

RENOVATE AMERICA™

Revolutionizing the Way People Adopt Efficient
Home Energy Products

Funding & Scaling Mitigation & Adaptation Programs: How PACE Helps

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Renovate America, HERO Program



Quick PACE Refresher

- **Voluntary Assessment** on Property to fund energy, water, seismic improvements
- **100% financing** – payments made through Property Tax Bill
- Broader access...as **more people qualify**
- Implemented at **local level** with **local control...over 430 municipalities** in California participate
- Funded through private capital*

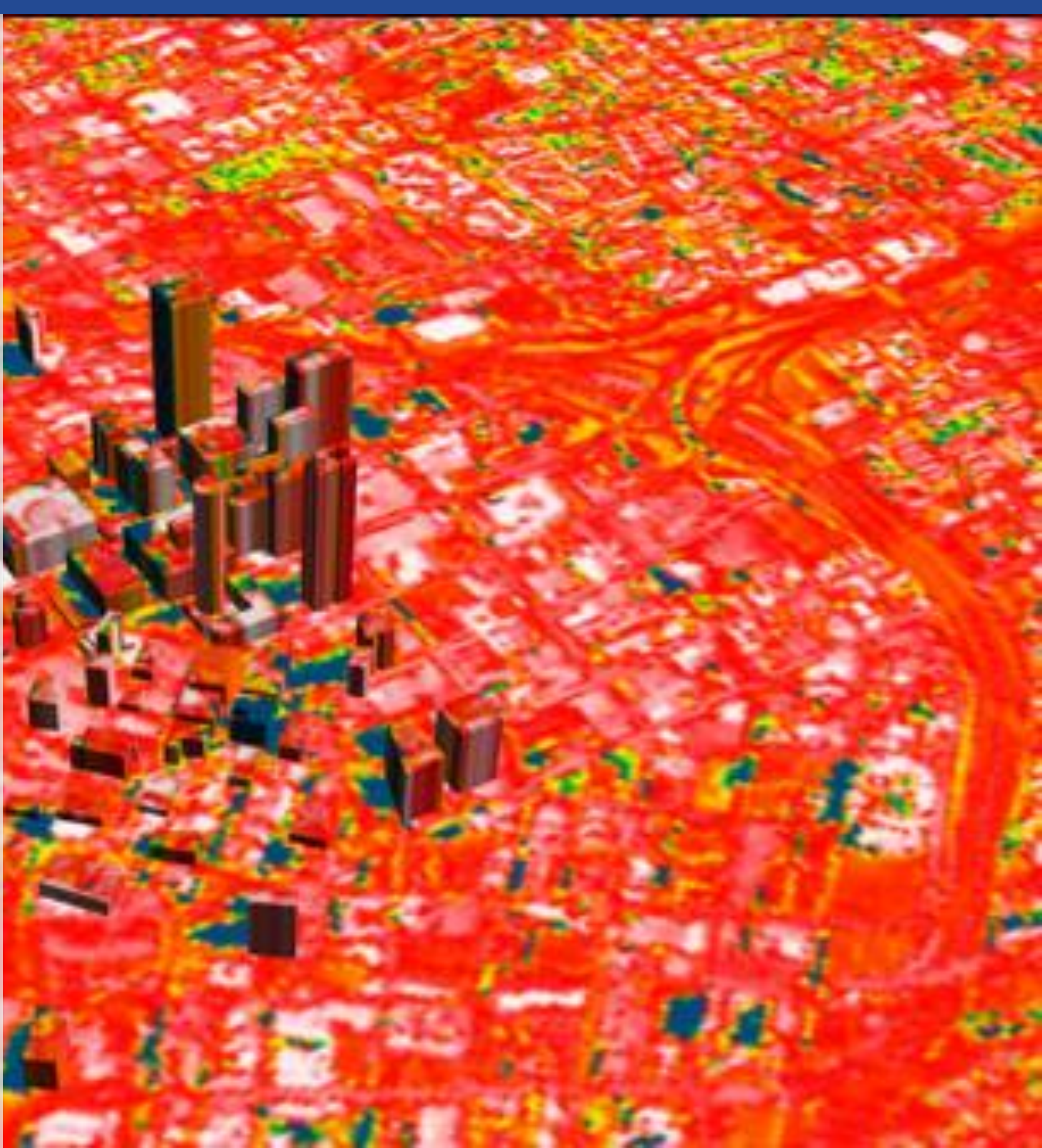
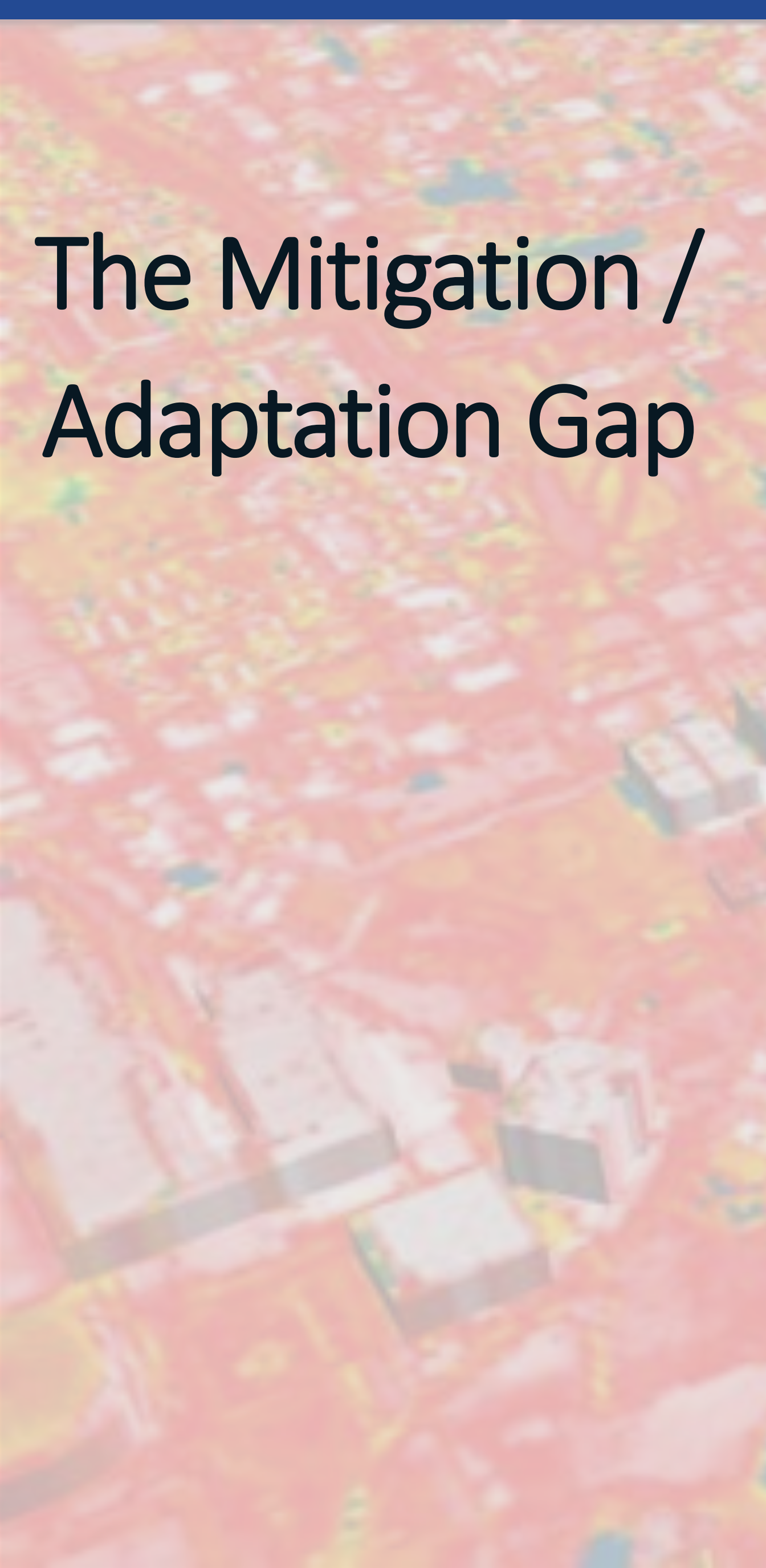


Why Property Assessed Clean Energy?

- Every year, **1 in 6 homeowners** will upgrade or replace a system that affects energy consumption
- But **3 out of 4** will not choose the most energy efficient solution



The Mitigation / Adaptation Gap



The Mitigation/Adaptation Gap

J.E. Coffee et al. / Journal of Great Lakes Research 36 (2010) 115–117

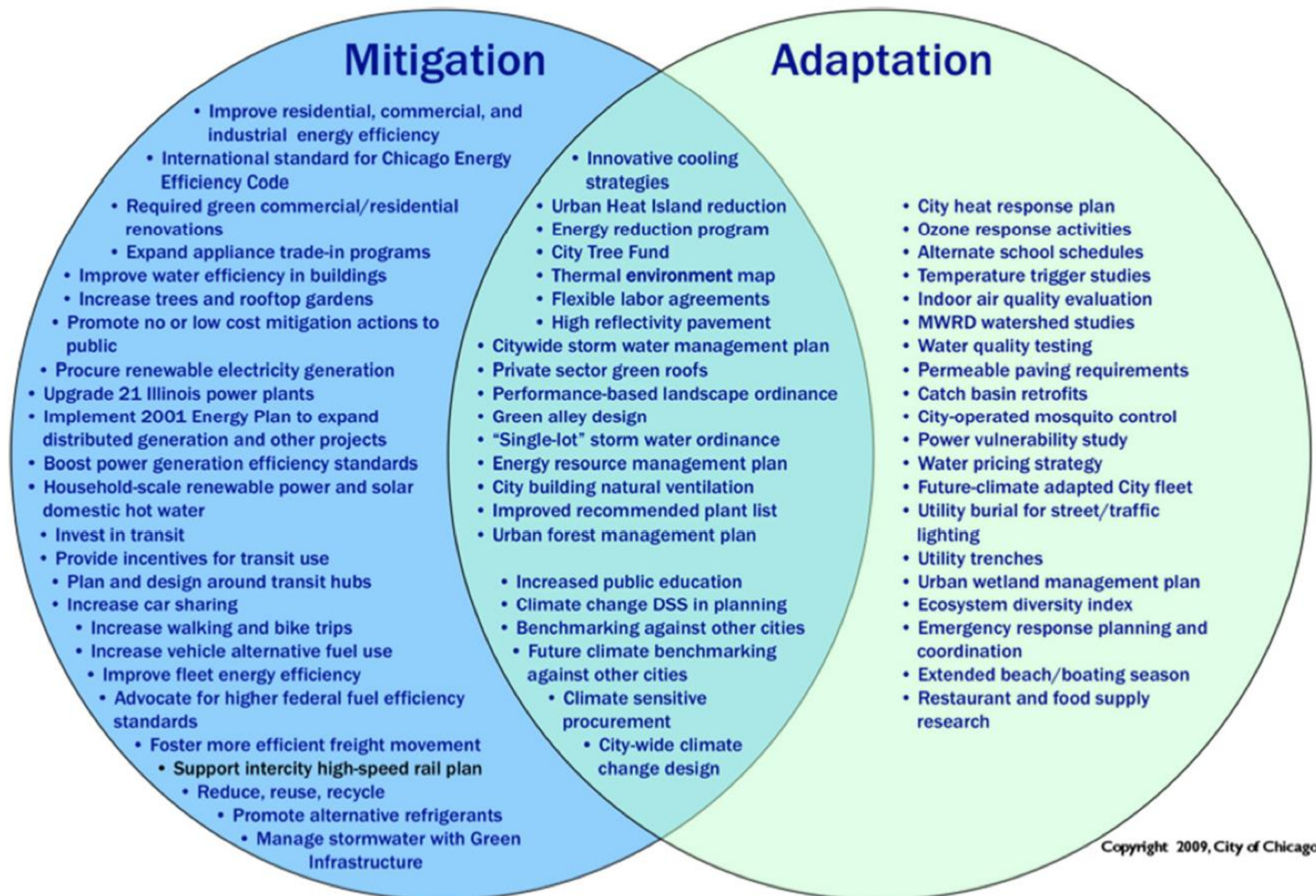


Fig. 2. Mitigation and adaptation nexus.

Case Study: Retrofit Goals in San Diego

City of San Diego (example)

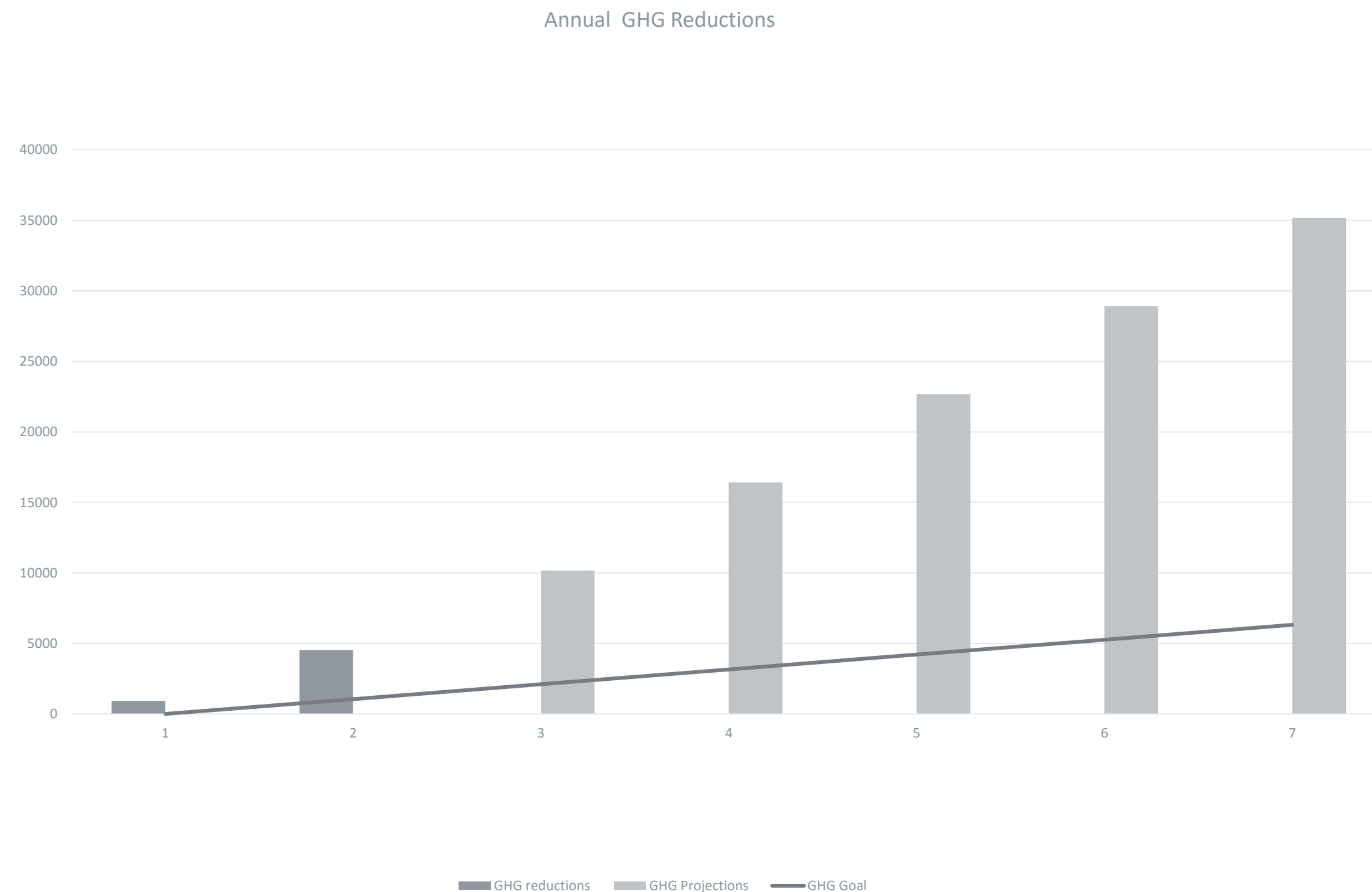
By 2020

- 6,324 units implementing EE
- 3,195 tons/year GHG reductions

2035 Goal: 17,939

Results after 13 Months:

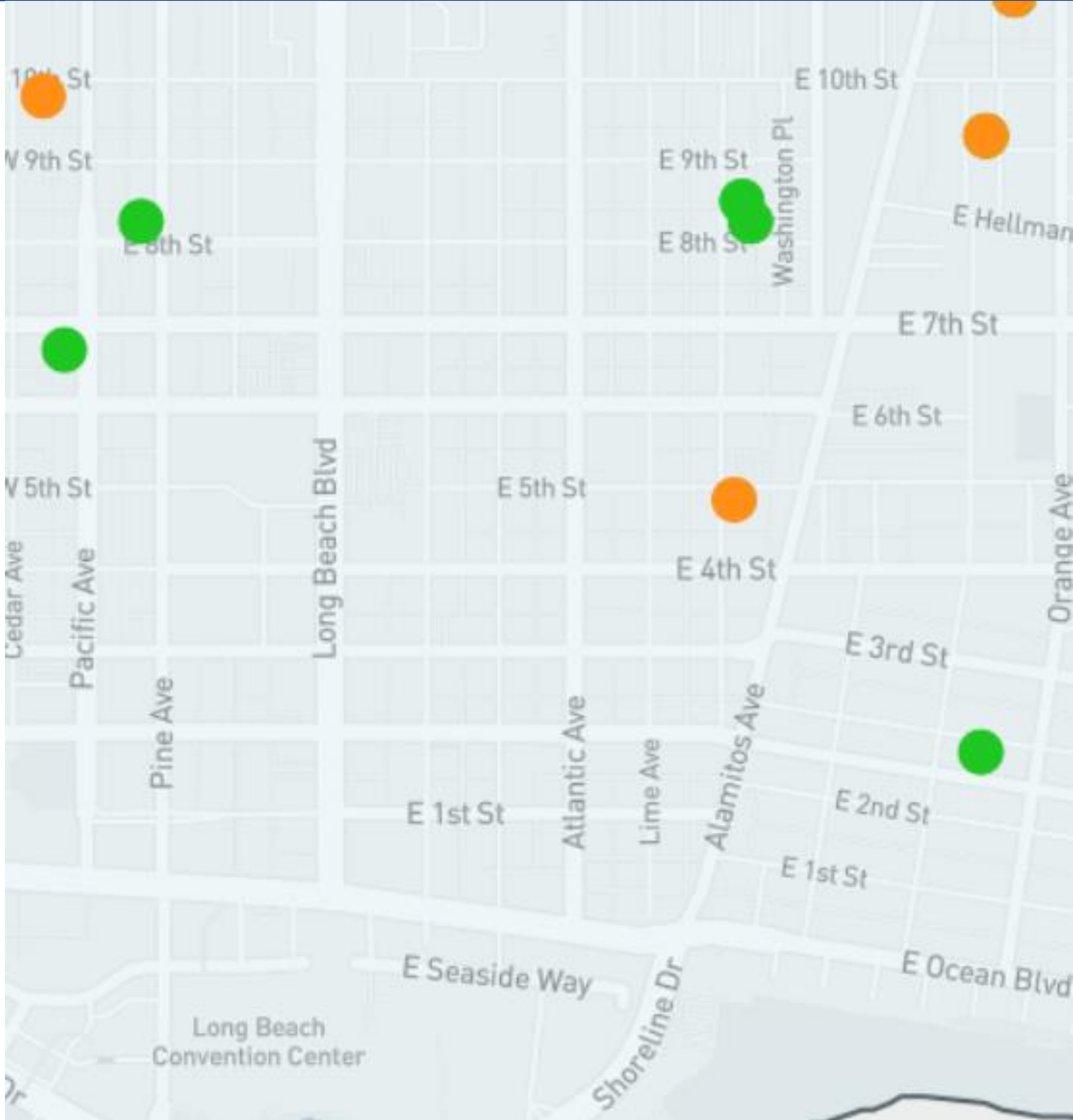
- 1,500+ Retrofits



What Happens at Scale



Insight into What's Happening at the Ground Level



Communities +

Contractors +

Applications +

Homes Improved

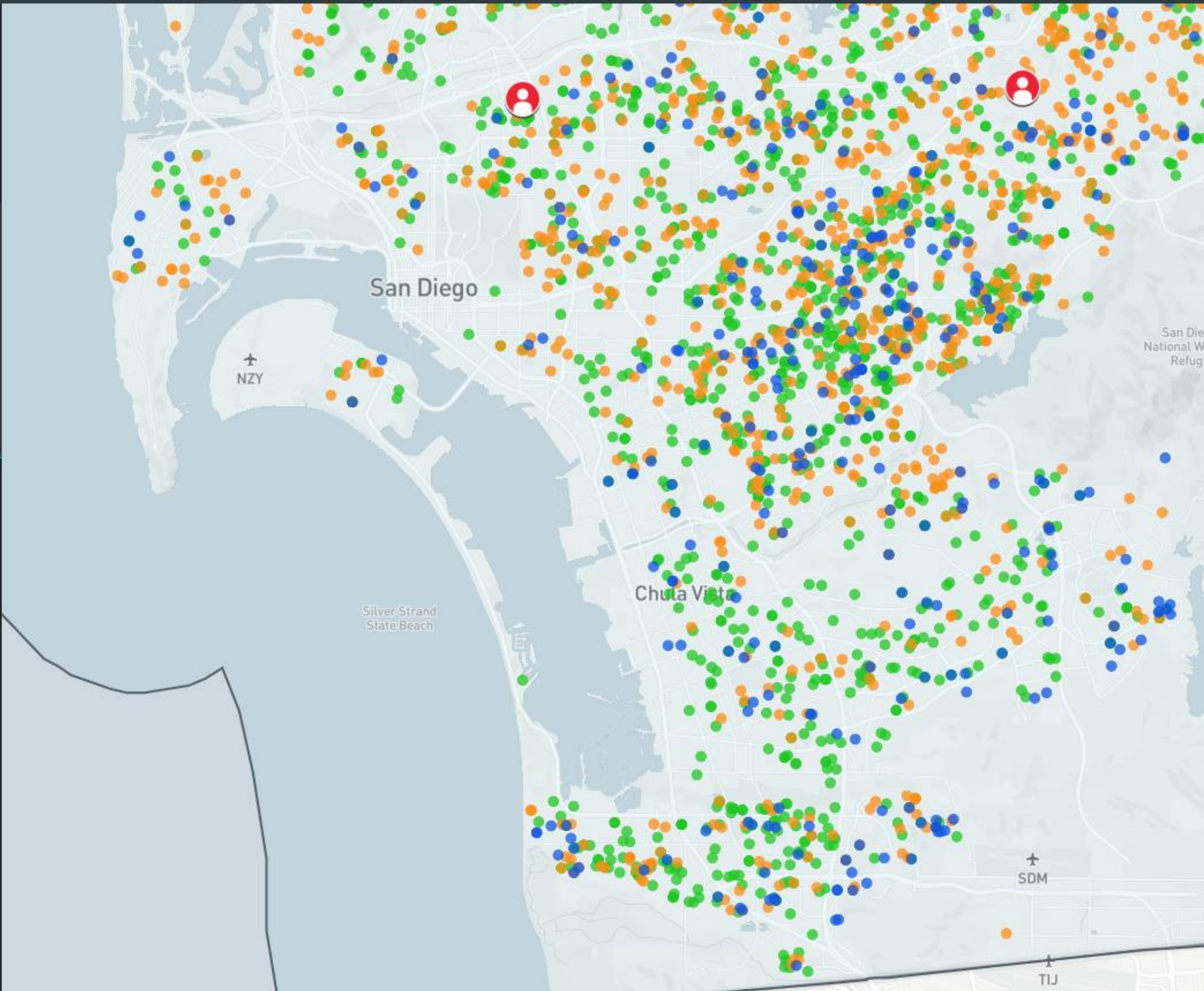
9,162 Homes Improved
19.8K Improvements
\$246M Total Value

FILTERS

ENERGY SOLAR WATER

Lifetime Impact

Economic Stimulus \$426M
Jobs Created 2,087
Energy Bill Savings \$460M
Energy Saved 1.27B kWh
Emissions Reduced 364K tons
Water Bill Savings \$10.6M
Water Saved 1.19B gal





Communities +

Contractors +

Applications +

Homes Improved

9,162 19.8K \$246M

Homes Improvements Total Value Improved

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- ENERGY
- SOLAR
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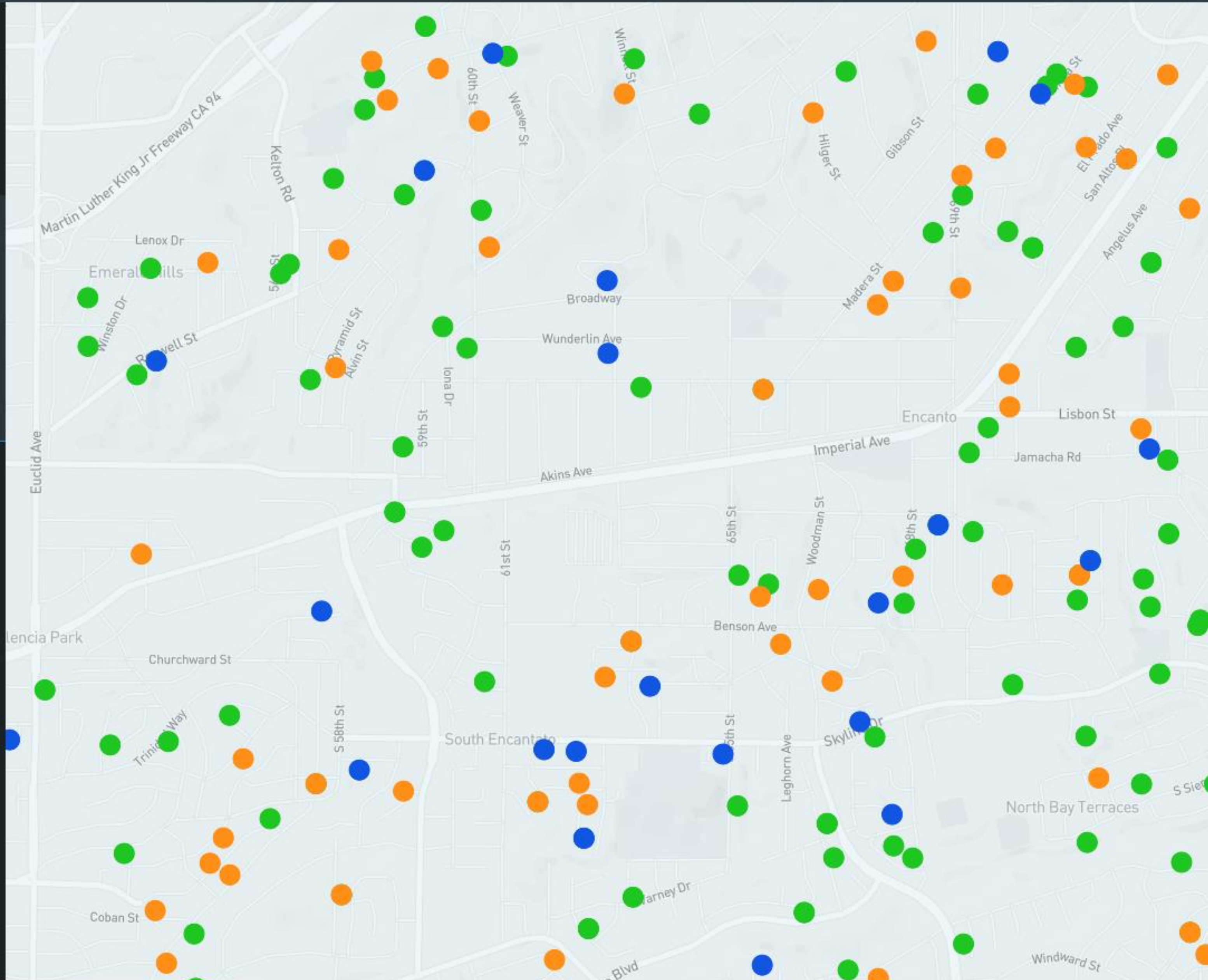
Energy Bill Savings \$460M

Energy Saved 1.27B kWh

Emissions Reduced 364K tons

Water Bill Savings \$10.6M

Water Saved 1.19B gal



Communities +

Contractors +

Applications

25.5K 19.5K \$1.56B

Submitted Approved Total Value

Homes Improved +

Lifetime Impact

Economic Stimulus \$426M

Jobs Created 2,087

Energy Bill Savings \$460M

Energy Saved 1.27B kWh

Emissions Reduced 364K tons

Water Bill Savings \$10.6M

Water Saved 1.19B gal



Where We Are Going



Where we are going – Scaling to create resiliency

1. PACE represents a unique tool to accelerate project level mitigation to community scale resiliency.
2. Communities can utilize unique influence to further this trend
3. PACE data brings new insights, leverage it
4. Capitalizing on PACE partnerships to test new policy approaches, the PACE infrastructure we have all built together can help us do more, quicker.

Thanks You!

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