



Olidata
smart cities.

We make Smart Cities a reality by focusing on the three pillars of a community: **People, Places, and Things.**

We are working with San Leandro to optimize the city's energy assets, leveraging smart data, market leverage, and strategic partnerships.

How

ZipPower



■ MOVING COMMUNITY POWER FORWARD

ZipPower is an advanced Digital Marketplace that optimizes city resources, accelerating smart city development while improving the value and quality of life for residents.

Our first focus is Energy. We provide the digital tools & guides to **People, Places** and **Things** that transform city Zip Codes into a network of Clean Power Assets.

How

People



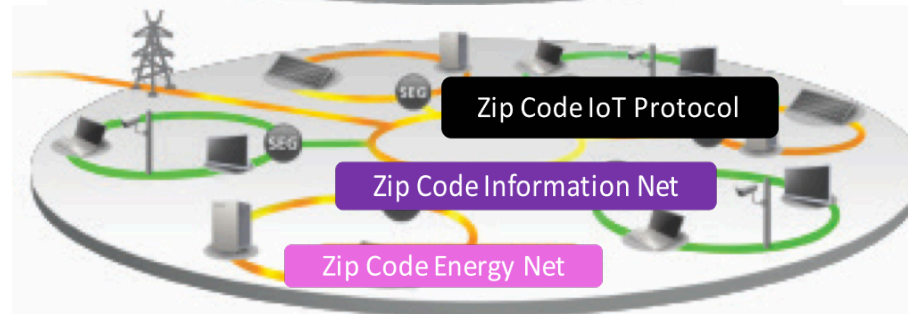
ZipUP

Places



ZipWatts

Things



ZipNet

Market



ZipPower



San Leandro Benefits:

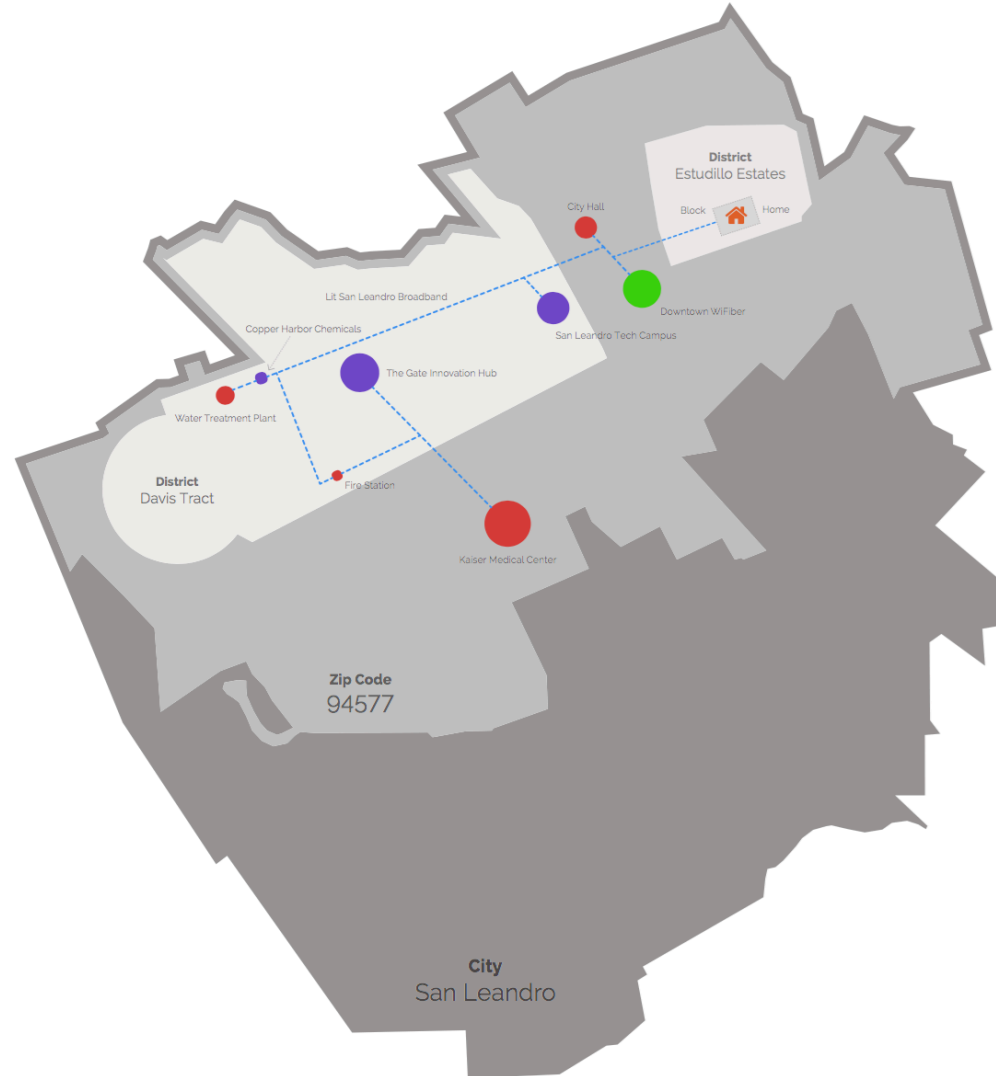
1. Accelerate the city's Climate Action Plan goals
2. Provide energy resiliency and security, plus lower costs
3. Utilize Lit San Leandro, our 10 gbps fiber optic network
4. Bring economic development and quality jobs
5. Confirm San Leandro's reputation as a Center for Innovation

ZipPower Smart City Network

Intelligently operating energy assets, devices and mechanisms

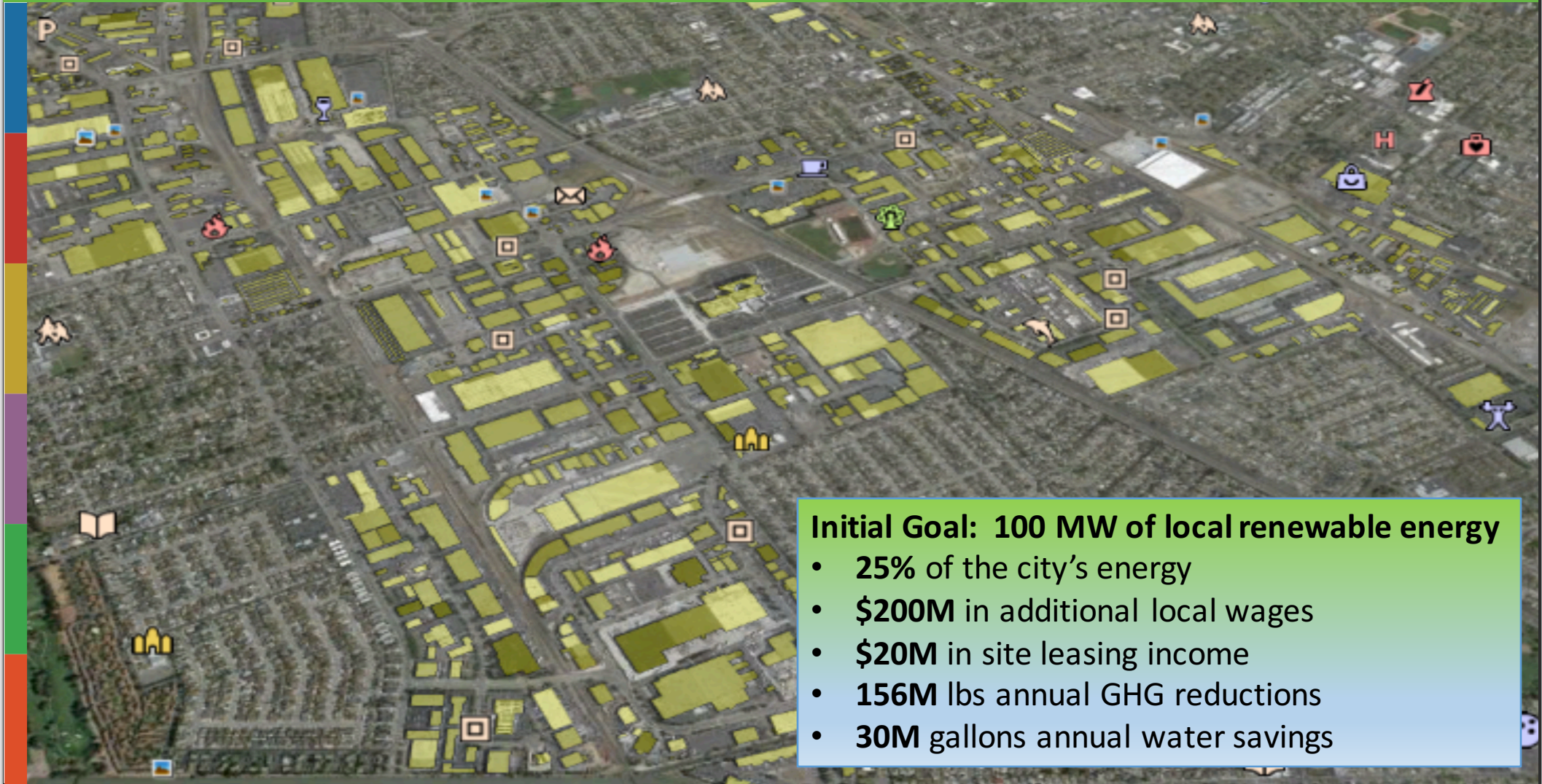
INTERNET OF THINGS PROTOCOL (IoTTP)

- Connected **FIBER OPTIC LOOP**
- Connected **COMMERCIAL**
- Connected **CRITICAL FACILITIES**
- Connected **PUBLIC SPACES**
- Connected **HOME**
- Connected **BLOCK**
- Connected **DISTRICT**
- Connected **ZIP CODE**
- Connected **CITY**



San Leandro ZipPower

Next Generation Workplace District - 24,000,000 ft² Available Rooftop



Initial Goal: 100 MW of local renewable energy

- 25% of the city's energy
- \$200M in additional local wages
- \$20M in site leasing income
- 156M lbs annual GHG reductions
- 30M gallons annual water savings

How

ZipUP

Zip Code's Residents
Quality of Life Improvement
App

ZipNet

Zip Code Asset Network App



ZipWatts

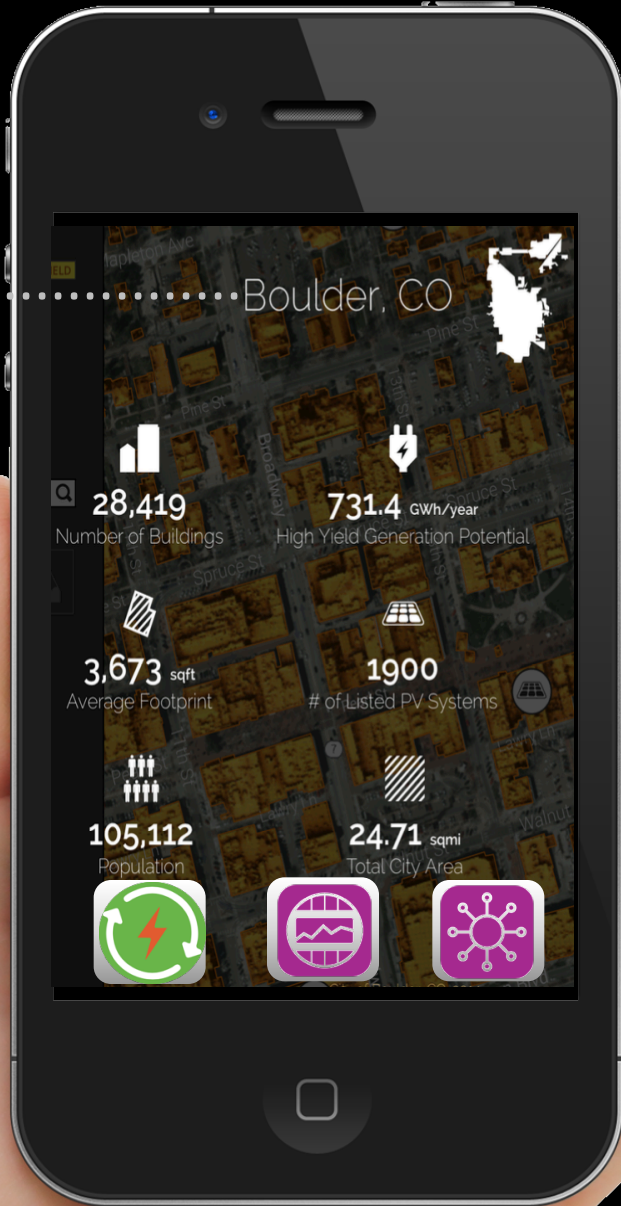
Zip Code Asset Development App

ZipPower

Zip Code Asset Aggregation App

ZipPower

Zip Code Asset Aggregation App



Assess & Select



Finance & Build

Your Configuration

75kW

2.09k Trees Planted | 89.8t Carbon Offset | 11 Homes Powered

\$114k Cost | **\$16.3k** Revenue | **7 y** Payback

Hide Metrics

1628 Pearl St
Boulder, CO 80302

DEFAULT | SAVE | INVEST | DRAW

Get Solar! work with the sun®

Financials

Building Type: Commercial
PV System Ownership: Customer

System Size: 74.80kW | Cost per Watt: \$290 | Total Cost: \$216,910

Federal Tax Credit	\$ (65,073)
Solar Rebate	\$ (1,256)
Federal MACRS	\$ (32,249)
Other Deductions	\$ 0
Cost to Owner	\$ 113,708
Net Metering	\$ 974
Xcel Energy Solar*Rewards	\$ 385
Average Monthly Revenue	\$ 1,359
Average Yearly Revenue	\$ 16,313
Payback Period	7 years, 0 months
Net Present Value (10y / 5%)	\$ 28,119
Return (IRR / 10y)	10.1%

Comparative Investments: DOW 7.5;

Network & Share





ZipUP

Guide to Quality of Life
Improvement
App

Health & Wellness



SOLAR BACKPACK LH_612



Buy & Be an Example

Learn & Apply



San Leandro ZipPower Benefits

Clean Community Power and Microgrids



Locally produced energy



Increased real estate value



Locally produced carbon offsets



Improvement of quality of life



Microgrids offer reliable energy



Microgrids can offer lower energy costs



Microgrids reduce carbon pollution



Microgrids spur economic development



Microgrids reduce utility infrastructure costs



San Leandro ZipPower Impact

Impact of 100 Megawatts

What **100 Megawatts** can do for San Leandro over 20 years

ENERGY

25% of city's electricity powered by local and clean energy

\$520M Spent locally versus remote location

\$160M Saved in transmission costs

ECONOMIC

\$60M Saved in power interruptions

\$200M Added local wages

\$20M Site leasing income for land owners

ENVIRONMENT

156,000,000 Pounds Annual reductions in GHG emissions

30,000,000 Gallons Annual water savings

750 Acres Land preserved

Cities



Etc...

Integrator



Capital



Silverbear Capital Inc.



Software



Hardware



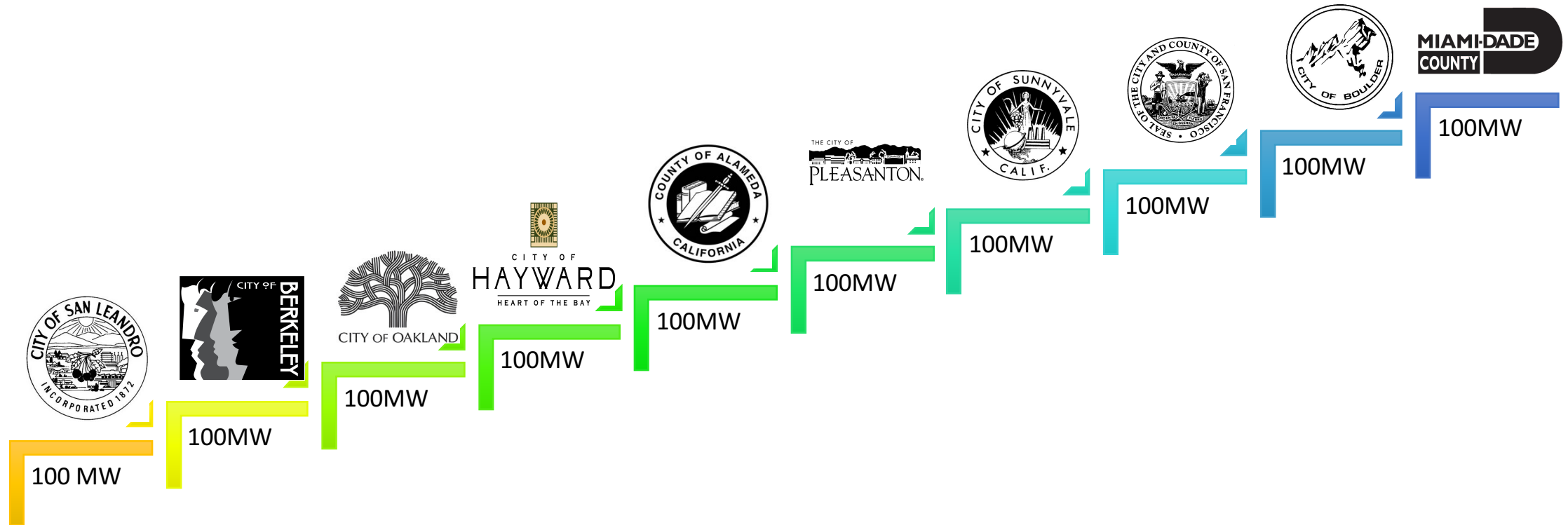
Real Estate



Marketing



One GigaWatt Signed By 2018



ZipPower

A platform for
a ripe market
ready to grow.

Digital
Physical



Yahoo!
Market Guide



Natcom
Market Growth



ZipPower
Market Place



Olidata Smart Cities
Market Maker



City of San Leandro
Market Animation



Guide
verb. To direct or
have influence on
the course of action
of someone or something.