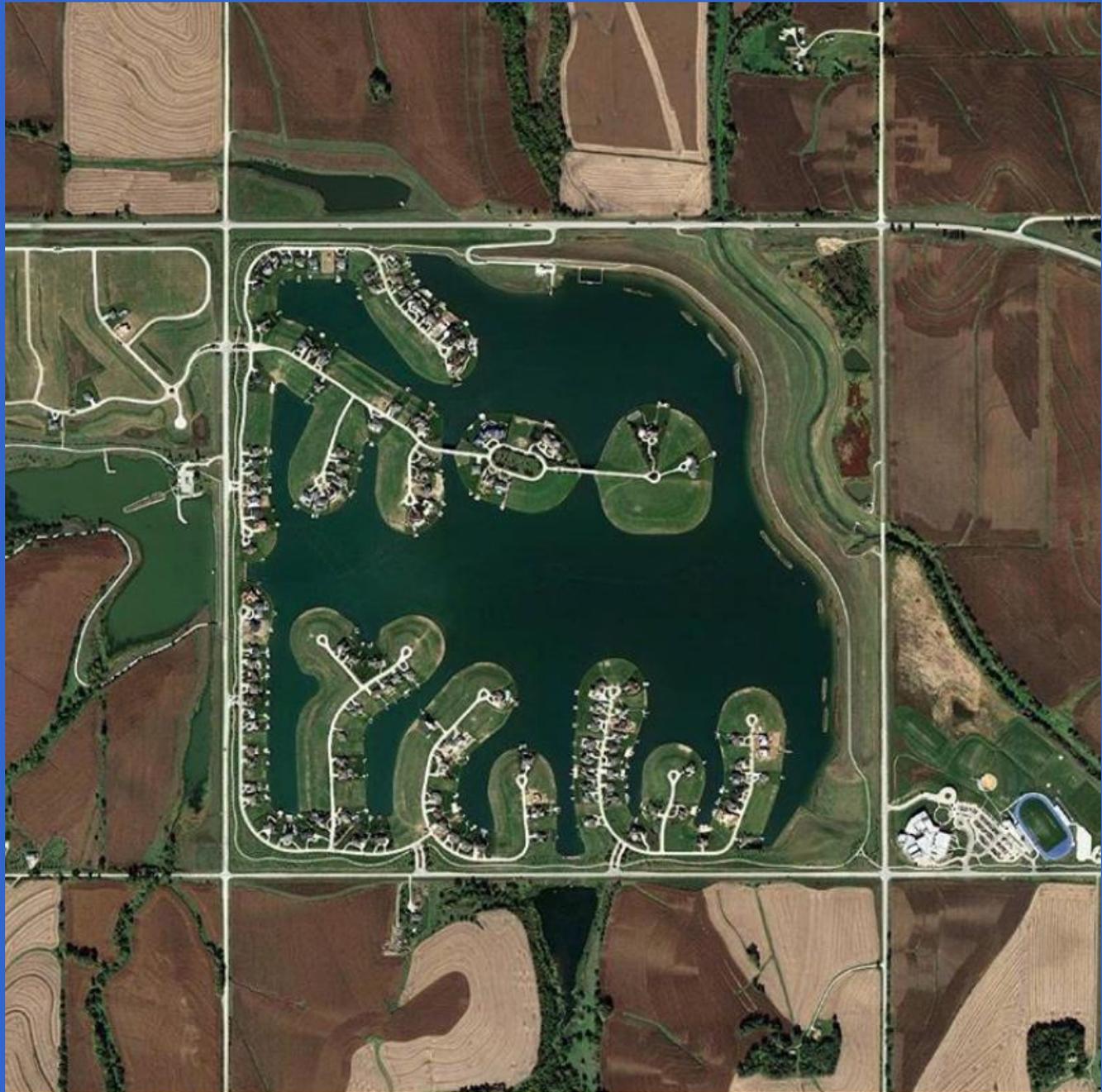
**Saved Alameda**



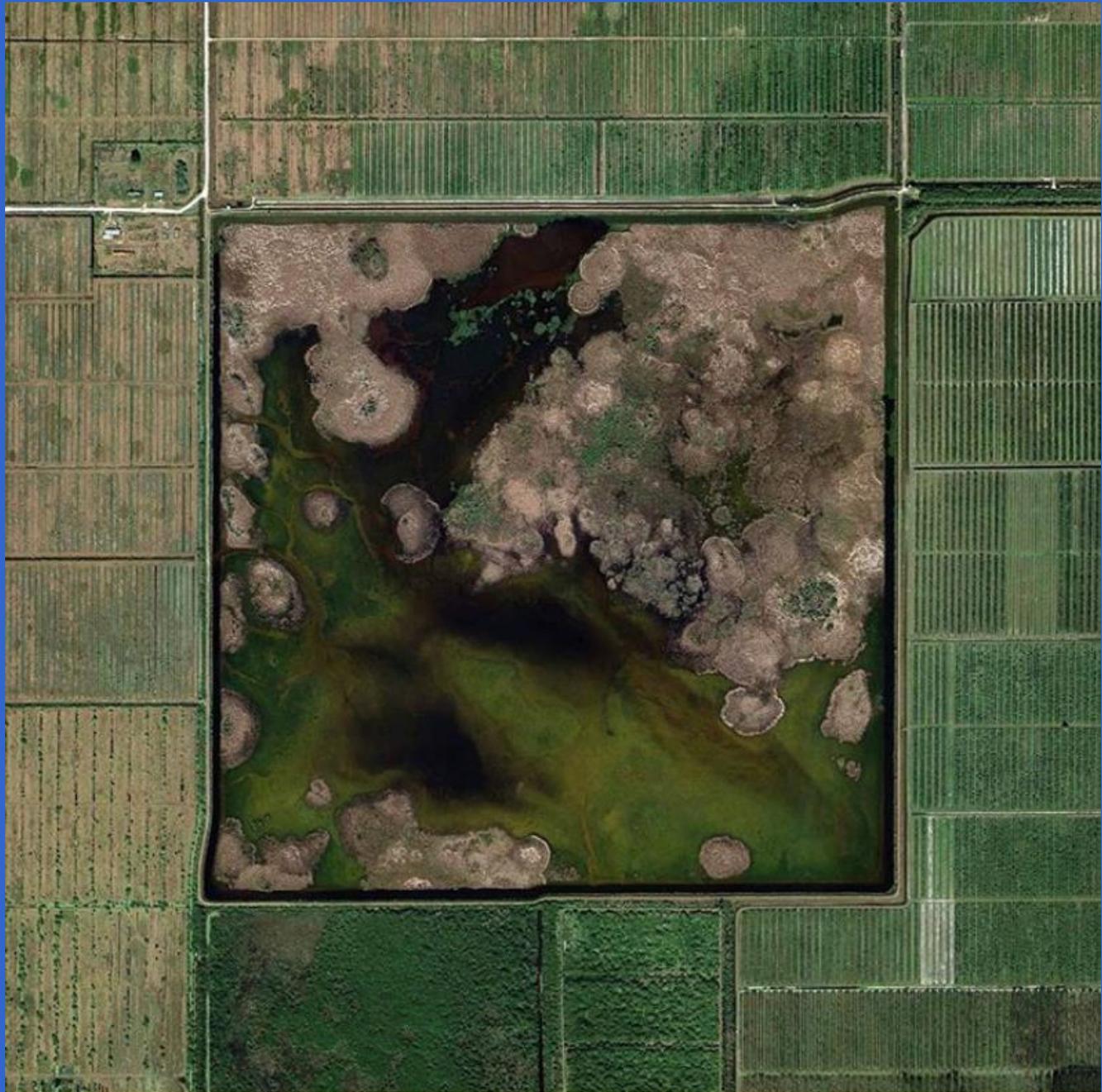
**Start**







@the.Jefferson.grid





Bo01,  
Malmö,  
Sweden

# Soul First

water system

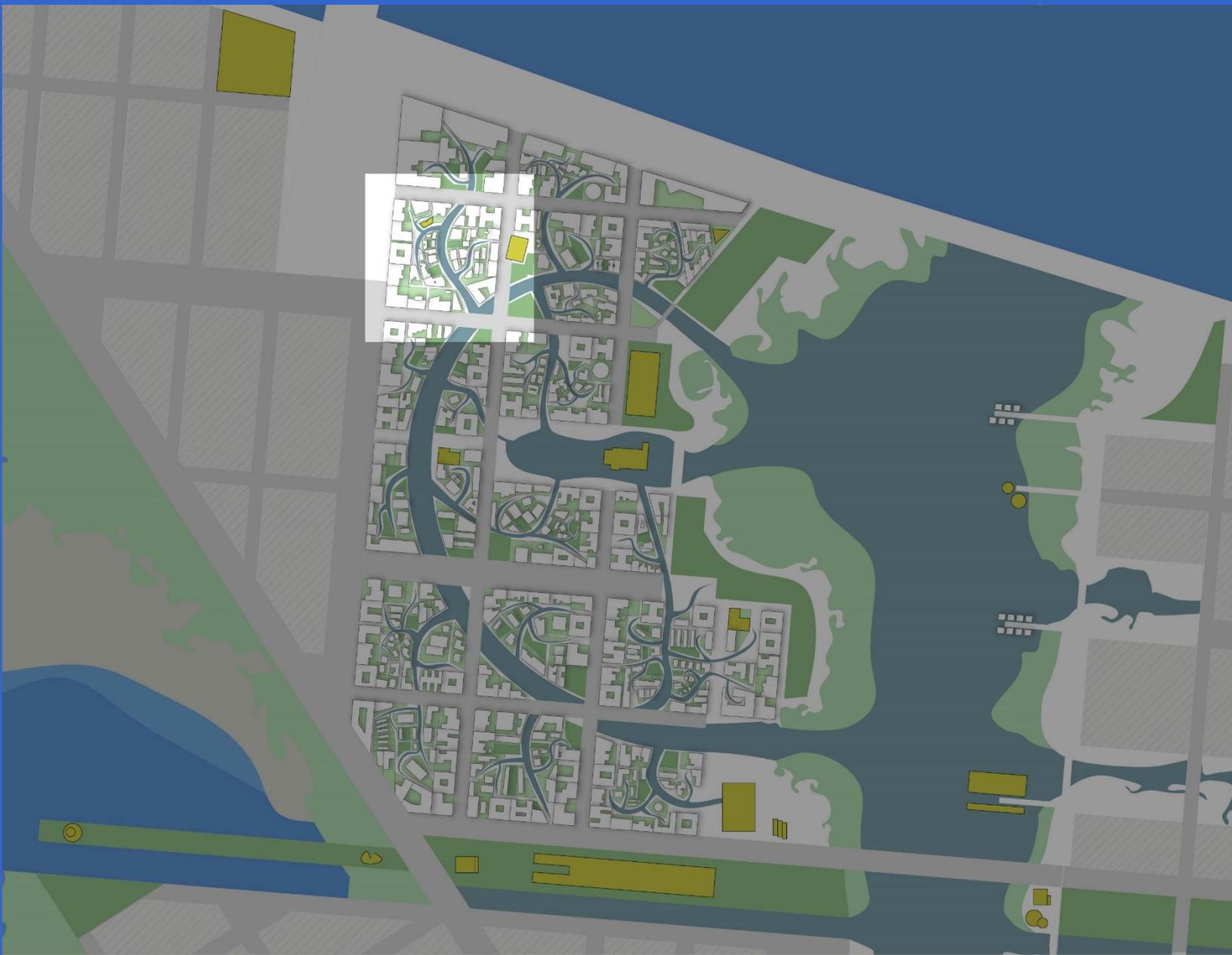
Pioneer village -  
Soul before material

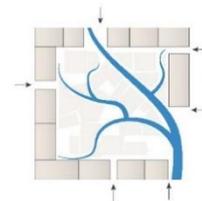
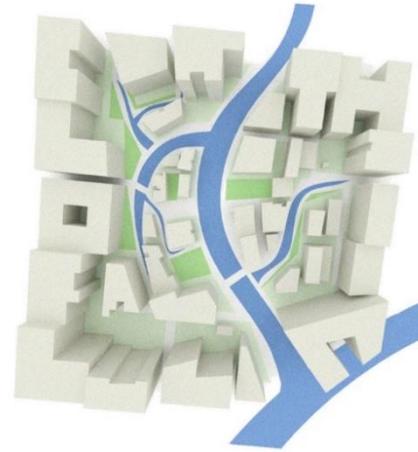
Community capacity  
building

Test ground for  
urban ecology

3500 mixed-size units



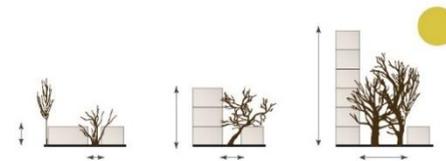




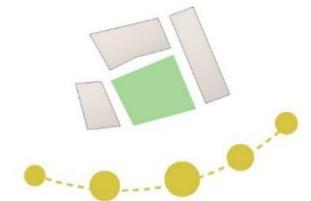
Orderly streetscape + Contained disorder



Cross ventilation in units



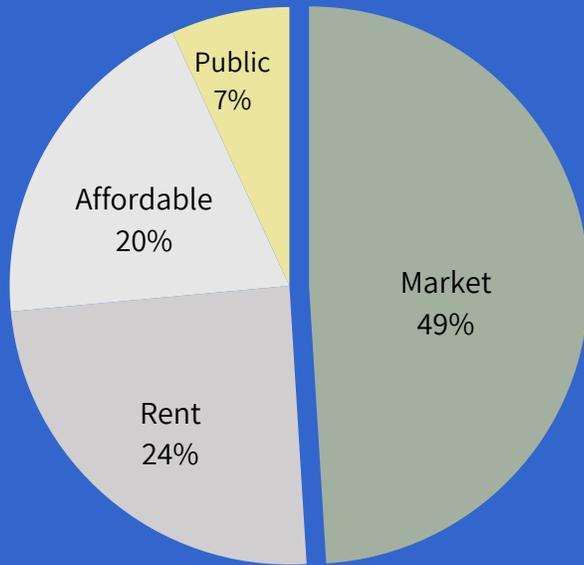
Regulated alley width / building height ratio  
max. 6 stories out, max. 3 stories in



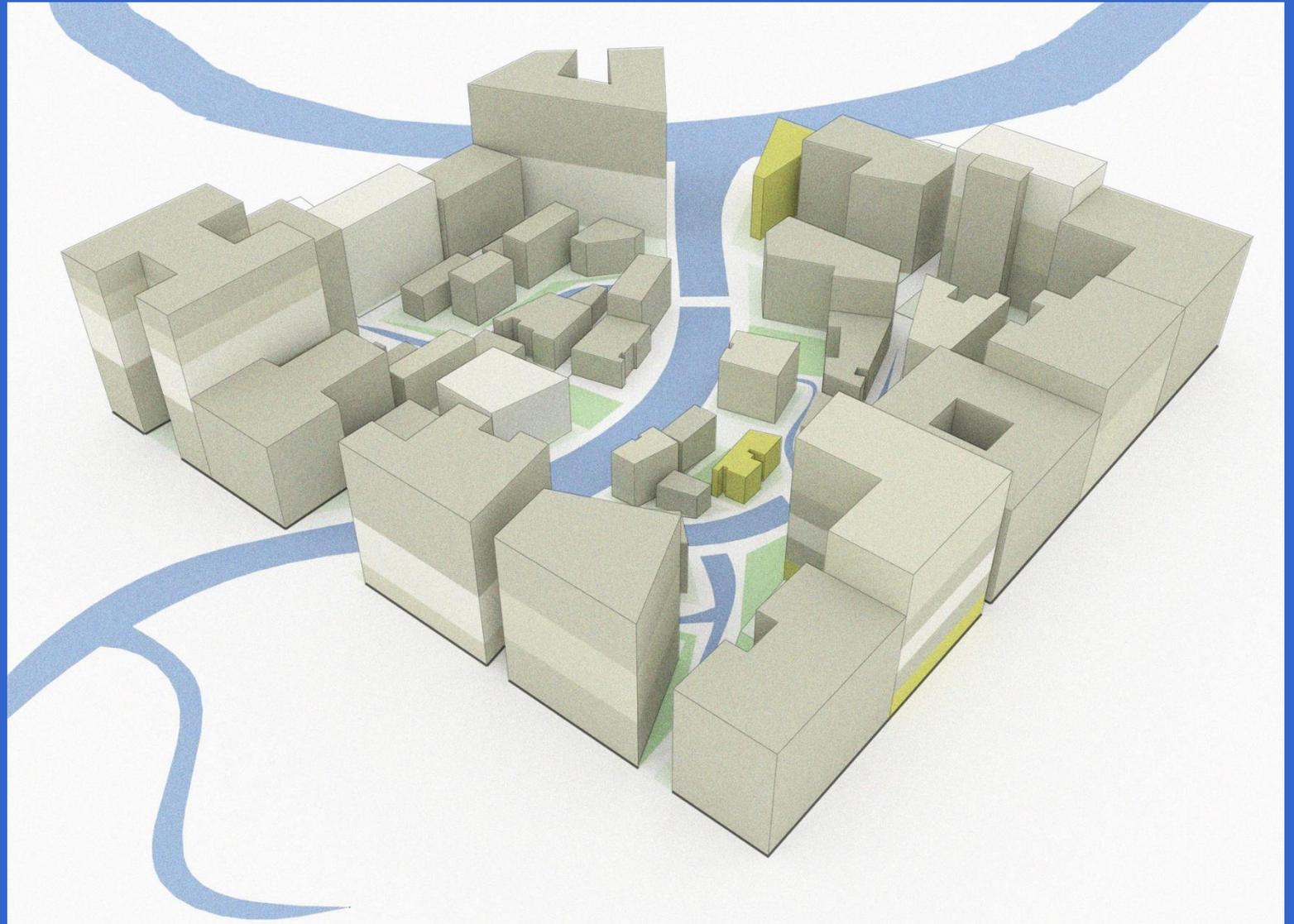
Sunny pocket gardens

# Community Ownership

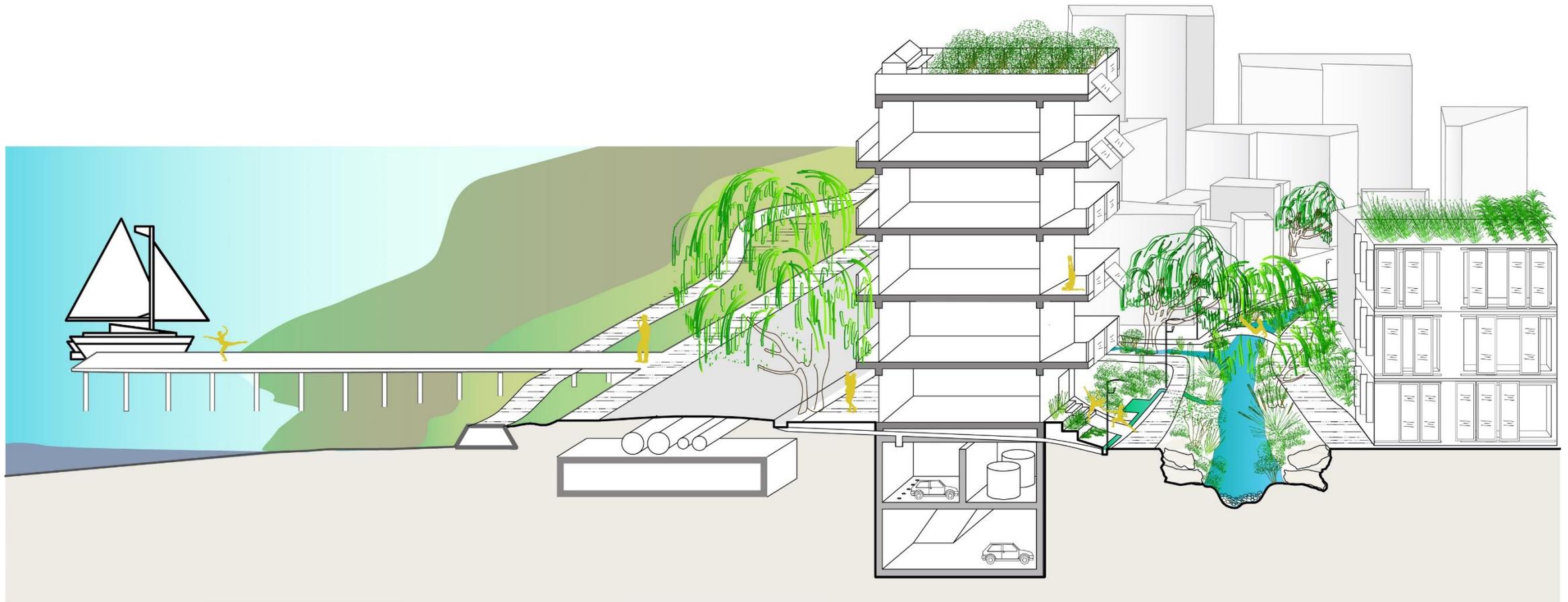
Land will be managed by  
Community Land Trusts and  
community Development NGOs.



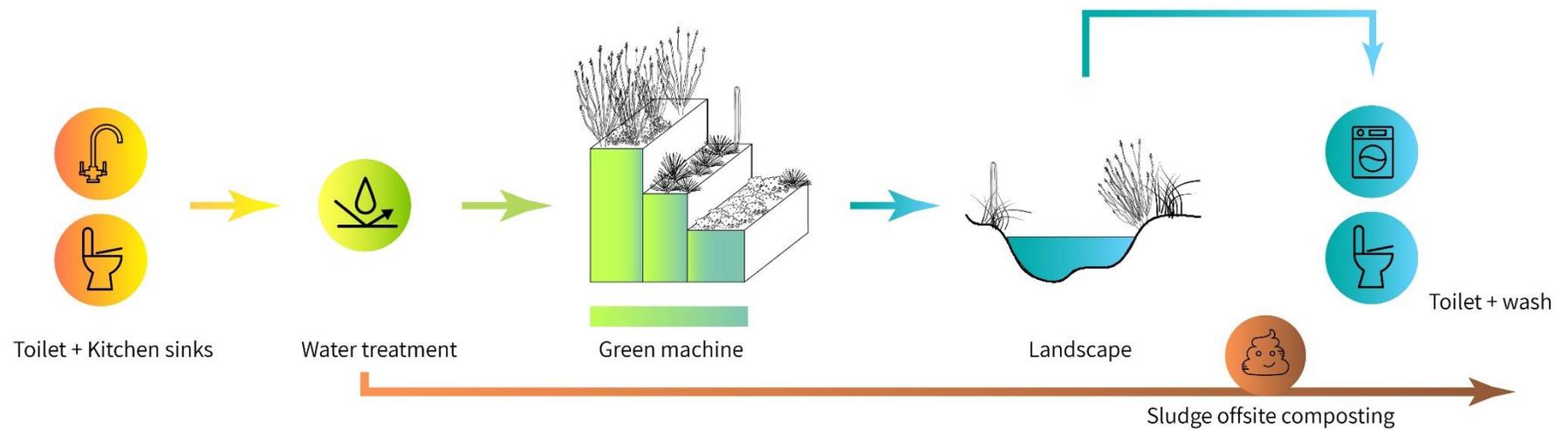
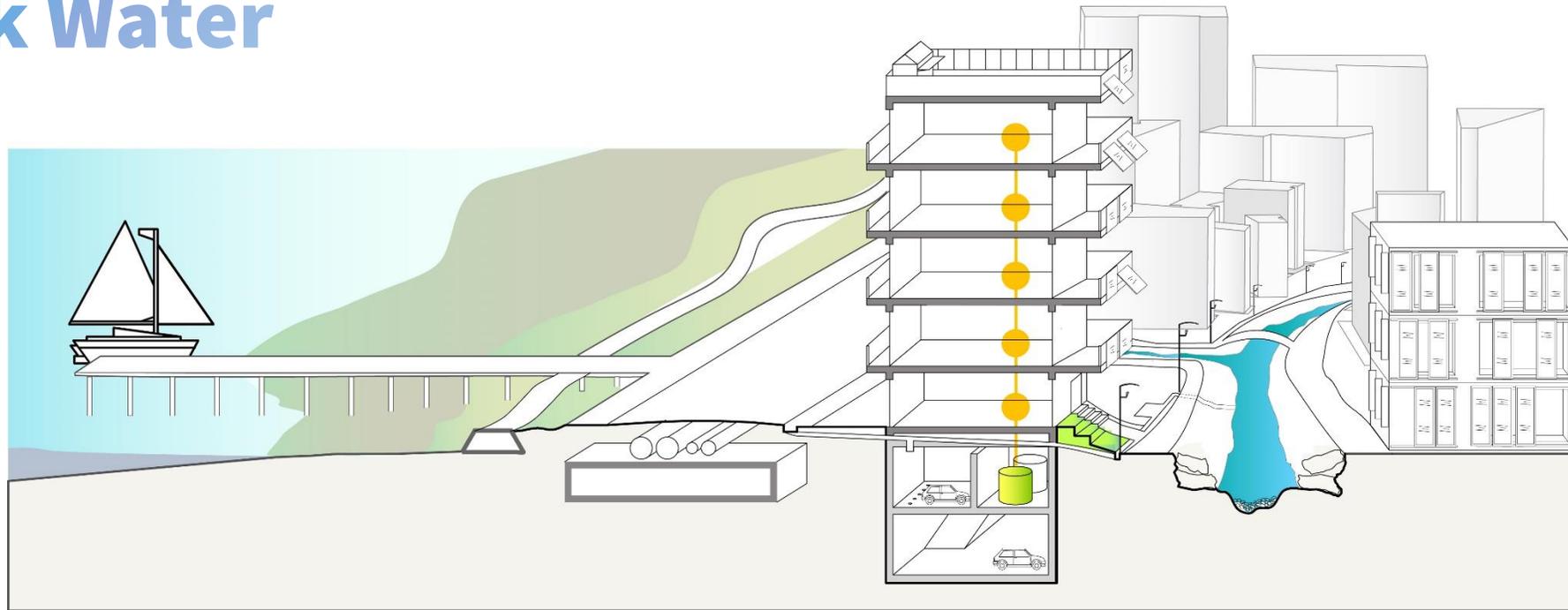
Mixed Tenure



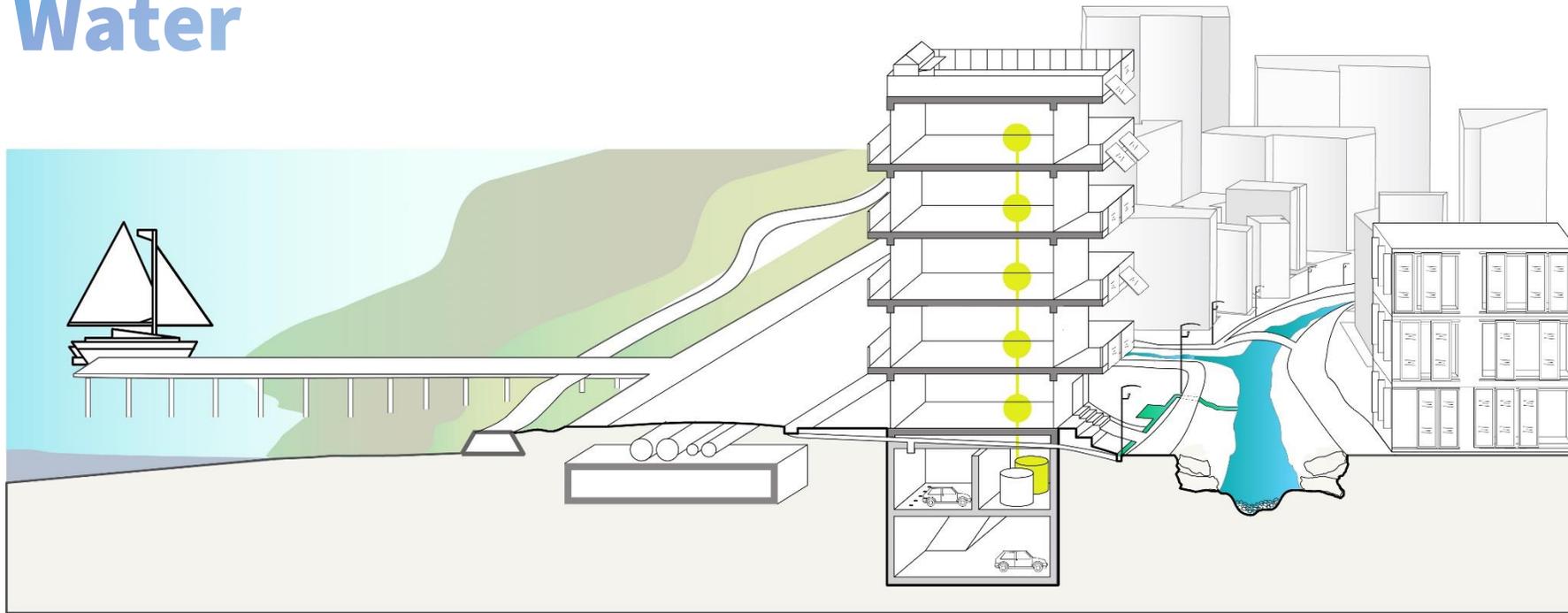
# Environmental Performance



# Black Water



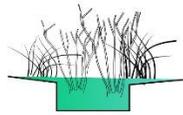
# Grey Water



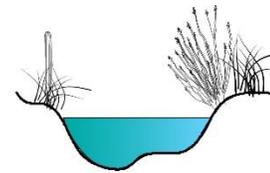
Bath + wash



Water treatment



Bio-swale

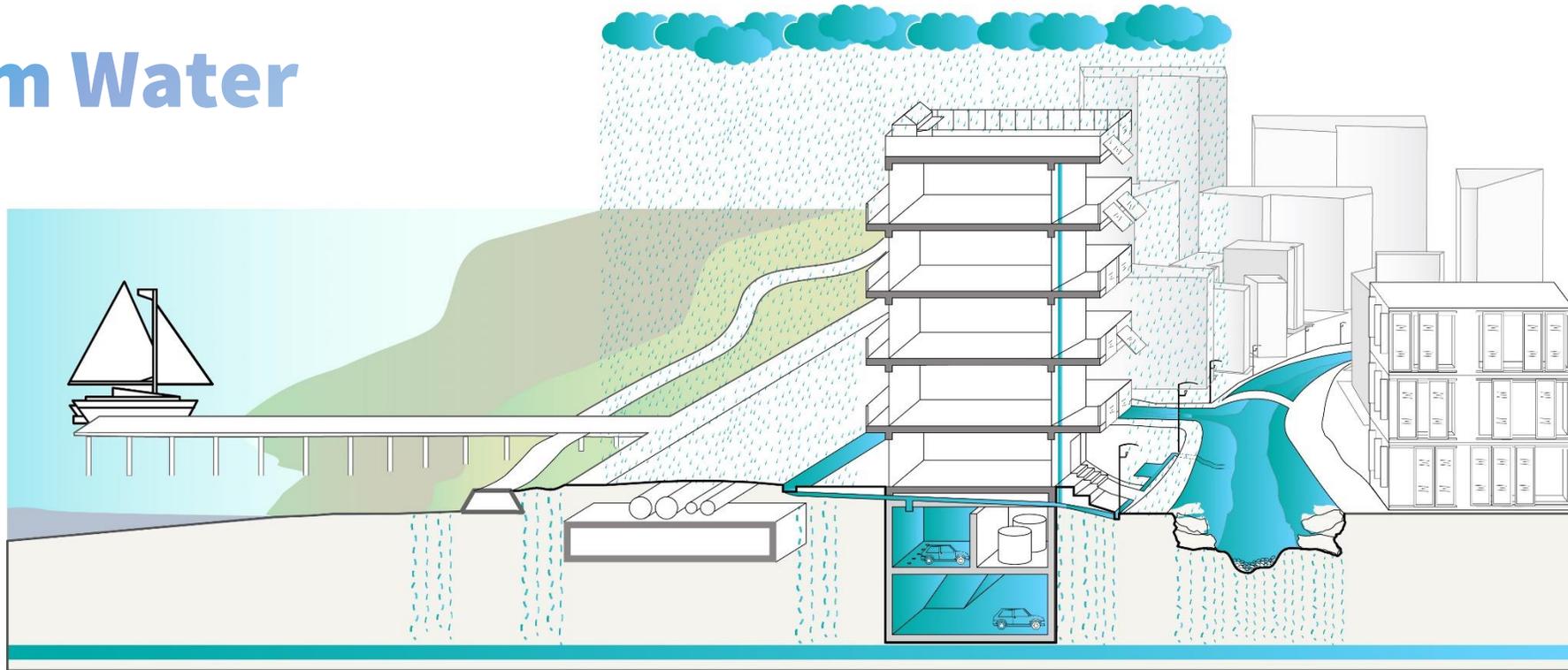


Landscape



Toilet + wash

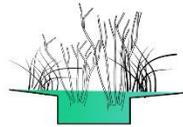
# Storm Water



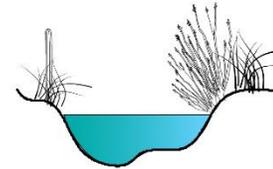
Permeable Surfaces



Rainwater runoff



Bio-swale



Landscape



Toilet + wash



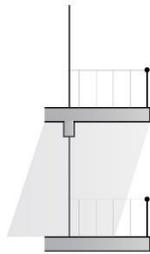


Tanner Springs,  
urban wetland in  
Portland, Oregon

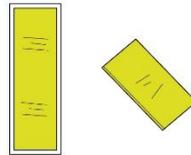
# Solar + UHI



Water canals  
reduce UHI



Shading balconies



Architectural  
solar elements

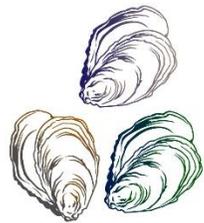
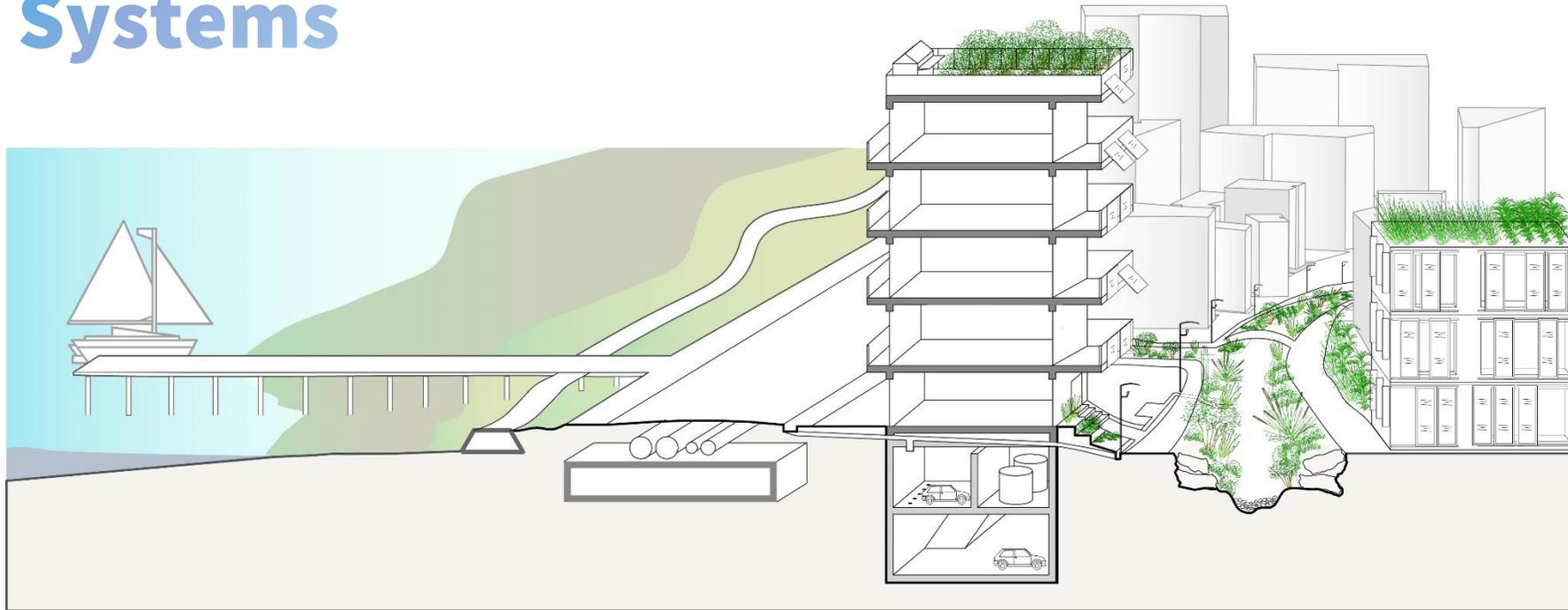


Shading  
deciduous trees



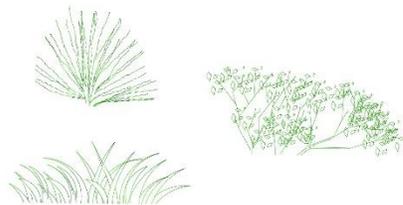
Solar Façade - Copenhagen International School

# Food Systems



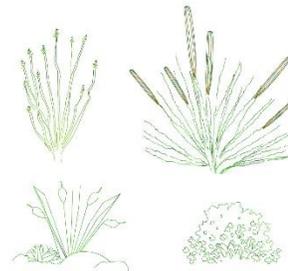
Native Oysters

Olympia



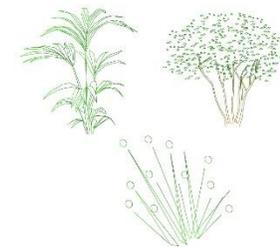
Salt Marsh Edibles

Salicornia, seaweeds



Fresh Marsh Edibles

wild rice, spinach,  
celery, typha

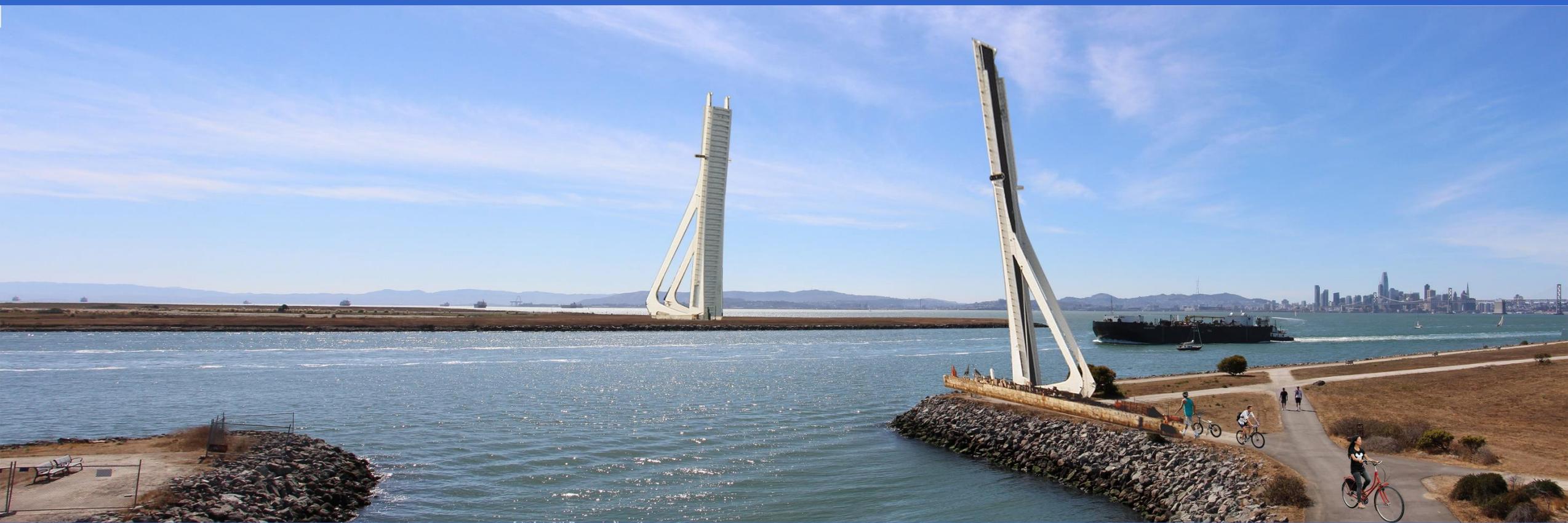


Rooftop Agriculture

vegetables, greens





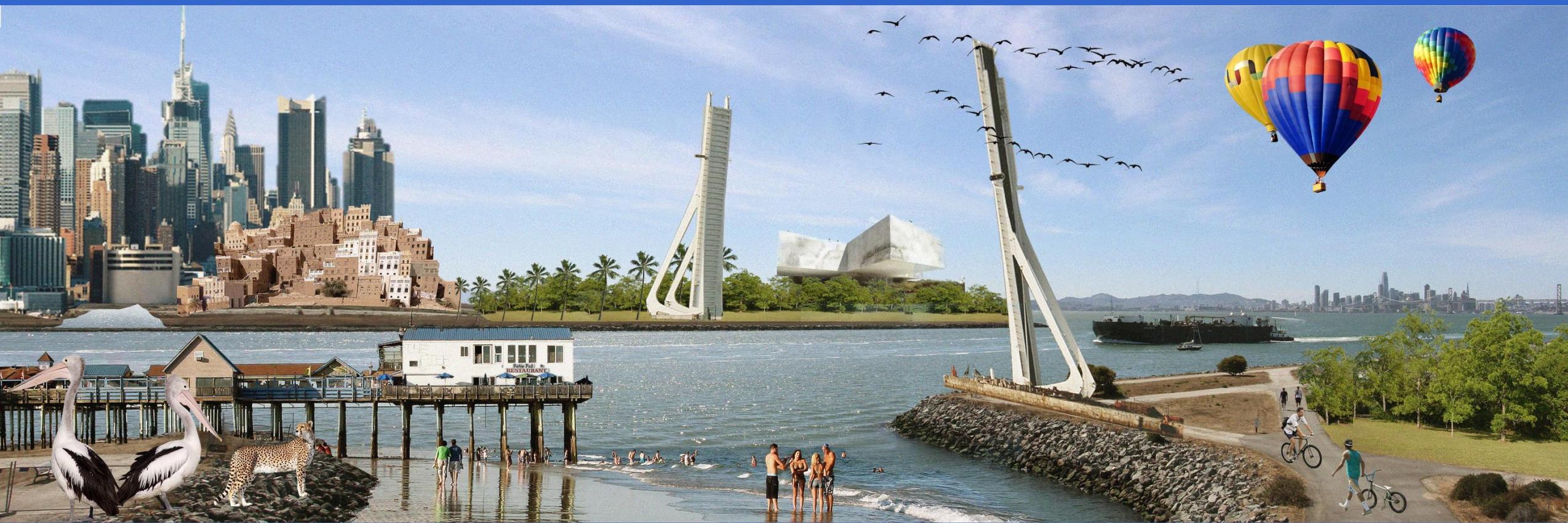














Scale



# Public Private + Community Partnership

## ABAG

GIVE  
Infrastructure  
Public space  
Streamlined Planning  
Capacity building

GET  
Housing  
Transit system  
Social impact network

## Developers & Transit Co.

GIVE  
Housing  
Public Amenities  
New BART Line  
RBT system  
Funding for NGOs

GET  
70% of phase 2 land  
Economic activity

## Communities

GIVE  
Initiative  
Local businesses  
Local labor  
Activation of space

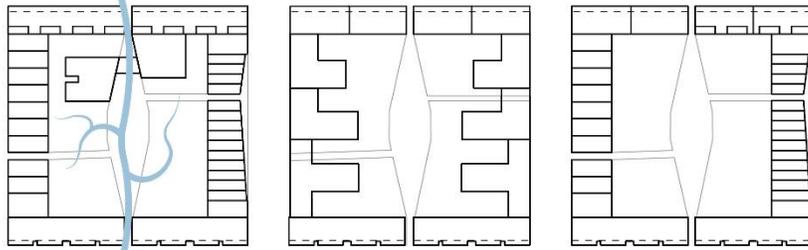
GET  
Community capacity  
100% of phase 1 land  
30% of phase 2 land  
A place to safely call home

## Berkeley Global Campus

GIVE  
Economic driver  
Tech Industry  
Process Management

GET  
Space for growth  
Proximity to Silicon Valley  
Glory





266 DU/ac

200 DU/ac

100 DU/ac

