Data Driven Cities:
An Oakland Experience

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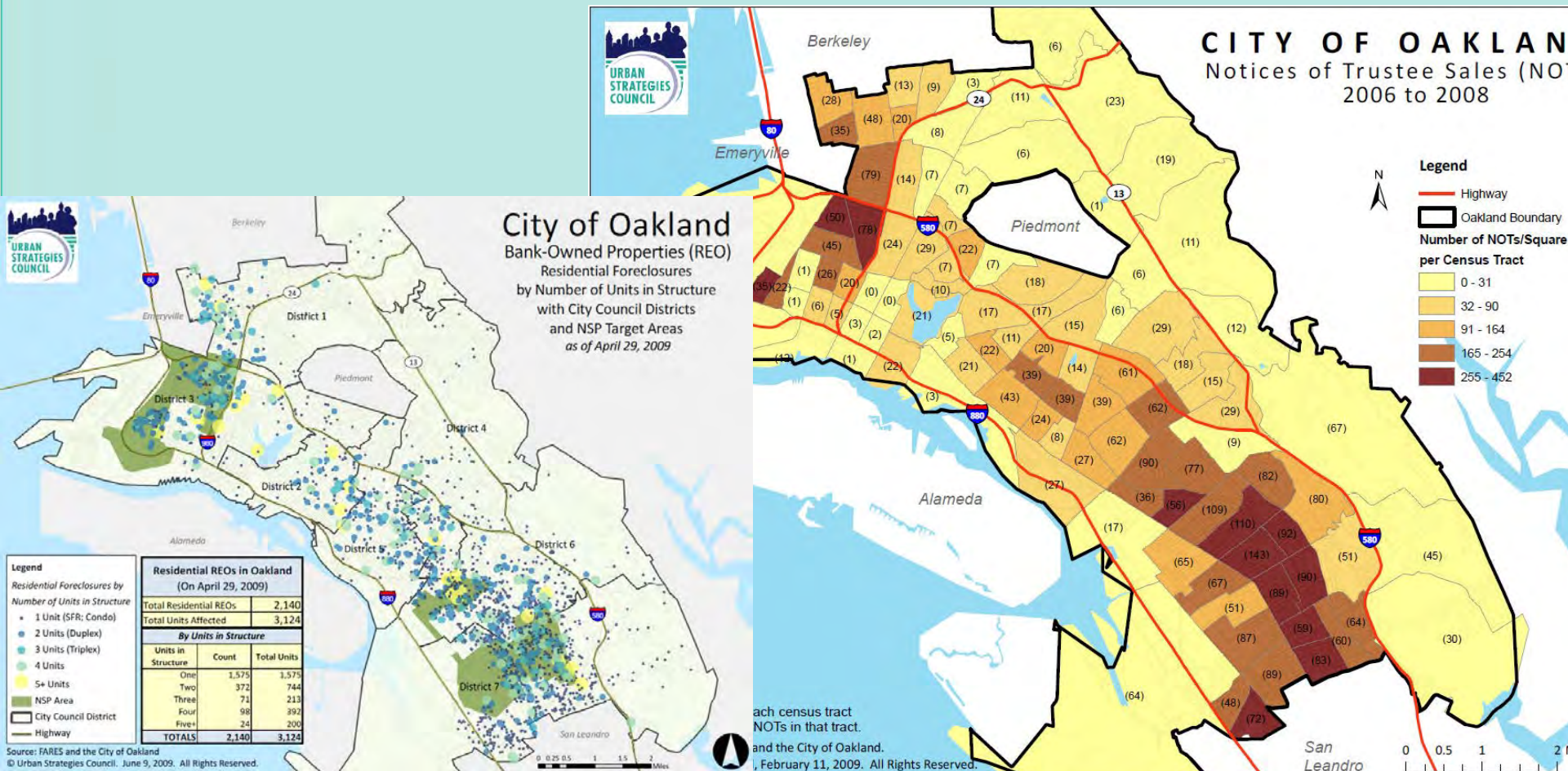
Urban Strategies Council...

- A social impact organization.

- 25 years based in Oakland!

- Incubator

- Civic innovation

- Applied research, data management and geospatial.
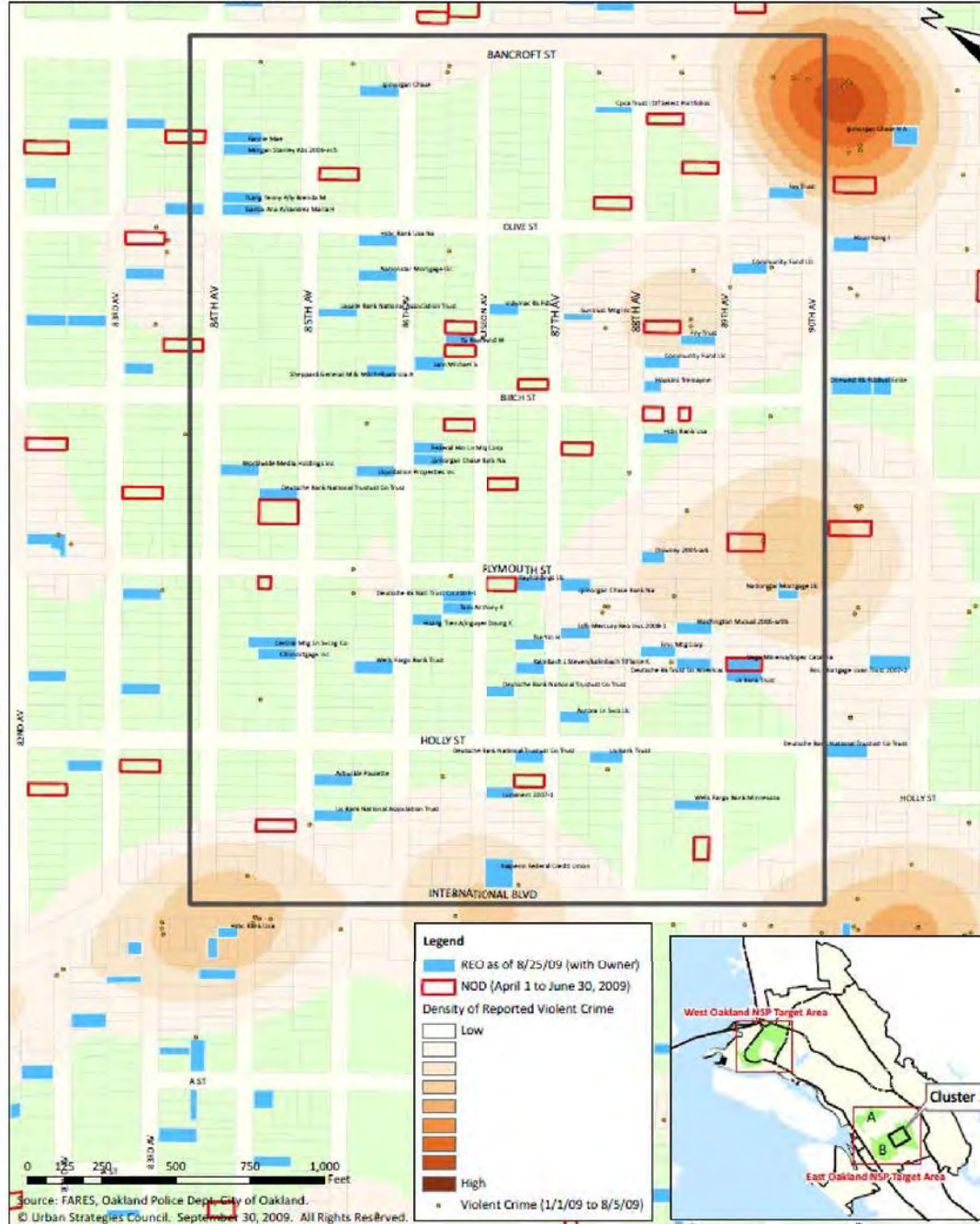
www.urbanstrategies.org

Foreclosures

- Concerns raised by organizing partners
- Purchased data since 2006
- Analyze, publish maps/data for community/policy

Foreclosures

- Midway in crisis- no formal response..
- Identify CLT as model to fit
- City registration policy- doesn't stop foreclosures

East Oakland NSP Target Area B - Cluster 1
with REOs (as of 8/25/09), Notices of Defaults (4/1/09 to 6/30/09), and
Density of Violent Crimes (1/1/09 to 8/5/09)

Legend
- REO as of 8/25/09 (with Owner)
- NOD (April 1 to June 30, 2009)

Density of Reported Violent Crime
- Low
- High
- Violent Crime (1/1/09 to 8/5/09)

Source: FARES, Oakland Police Dept. City of Oakland.
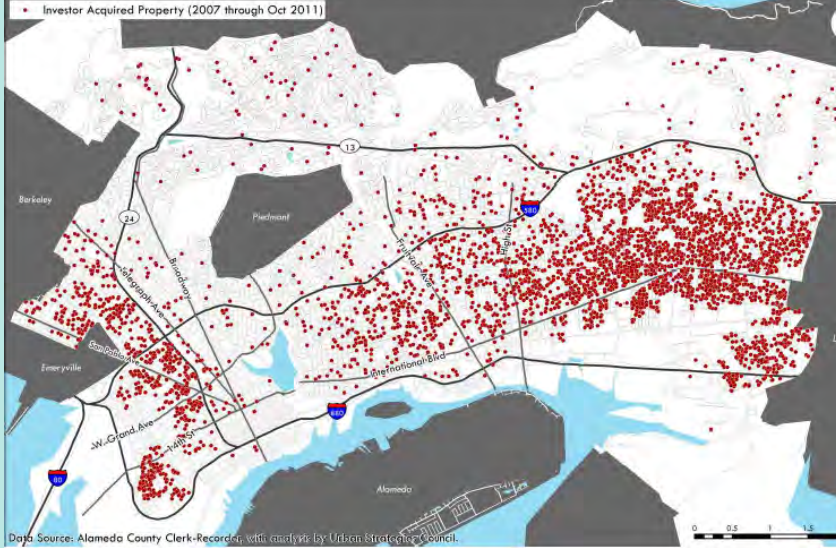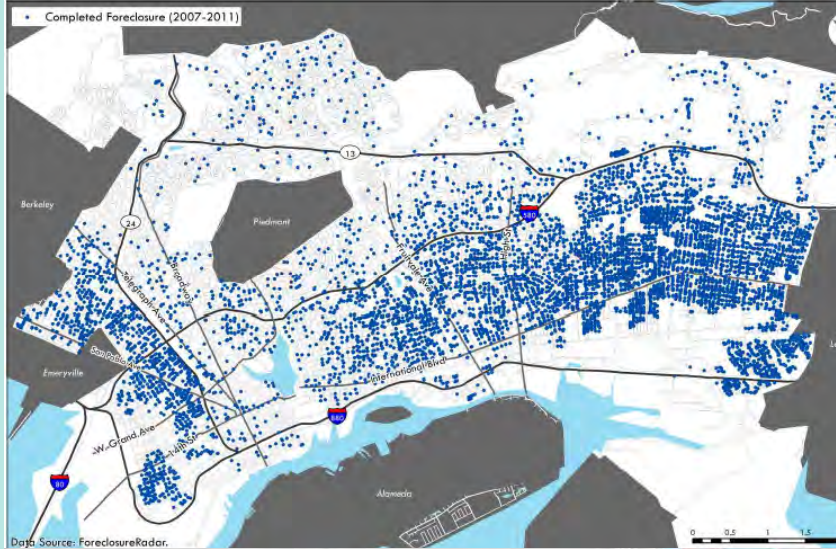© Urban Strategies Council. September 30, 2009. All Rights Reserved.

Foreclosures

- Data mining- private investors- new research- new response needed

Completed Foreclosure (2007-2011)

Data Source: ForeclosureRadar.

Who Owns Your Neighborhood?
The Role of Investors in Post-Foreclosure Oakland

June 2012

Investor Acquired Property (2007 through Oct 2011)

Data Source: Alameda County Clerk-Recorder, with analysis by Urban Strategies Council.

Foreclosed Properties in Oakland, 2007-2011 with Investor Acquisitions, 2007-October 2011

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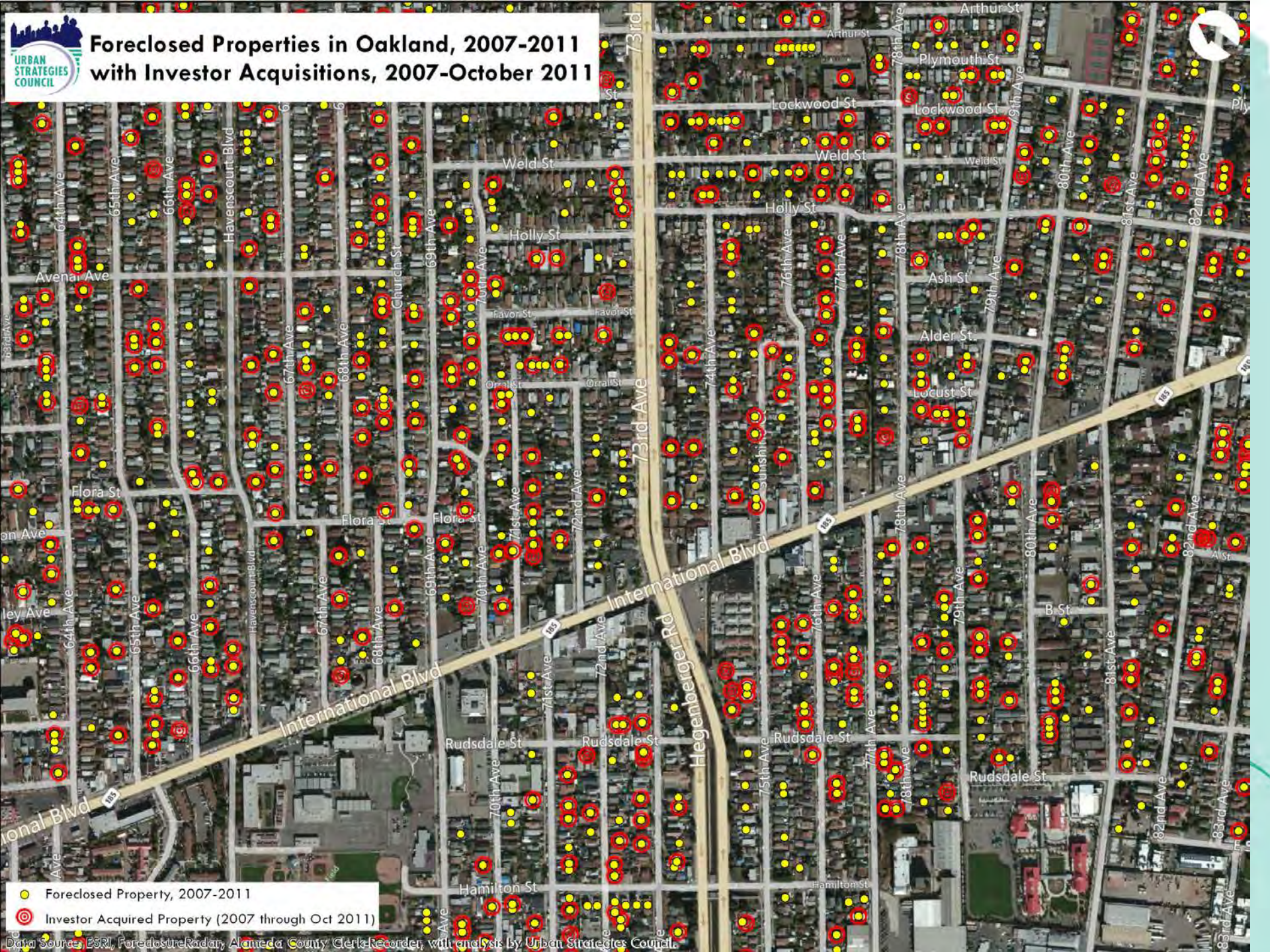
Legend:
- Foreclosed Property, 2007-2011
- Investor Acquired Property (2007 through Oct 2011)

REO Homes LLC Acquisition
Community Fund LLC Acquisition

Berkeley

Piedmont

Telegraph Ave

Broadway

San Pablo Ave

Emeryville

W. Grand Ave

14th St

Fruitvale Ave

High St

International Blvd

San Leandro
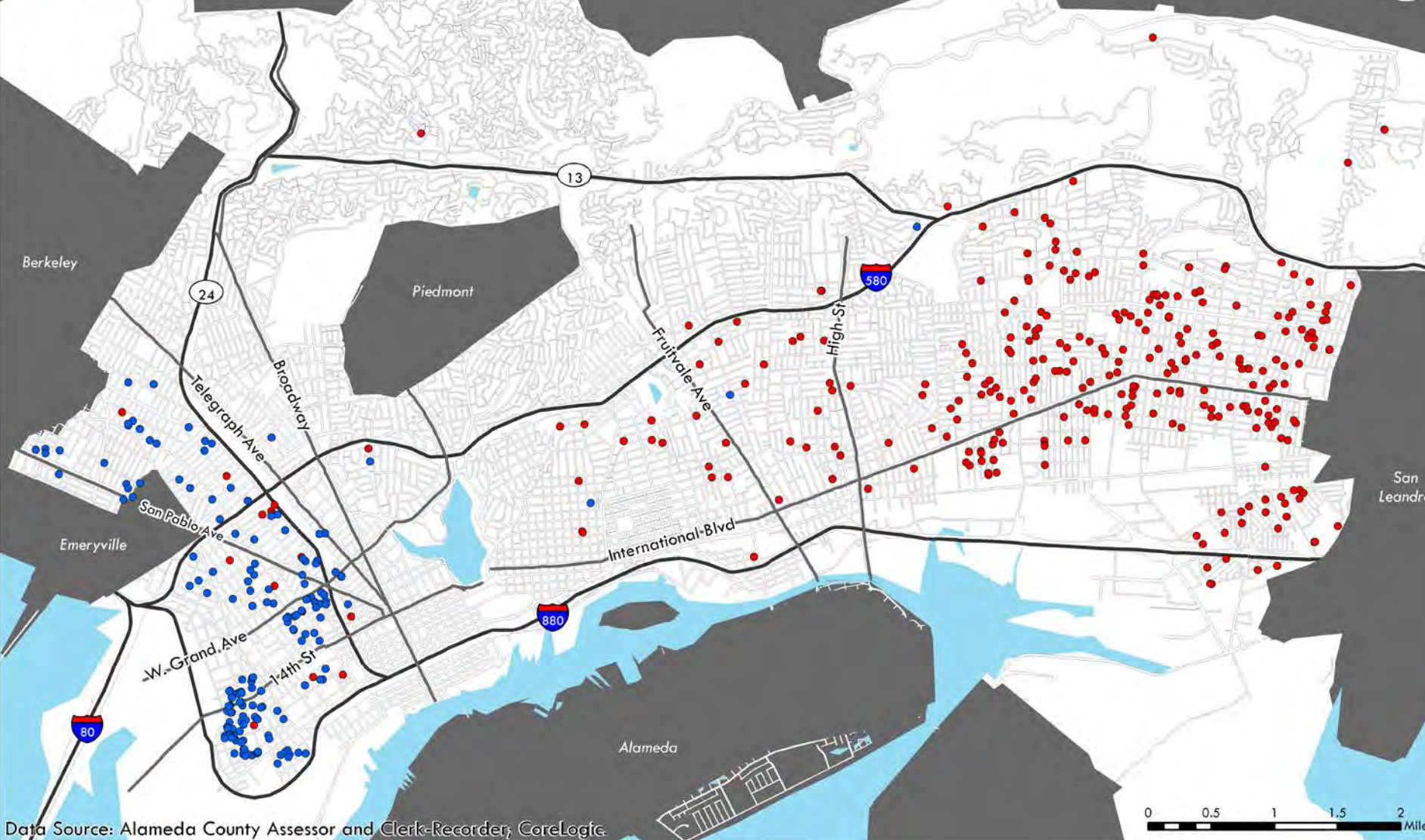
Alameda

Data Source: Alameda County Assessor and Clerk-Recorder; CoreLogic.

0   0.5   1   1.5   2
Miles

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Mobile Property Condition Survey: Open Data Kit

InfoAlamedaCounty.org

- Data silos – gov and nonprofit
- High demand/low funding for data/map requests
- Web mapping and data viz to help people explore and analyze
- Downloads of raw data and geographical to empower other researchers, developers, policymakers

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InfoAlamedaCounty.org

- Web based mapping platform
- Data visualization
- Full export of all data!
- Platform for publishing research, data, maps
- Built in partnership with ACPHD
- Free- open to anyone
- viewer.infoalamedacounty.org

Data Gaps

Public, but not so public
•Foreclosure filings
•Property condition - code enforcement, inspections
•Permits - for building, renovation, rentals
•Property Ownership
•Every other survey…

What is OpenData

"increase public access to high value, machine readable datasets generated by government"

- Makes all PUBLIC data available to the PUBLIC
- Next step in eGov

"Opendata is rocket fuel for innovation" Former US CTO Vivek Kundra

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What is OpenData

10 Principles:

(Interoperability)

- Complete
- Primacy
- Timely
- Ease of Physical & Electronic Access
- Machine readable
- Non-discriminatory
- Open standards
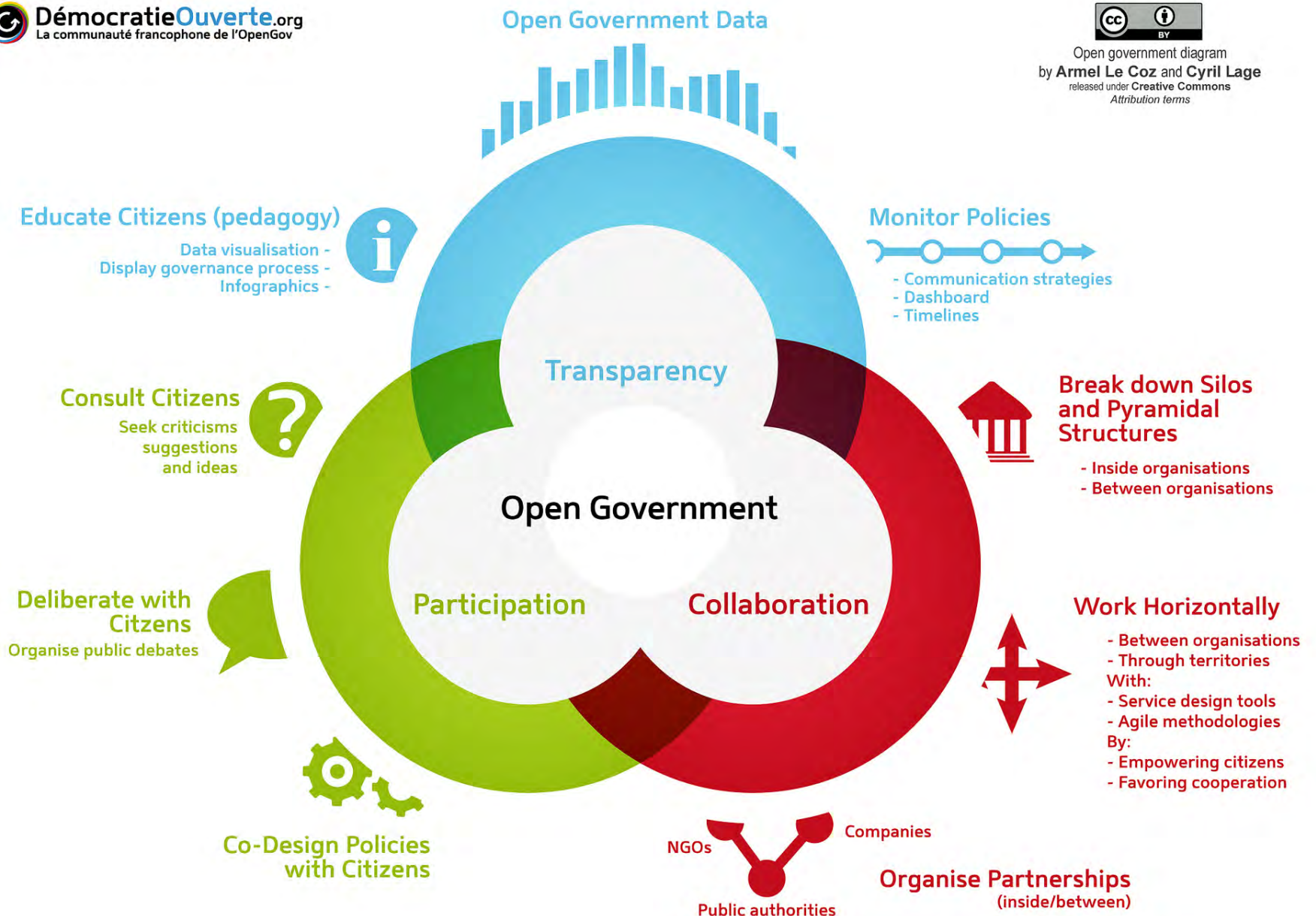- Licensed openly
- Permanent
- Free

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What is OpenData not?

Never:

- Confidential information
- Personal information like health records
- Violates local, state or federal laws

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Open government diagram by **Armel Le Coz** and **Cyril Lage** released under **Creative Commons** *Attribution terms*

Open Government Data

Educate Citizens (pedagogy)
Data visualisation -
Display governance process -
Infographics -

Monitor Policies
- Communication strategies
- Dashboard
- Timelines

Consult Citizens
Seek criticisms
suggestions
and ideas

**Break down Silos
and Pyramidal
Structures**
- Inside organisations
- Between organisations

Transparency

Open Government

**Deliberate with
Citzens**
Organise public debates

Participation

Collaboration

Work Horizontally
- Between organisations
- Through territories
With:
- Service design tools
- Agile methodologies
By:
- Empowering citizens
- Favoring cooperation

**Co-Design Policies
with Citizens**

NGOs

Companies

Public authorities

Organise Partnerships
(inside/between)

Opendata Benefits

- Innovation

- Improved efficiency of government services

- Improved effectiveness of government services

- Impact measurement of policies

- New knowledge from combined data sources

What OpenData looks like

County A

- Open, free parcel data
- Open, free foreclosure data
- Open, free business permit data
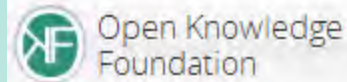- Open, free social service data

County B

- No public/costly parcel data
- Costly foreclosure data
- No public business permit data
- Closed social service data

Where would you…
- Consider investing in affordable housing development?
- Consider locating a new business?
- Consider funding community initiatives?
- Expect more robust grants from?

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Who can do "Open data"?

Thank you!

Questions, concerns, excitement?

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