

Resilient Oakland

Building Community Resilience

EPIC Policy+Innovation Coordination Group - Equity Workstream Mtg#2
October 15, 2020

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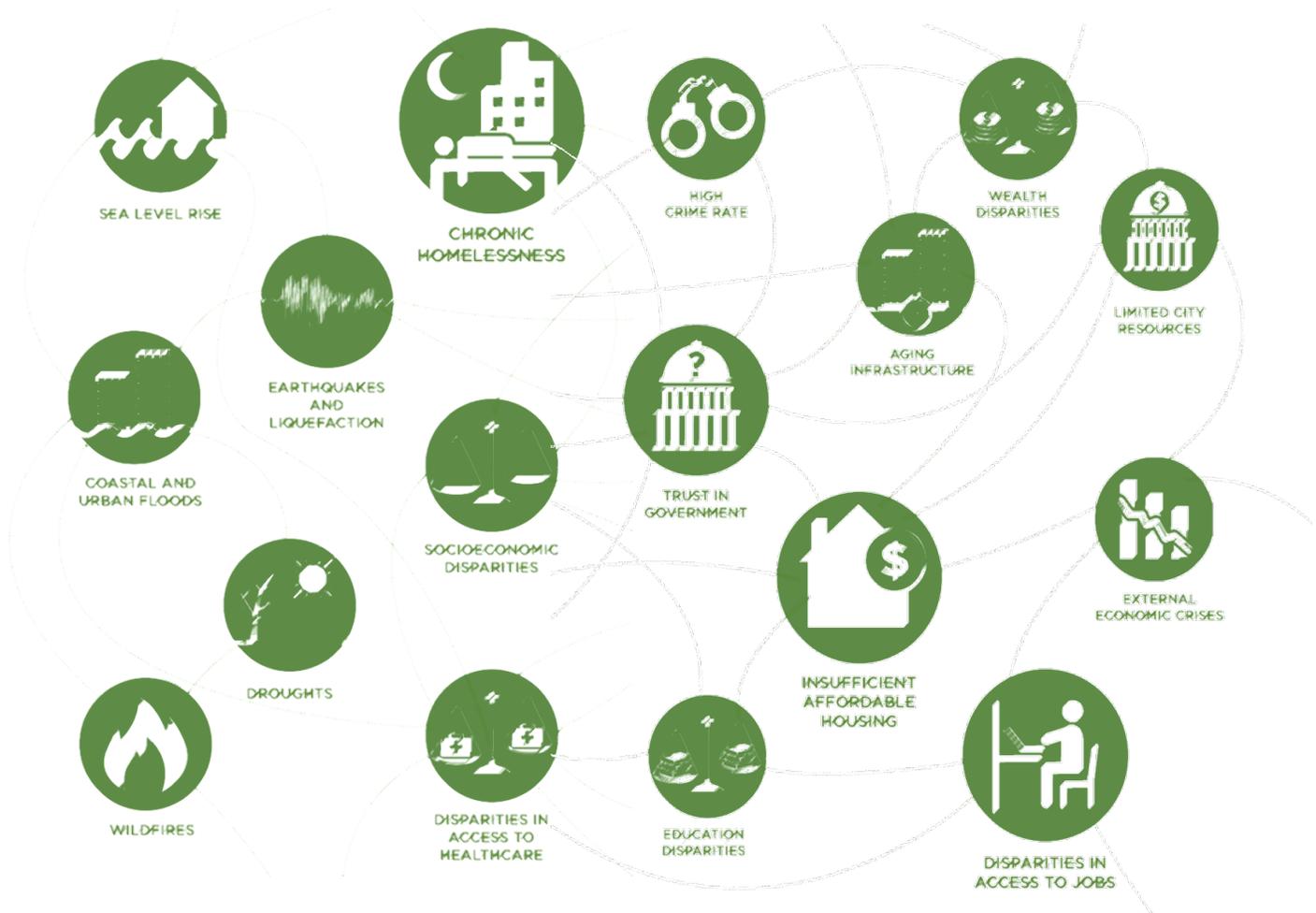


Collaborative.
Data-driven.
Equitable.

URBAN RESILIENCE

Is the capacity of individuals, communities, institutions, businesses, and systems within a city to survive, adapt, and grow no matter what kinds of chronic stresses and acute shocks they experience.

Oakland's Shocks and Stresses



Resilient Oakland Priorities

Build a more trustworthy and responsive government



Design equitable
and measurable
community
engagement



Create more
opportunities for
collaborative
government



Apply data-driven
principles to inform
decision-making



Engage youth in
shaping the future
of Oakland

Stay rooted and thrive in our town



Increase
economic security



Promote safe
and healthy
neighborhoods



Increase affordable
housing stock

Build a more vibrant and connected Oakland



Reduce current
and future climate
and seismic risks

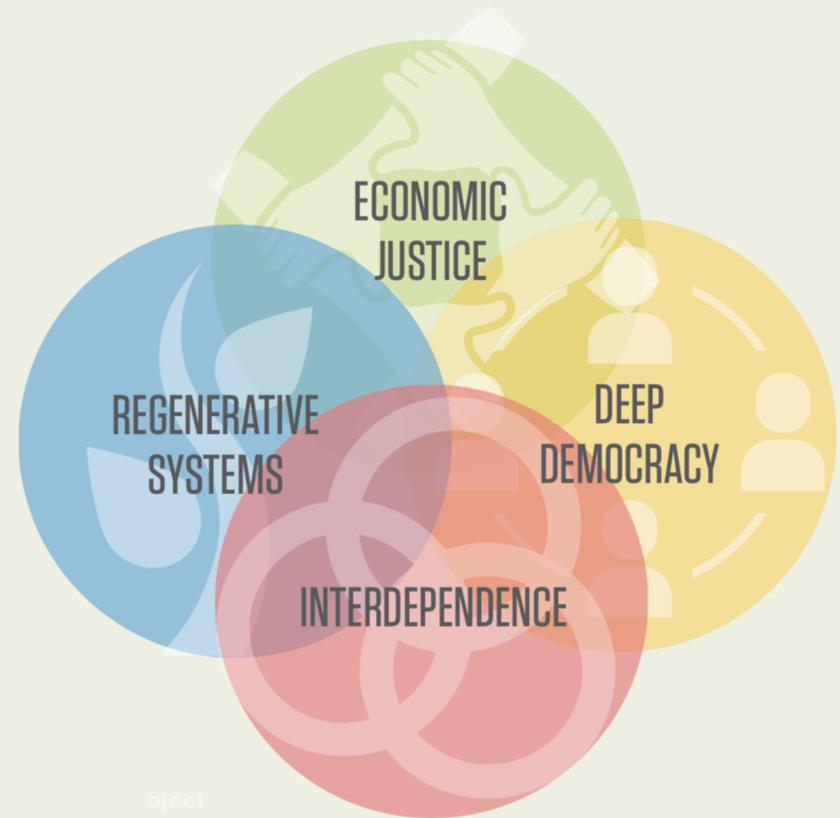


Promote urban
greening for
neighborhoods
most in need



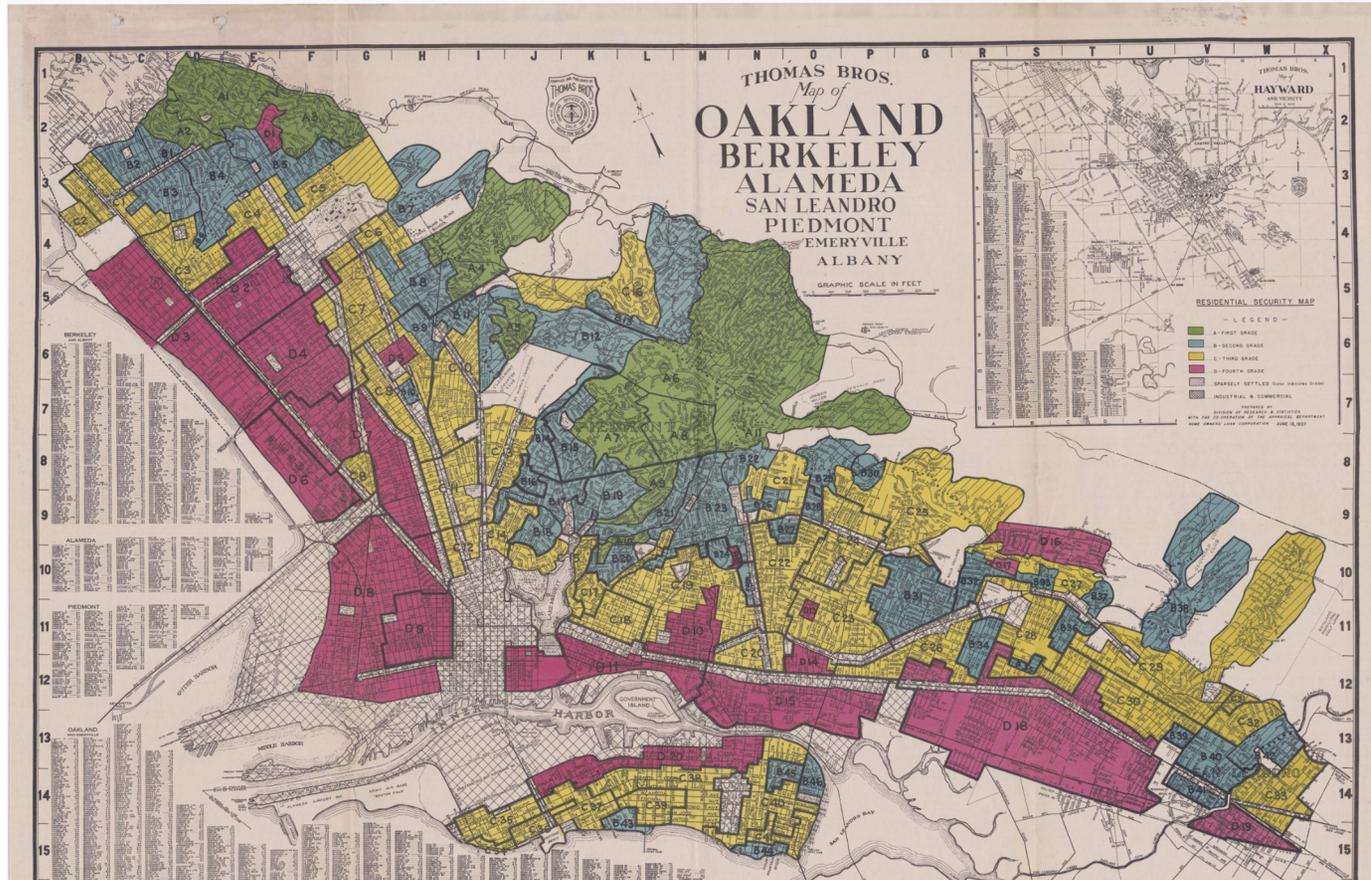
Maximize value
of collective
infrastructure
investments

THE **PROBLEMS** ARE CONNECTED



AND SO ARE THE **SOLUTIONS**

Oakland's Legacy of Redlining



Oakland Residential Security Map, prepared by Federal Home Loan Bank Board, 1939 Source: Library of Congress

EcoBlock: A Zero Net Energy, Low Water-Use Retrofit Neighborhood



<https://ecoblock.berkeley.edu/>

California Energy Commission EPIC project
Phase I (2015-2018) \$1.5M
Phase II (2019-2023) \$5M



Unique features:

Retrofits of older housing stock on an existing block, combining deep efficiency with 100% solar PV microgrid



Innovative legal and financial structures:

Community financing, ownership and management via nonprofit Trust or Homeowners Association with fees, or Community Facilities District (CFD)



Beneficiaries:

Project aims to prove affordability for low-to-middle income neighborhoods; Scale-up potential is key



Source: Dr. Alexandra von Meier, The Oakland EcoBlock, Phase II, CPUC Equity Workstream Meeting October 6, 2020

EcoBlock Phase I Proposed Model

RAIN WATER AND WASTE WATER SYSTEM



Timeline of Block Selection

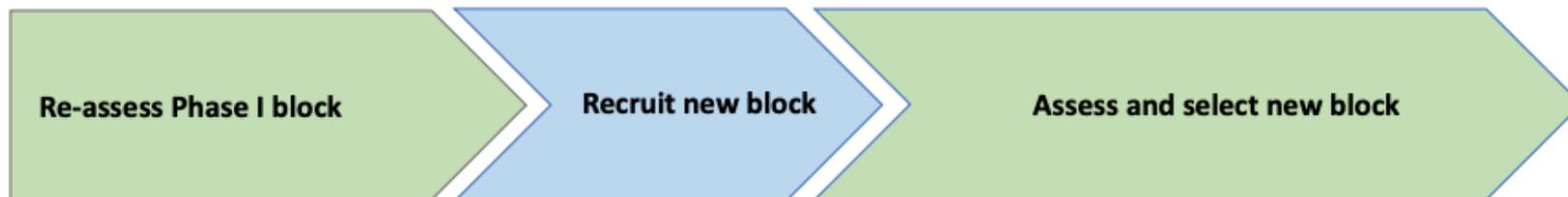


And Lessons Learned

Phase II Approved
June 2019

Phase II Project Start
October 2019

Phase II Block selected
April 2020



- Town Hall meeting
- Block residents vote

There is more to neighborhood and social dynamics than meets the eye. Transparency and trust are essential for a project like this. Participant fatigue can occur when there is plenty of talk but no action for a while.

- Opportunity Notice
- Outreach

Local knowledge and credibility are vital. Community engagement starts before selection.

- Initial screening of self-nominated candidates
- Phone interviews with block leads
- In-person meetings with block residents
- Economic analysis for post-project viability
- Meetings with PG&E, City of Oakland
- Letter of Intent

There are multiple stages of participant commitment, with increasing specificity.

Source: Dr. Alexandra von Meier, The Oakland EcoBlock, Phase II, CPUC Equity Workstream Meeting October 6, 2020



GRAPHIC 1.1
The Engine of Climate Resilience Planning

Community- Led Transformation

- The **Transformational Climate Communities (TCC) program** provides funding for community-led transformation in California's most disadvantaged cities.
- The **East Oakland Neighborhood Initiative (EONI)**, a partnership between the City of Oakland and thirteen (13) community organizations, received a TCC Planning Grant.
- The next phase is a \$28.2M implementation grant to implement community-led projects that achieve **major environmental, health, and economic benefits** in California's most disadvantaged communities.



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