SCAG
INNOVATING FOR A BETTER TOMORROW

Toolbox Tuesday Training Webinar

June 6, 2017

www.GreenTRIP.org

Ann Cheng
GreenTRIP Program Director

Michael Dieden
Creative Housing Associates

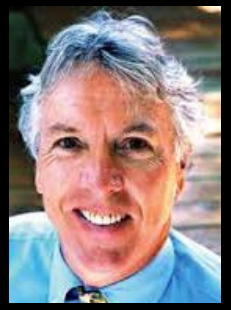
David Somers
City of Los Angeles

TransForm
Our communities. Our transportation. Our future.

Agenda

1. 15 minutes – GreenTRIP, Ann Cheng

2. 10 minutes - Empire Yards, Rancho Cucamonga, Michael Dieden



3. 15 minutes - City of Los Angeles, David Somers

4. 30 minutes - Questions & Answers

GreenTRIP

1. Introduction to GreenTRIP
2. GreenTRIP Connect Case Study
3. Next Steps

Connect.GreenTRIP.org

Purpose: Show how GreenTRIP Connect can help support a Southern California with more affordable homes, less traffic, and more transportation choices!

GreenTRIP

Traffic Reduction + Innovative Parking

www.GreenTRIP.org

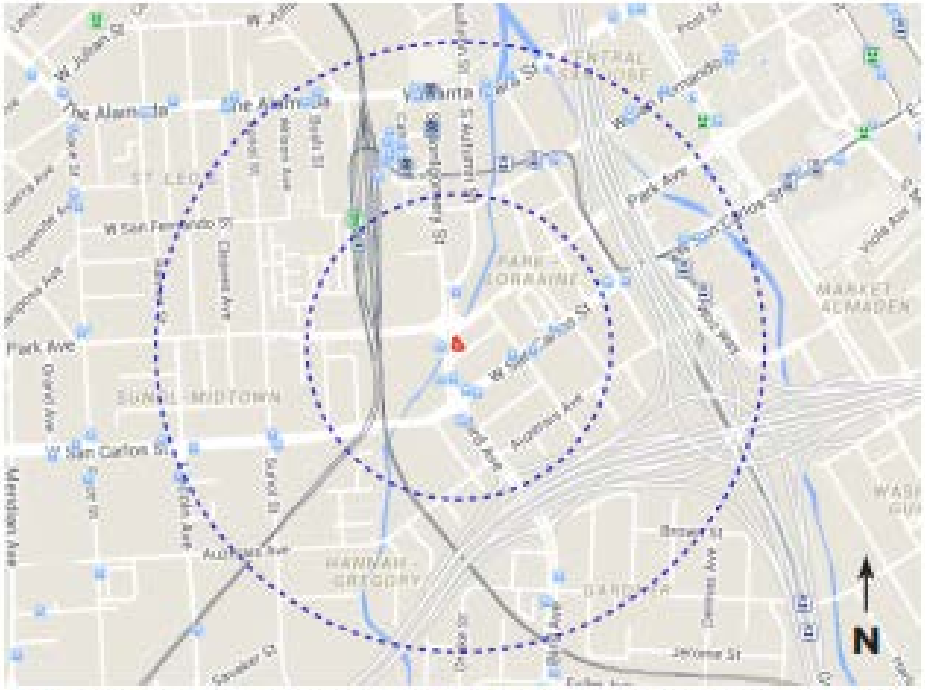
PROJECT EVALUATION REPORT

MONTGOMERY 7

CONDITIONAL PLATINUM CERTIFICATION
AS OF MAY 11, 2016

First Platinum and Zero Parking Project!

Project Context Map



Concentric circles represent the area within 1/4 and 1/2-mile from the project. Red shading represents the project footprint. Source: Google Maps

Key Project Details:

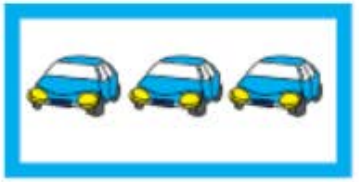
- 0.08 acres, 54 units, 9 stories
- Offer Two Free VTA ECOPasses per unit for 40 years
- 3 shared smart cars on-site, with $200 yearly driving credit per unit for 40 years.
- 108 secured, protected bike parking spaces (at least 1 per unit) on each floor.
- 1 on-site bikeshare station with 1 free membership per unit for 40 years.
- Travel concierge on-site
- Marketing and education to residents about travel choices
- 2 shared cargo bikes
- Transit info screen installed in lobby

San Jose Diridon Station Area - Montgomery 7
San Jose's first ZERO Parking and Platinum Certified Project!

INITIAL PROPOSAL:
34 units,
zero
parking

Bike Parking On Every Floor

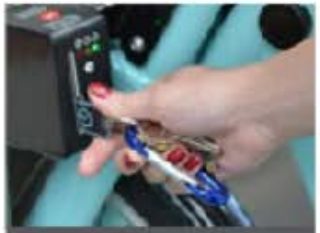
FREE VTA ECOPasses 2 /unit



3 Shared SMART Cars; $200= Annual Driving Credit

108 total secured protected bicycle parking spaces & On-site Travel Concierge

BikeShare Station 20 docking spaces, 9 bikes



Bikeshare memberships

TransitScreen in Lobby

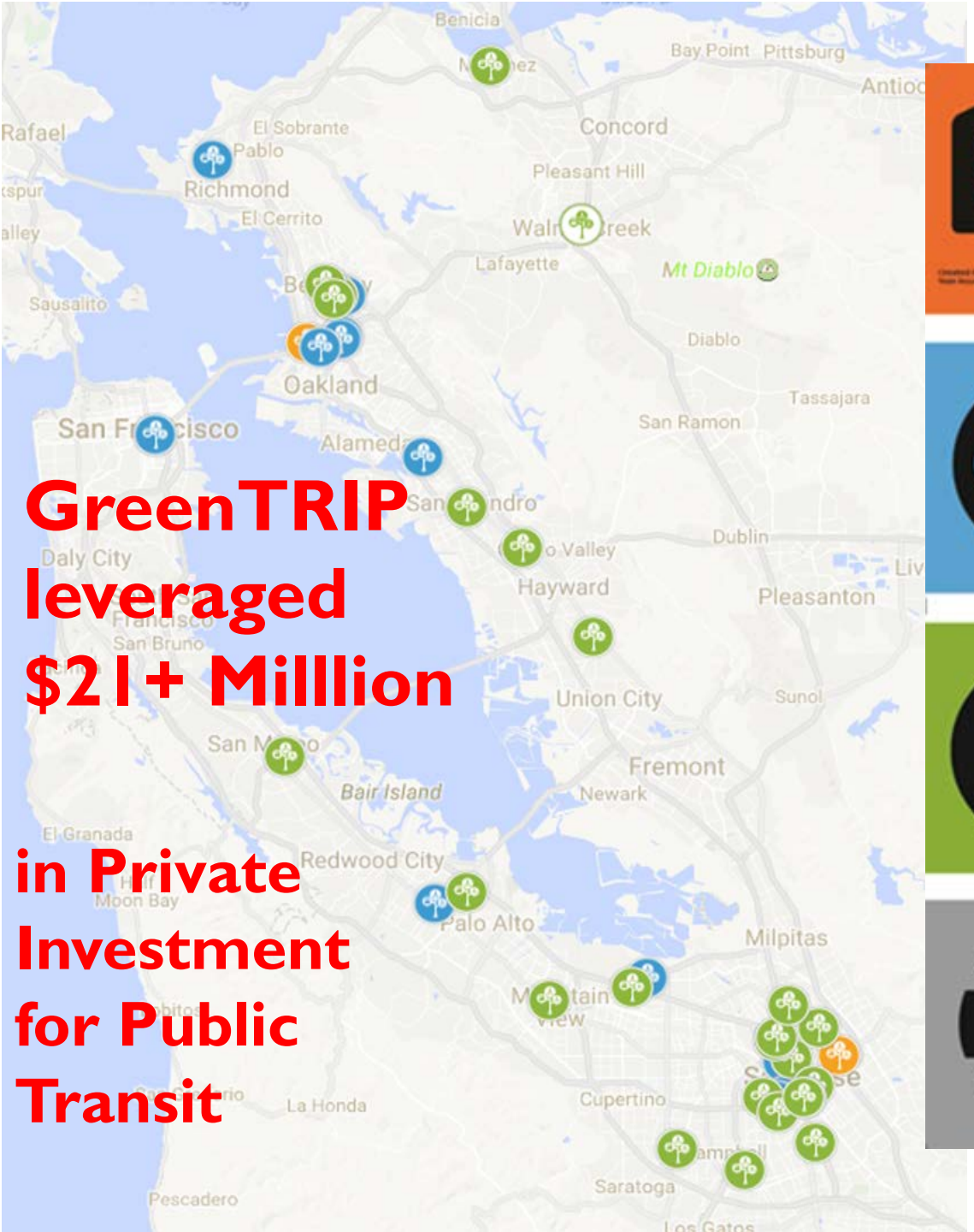
2 Shared Electric Cargo Bikes

AFTER GreenTRIP: Increase to 56 Units

Traffic Reduction Package **$850,000 over 40 years**

Certified Developers

- Anderson Architects
- Barry Swenson Builder
- Blake Griggs Properties
- BRIDGE Housing
- BUILD INC
- City Centric
- Community Housing and Development Corp.
- The CORE Companies
- EBL&S
- Eden Housing
- First Community Housing
- Greenheart Land Co.
- Holliday Development
- LENNAR
- Mid-Peninsula Housing
- Nautilius/RAD Urban
- Panoramic Interests
- Resources for Community Development
- Rhoades Planning Group
- Republic Family of Properties
- Sparx LLC
- Thompson Dorfman
- YHLA



GreenTRIP leveraged $21+ Milllion in Private Investment for Public Transit

6,200
GreenTRIP Certified Homes, of which

1,870
are Affordable Units

25
GreenTRIP Developers committed to housing with great transportation choices

34
GreenTRIP Certified Projects approved

Scale: 1"= 300'
File Number: PDC05-101
Council District: 3
Quard Number: 67
Subject Site

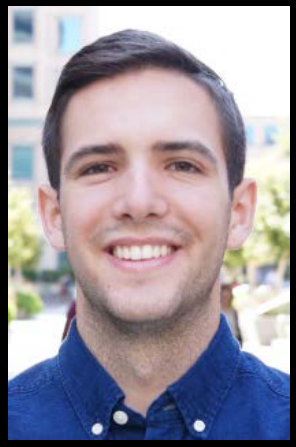
Program

- Certification
- Policy Guidance
- Research & Tools
- Affordable Housing Sustainable Communities (AHSC)

Green TRIP

Ann Cheng
Director

Jennifer West
Senior Program Manager



David Beezer
Program Associate

Nina Rizzo
Planner

Please watch and share the "Why GreenTRIP Connect?" video

Green TRIP **Connect** *beta*

Creating affordable, low-traffic and healthy communities

TransForm

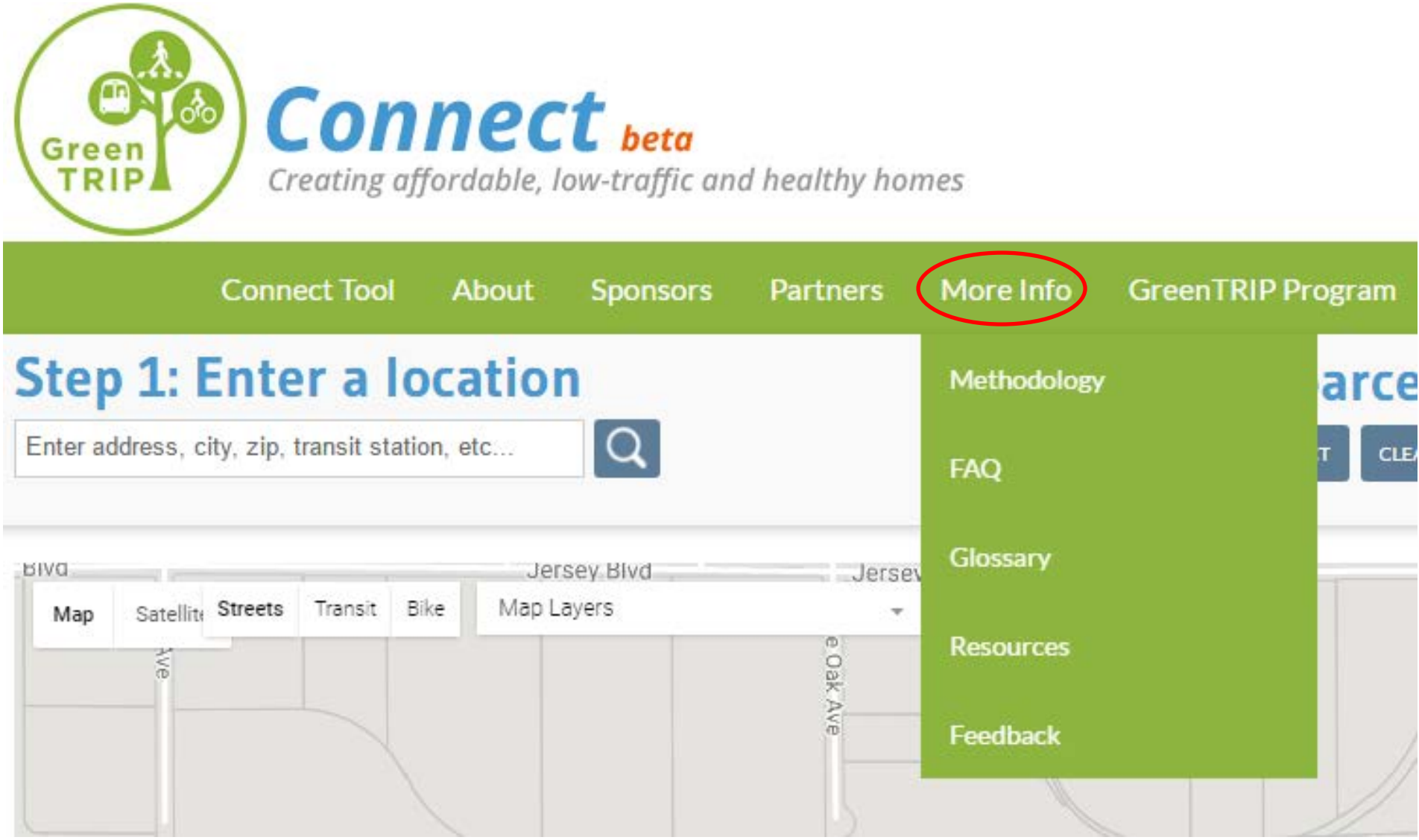
Connect Tool | About | Methodology | Glossary | FAQ | Feedback | GreenTRIP Program

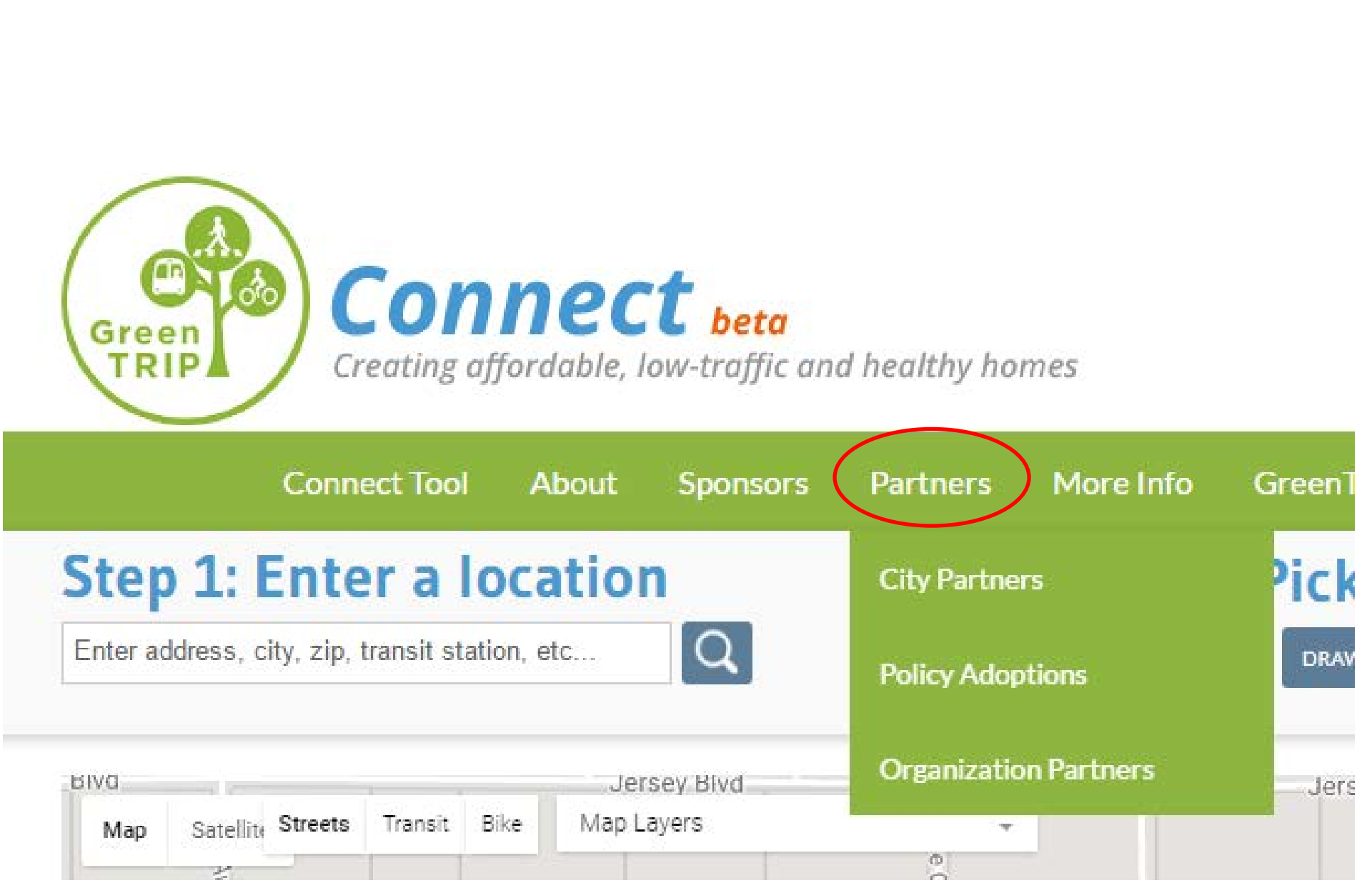
Welcome to GreenTRIP Connect. Connect helps you instantly calculate how smart location, affordable homes and traffic reduction strategies can reduce driving and greenhouse gas emissions from residential development. It also calculates how much money and space can be saved from right-sized parking.

Get Started Using GreenTRIP Connect

Enter address, city, zip, transit station, etc... GO

https://Connect.GreenTRIP.org


Green TRIP
Connect beta
Creating affordable, low-traffic and healthy homes
Connect Tool
About
Sponsors
Partners
More Info
GreenTRIP Program
Step 1: Enter a location
Enter address, city, zip, transit station, etc...
Methodology
FAQ
Glossary
Resources
Feedback
Map
Satellite
Streets
Transit
Bike
Map Layers
Jersey Blvd
Oak Ave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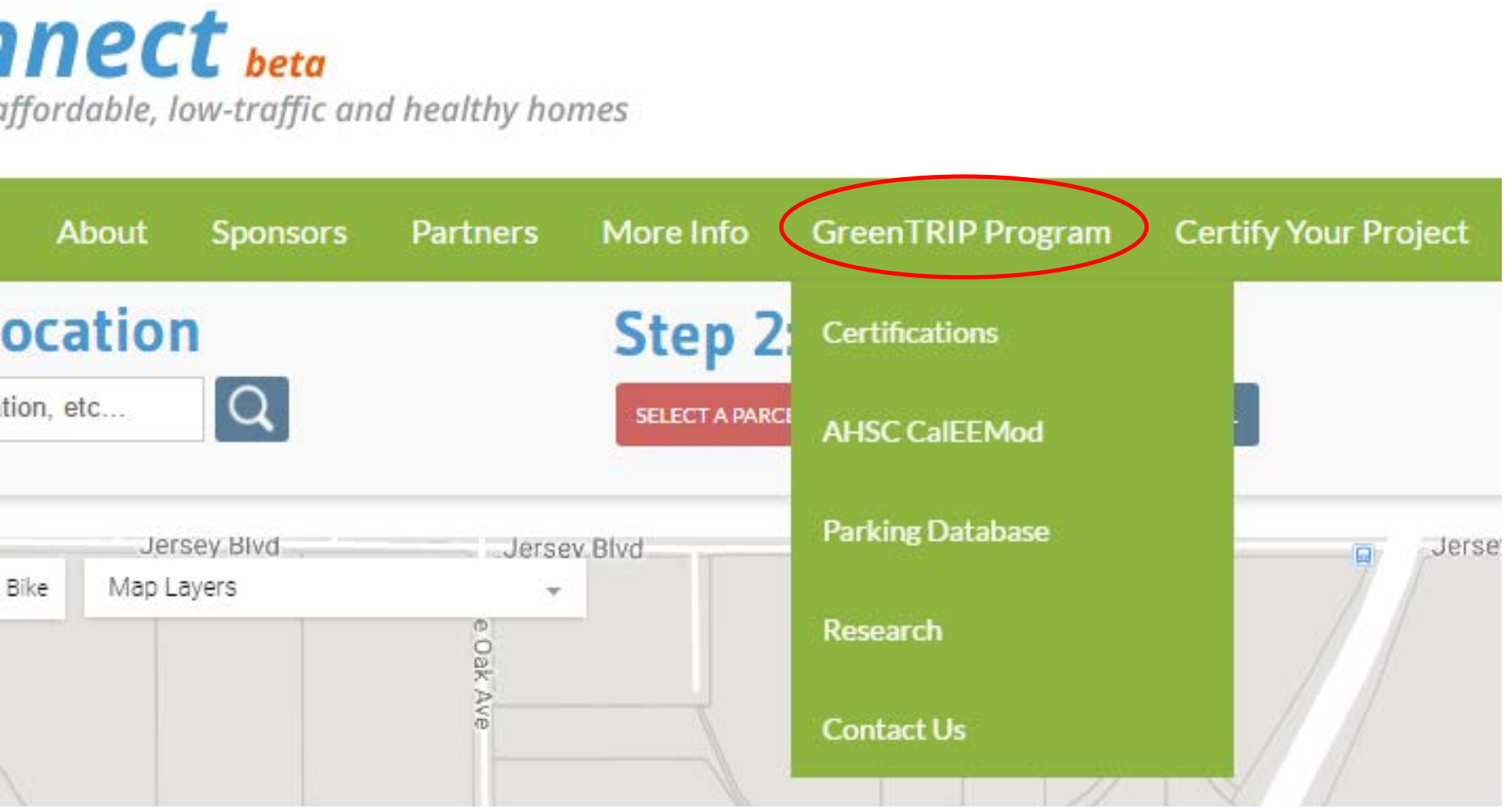
Connect Tool
About
Sponsors
Partners
More Info
GreenT
Step 1: Enter a location
Enter address, city, zip, transit station, etc...
City Partners
Policy Adoptions
Organization Partners
Pick
DRAW
Jersey Blvd
Map
Satellite
Streets
Transit
Bike
Map Layers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affordable, low-traffic and healthy homes
About
Sponsors
Partners
More Info
GreenTRIP Program
Certify Your Project
ocation
tion, etc...
Step 2
SELECT A PARCE
Certifications
AHSC CalEEMod
Parking Database
Research
Contact Us
Jersey Blvd
Jersey Blvd
Bike
Map Layers
e Oak Ave

Connect beta

Creating affordable, low-traffic and healthy homes

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Connect Tool | About | Sponsors | Partners | More Info | GreenTRIP Program | Certify Your Project

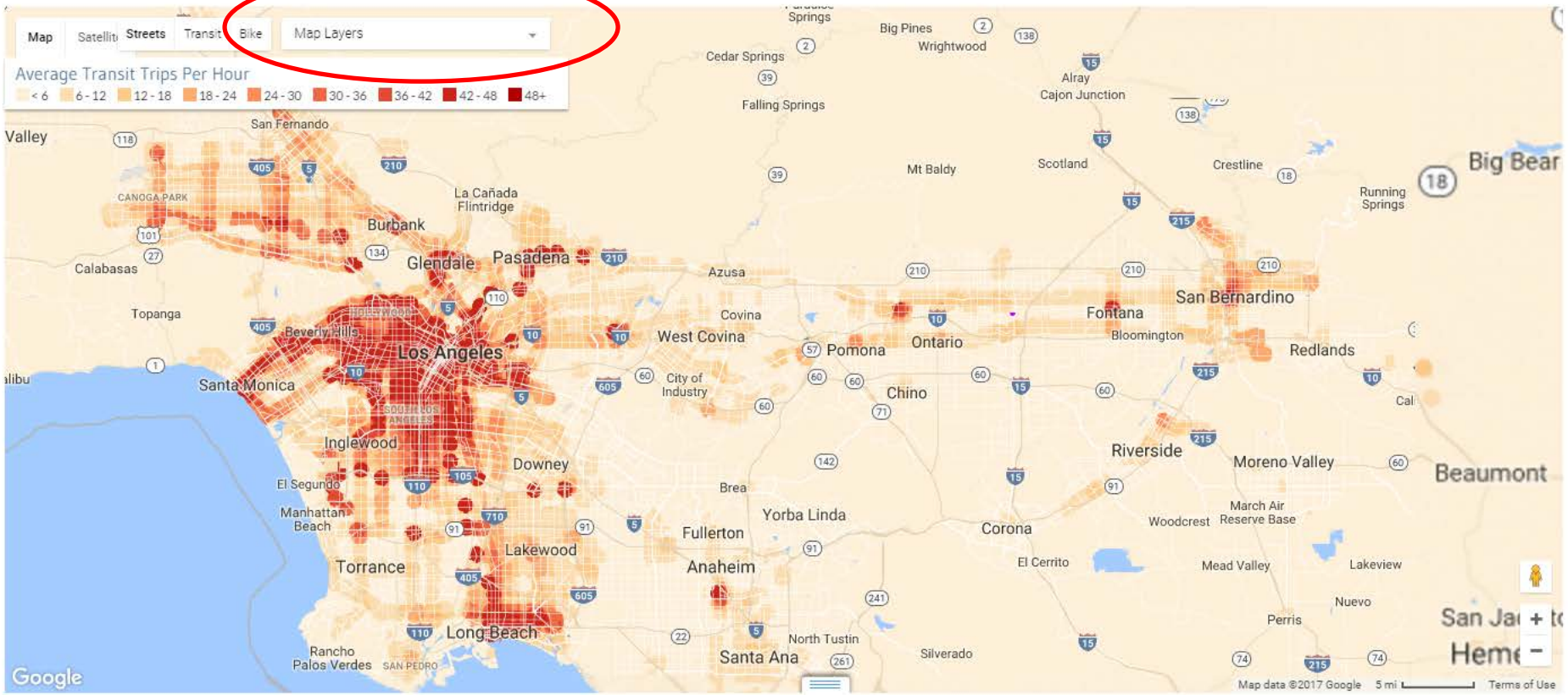
Step 1: Enter a location

Enter address, city, zip, transit station, etc...

Step 2: Pick a parcel

SELECT A PARCEL | DRAW TO SELECT | CLEAR PARCEL

VIDEO | LAUNCH TOUR



Connect beta

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Connect Tool | About | Sponsors | Partners | More Info | GreenTRIP Program | Certify Your Project

Step 1: Enter a location

ranch

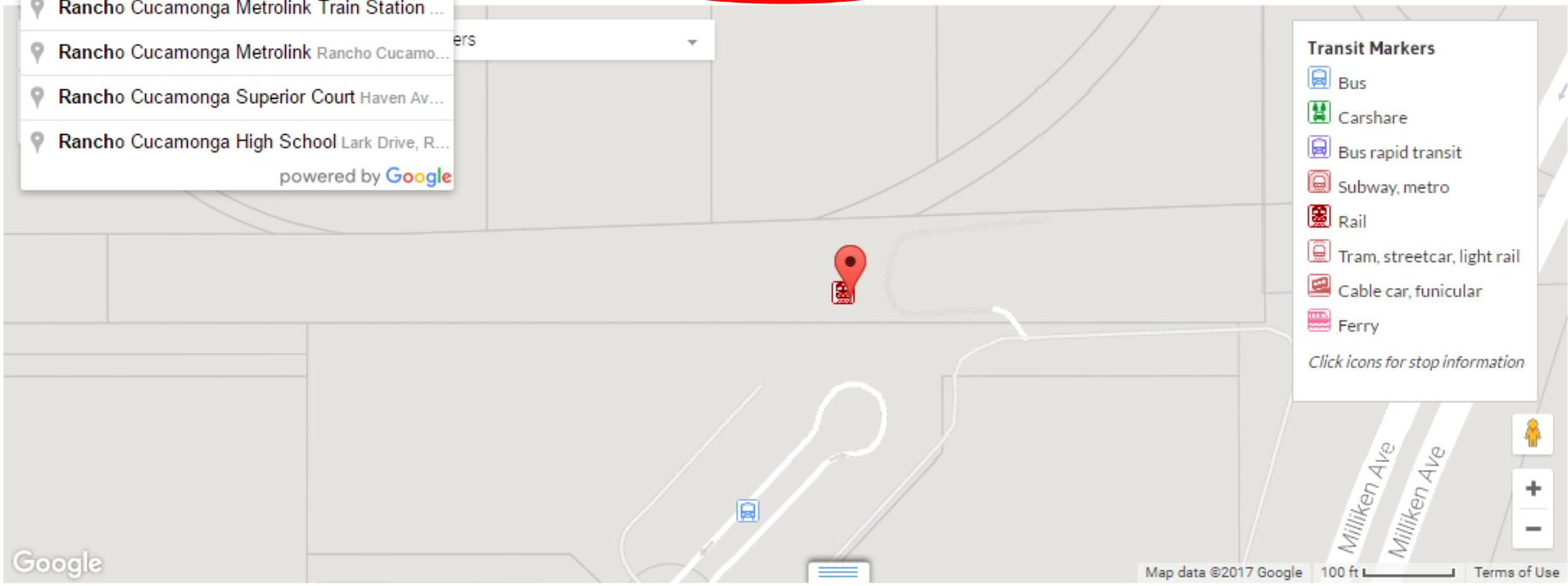
- Rancho Cucamonga CA, United States
- Rancho Cucamonga Metrolink Train Station ...
- Rancho Cucamonga Metrolink Rancho Cucamo...
- Rancho Cucamonga Superior Court Haven Av...
- Rancho Cucamonga High School Lark Drive, R...

powered by Google

Step 2: Pick a parcel

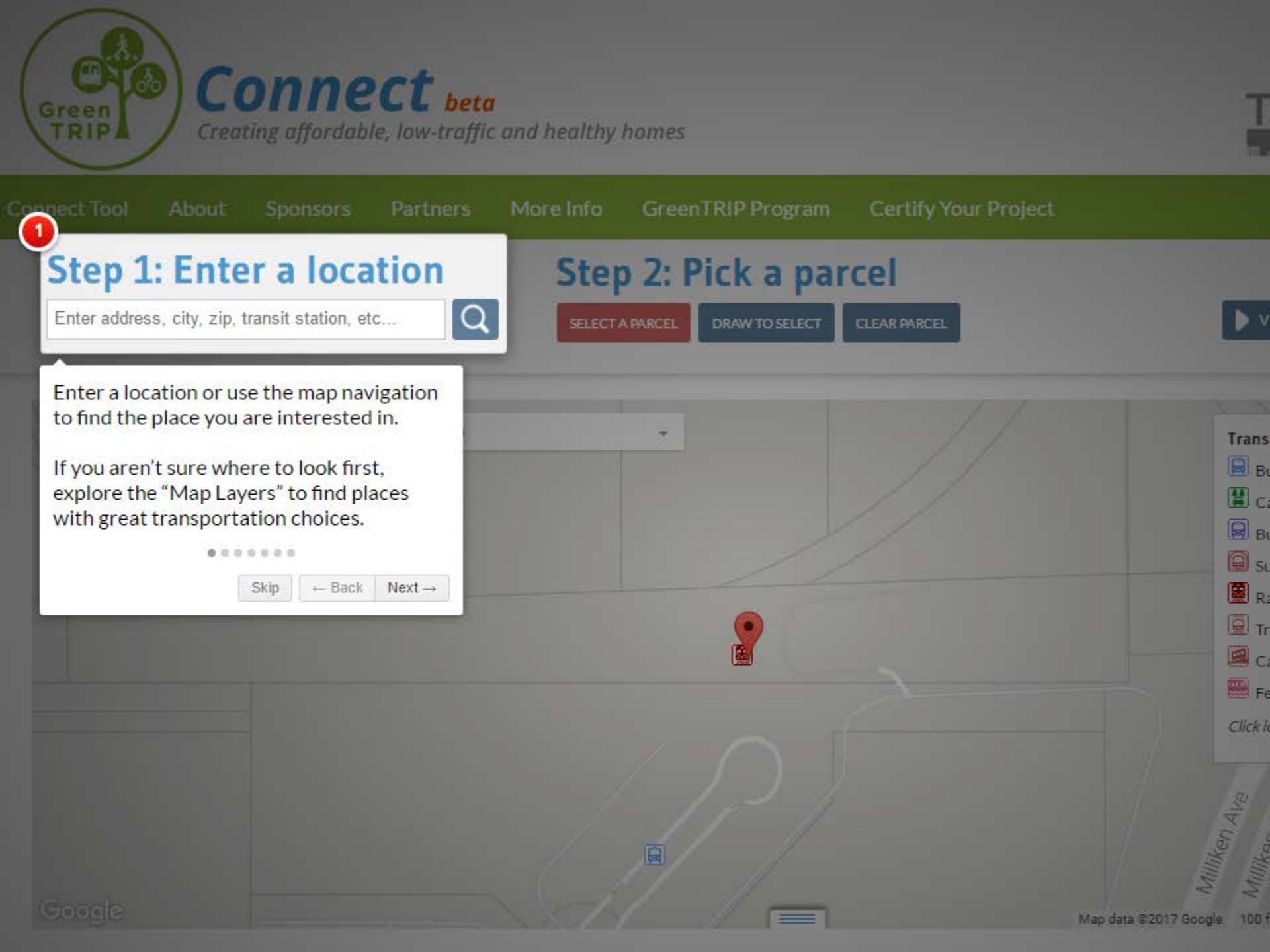
SELECT A PARCEL | DRAW TO SELECT | CLEAR PARCEL

VIDEO | LAUNCH TOUR



Step 3: Tell us about the project

GreenTRIP Connect dashboard for your project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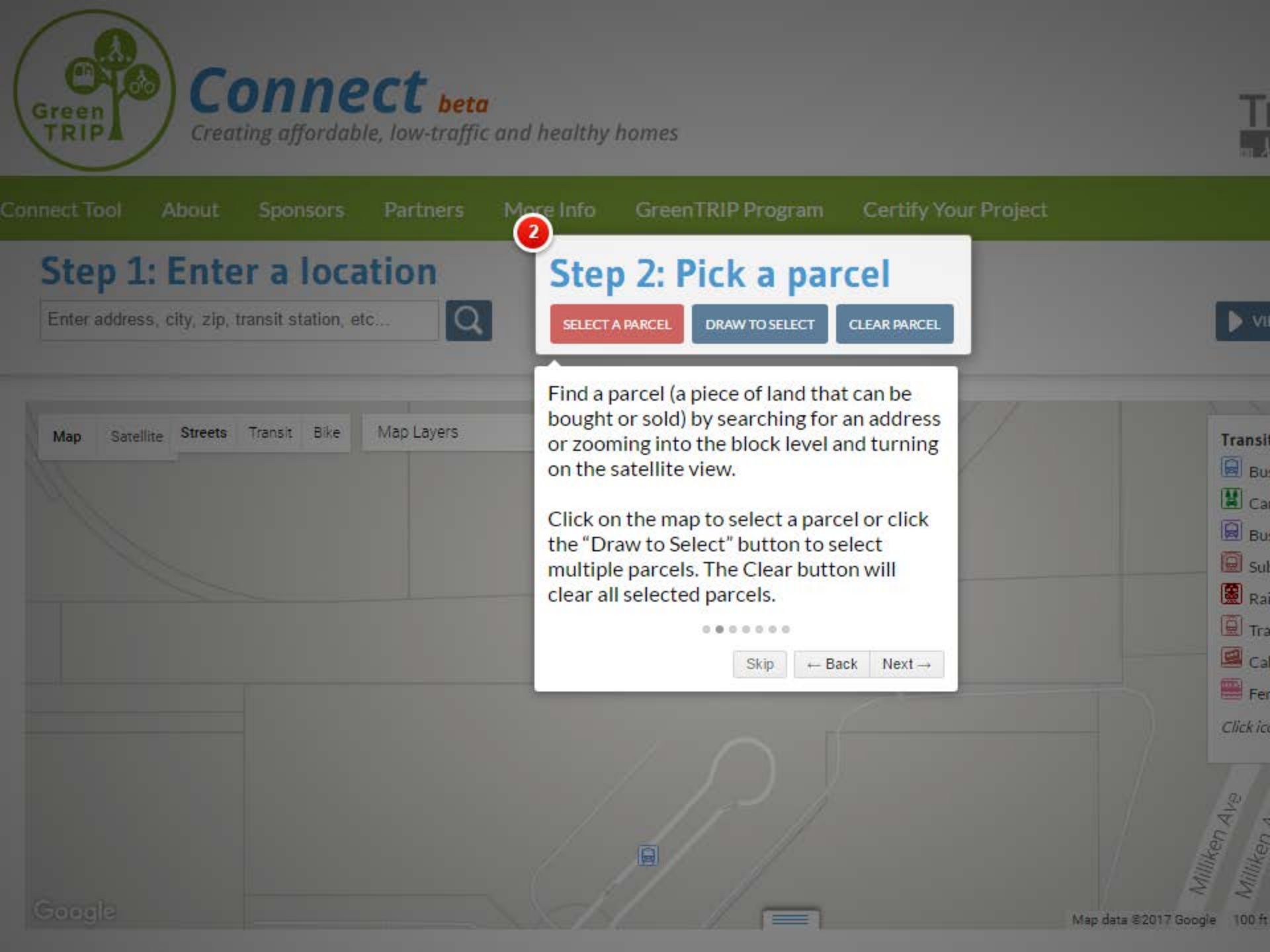
Certify Your Project
1
Step 1: Enter a location
Enter address, city, zip, transit station, etc...
Step 2: Pick a parcel
SELECT A PARCEL
DRAW TO SELECT
CLEAR PARCEL
Enter a location or use the map navigation to find the place you are interested in.
If you aren't sure where to look first, explore the "Map Layers" to find places with great transportation choices.
Skip
← Back
Next →
Google
Map data ©2017 Google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Certify Your Project
2
Step 1: Enter a location
Enter address, city, zip, transit station, etc...
Step 2: Pick a parcel
SELECT A PARCEL
DRAW TO SELECT
CLEAR PARCEL
Find a parcel (a piece of land that can be bought or sold) by searching for an address or zooming into the block level and turning on the satellite view.
Click on the map to select a parcel or click the "Draw to Select" button to select multiple parcels. The Clear button will clear all selected parcels.
Skip
← Back
Next →
Map
Satellite
Streets
Transit
Bike
Map Layers
Google
Map data ©2017 Google
100 ft

Step 1: Enter a location

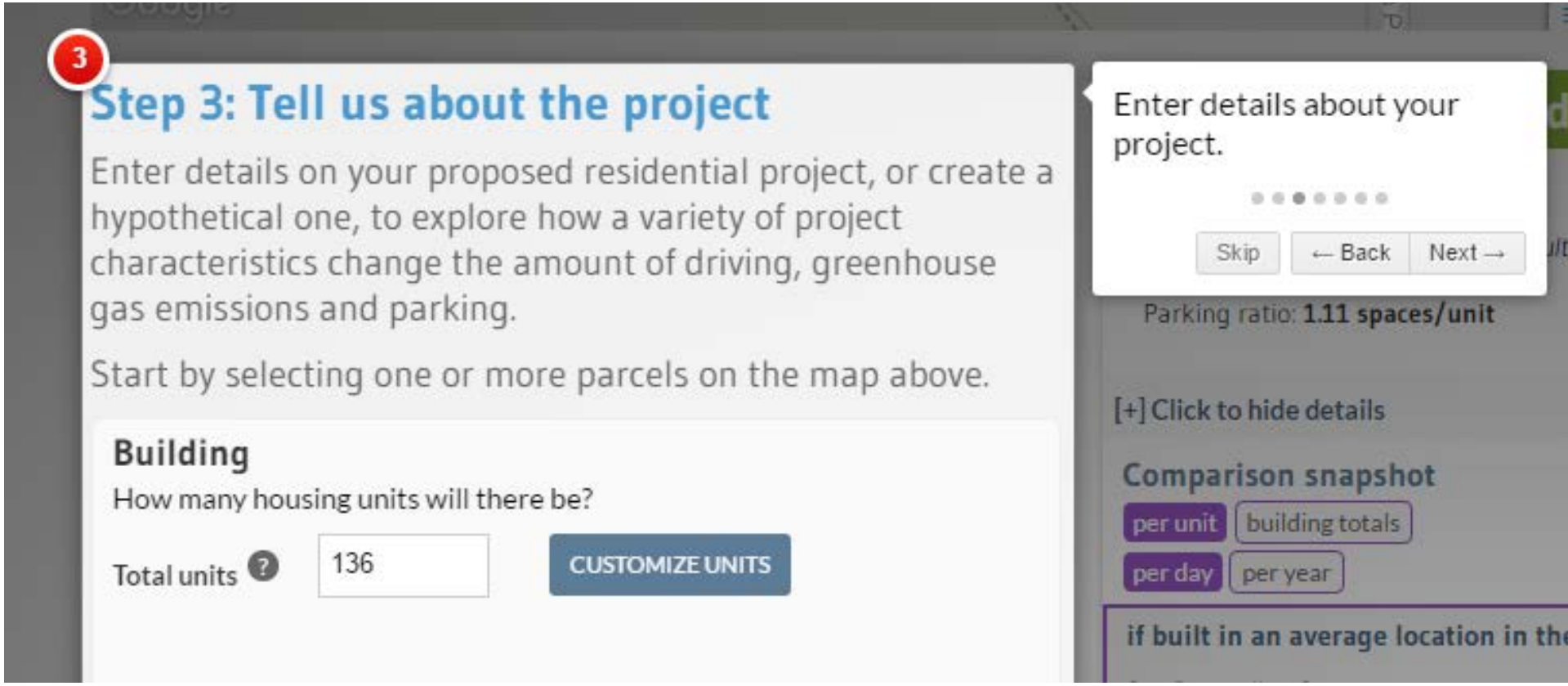
Enter address, city, zip, transit station, etc...

Step 2: Pick a parcel

SELECT A PARCEL | DRAW TO SELECT | CLEAR PARCEL

Step 3: Tell us about the project

GreenTRIP Connect dashboard for your proje


3
Step 3: Tell us about the project
Enter details on your proposed residential project, or create a hypothetical one, to explore how a variety of project characteristics change the amount of driving, greenhouse gas emissions and parking.
Start by selecting one or more parcels on the map above.
Building
How many housing units will there be?
Total units
136
CUSTOMIZE UNITS
Enter details about your project.
Skip
← Back
Next →
Parking ratio: 1.11 spaces/unit
[+] Click to hide details
Comparison snapshot
per unit
building totals
per day
per year
if built in an average location in th

Green TRIP **Connect** *beta*

Creating affordable, low-traffic and healthy homes

Q: Why does the unit field auto-fill?

A: Once you pick a parcel Connect uses that parcel's county to auto-fill the "average" building size in that county by unit count. This is also how the building defaults are auto-filled in "Customize Units" drop-down. Mix of Unit sizes by bedroom and average rents are based on PUMS data for this county.

d residential project, or create a
ow a variety of project
nount of driving, greenhouse

e parcels on the map above.

be?

Total units ? 250 CUSTOMIZE UNITS

Tool Tips

Drop Down Menus

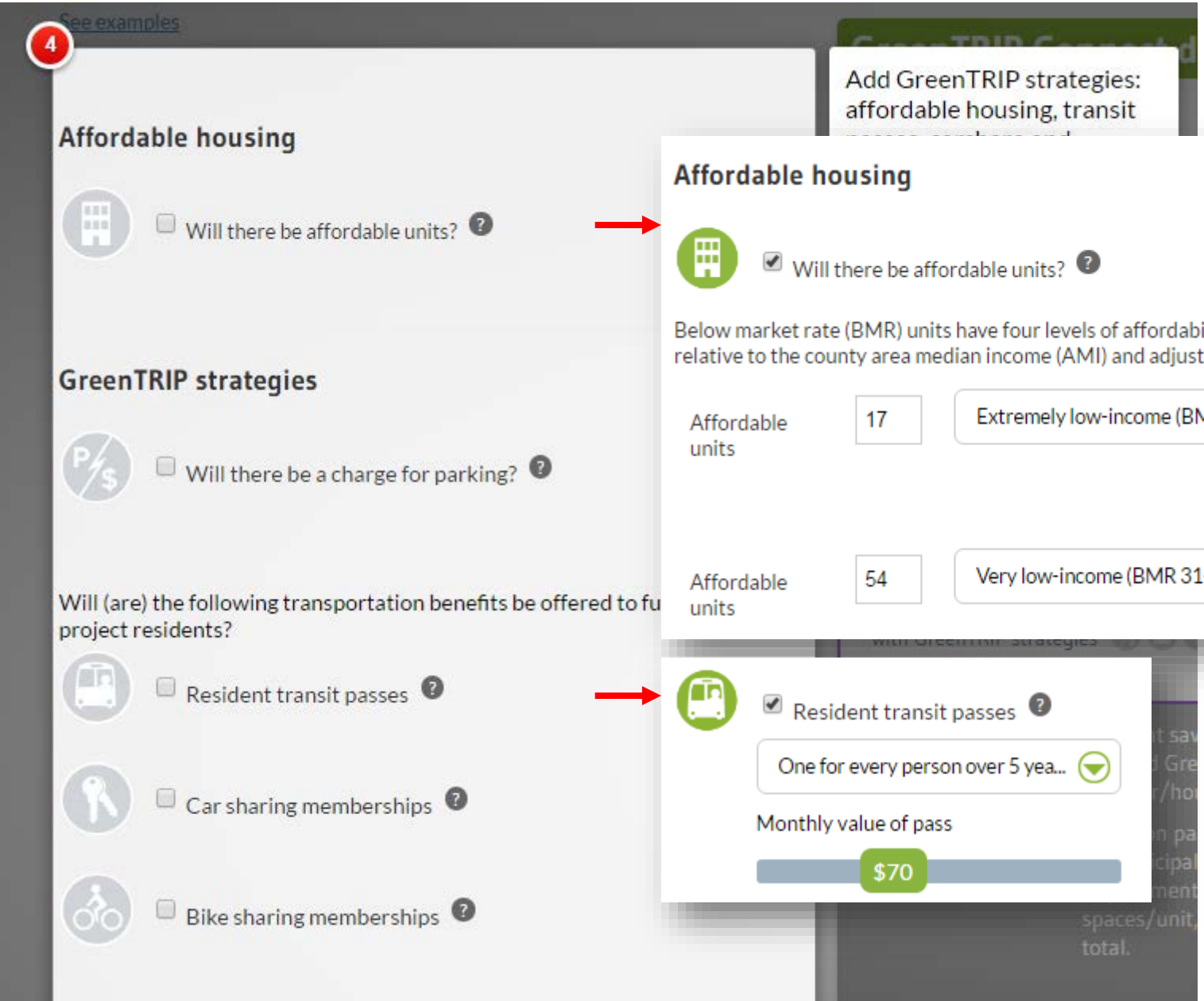
The default characteristics below are based on a typical building with 250 units in the geography you selected. Edit the unit characteristics below if you know them.

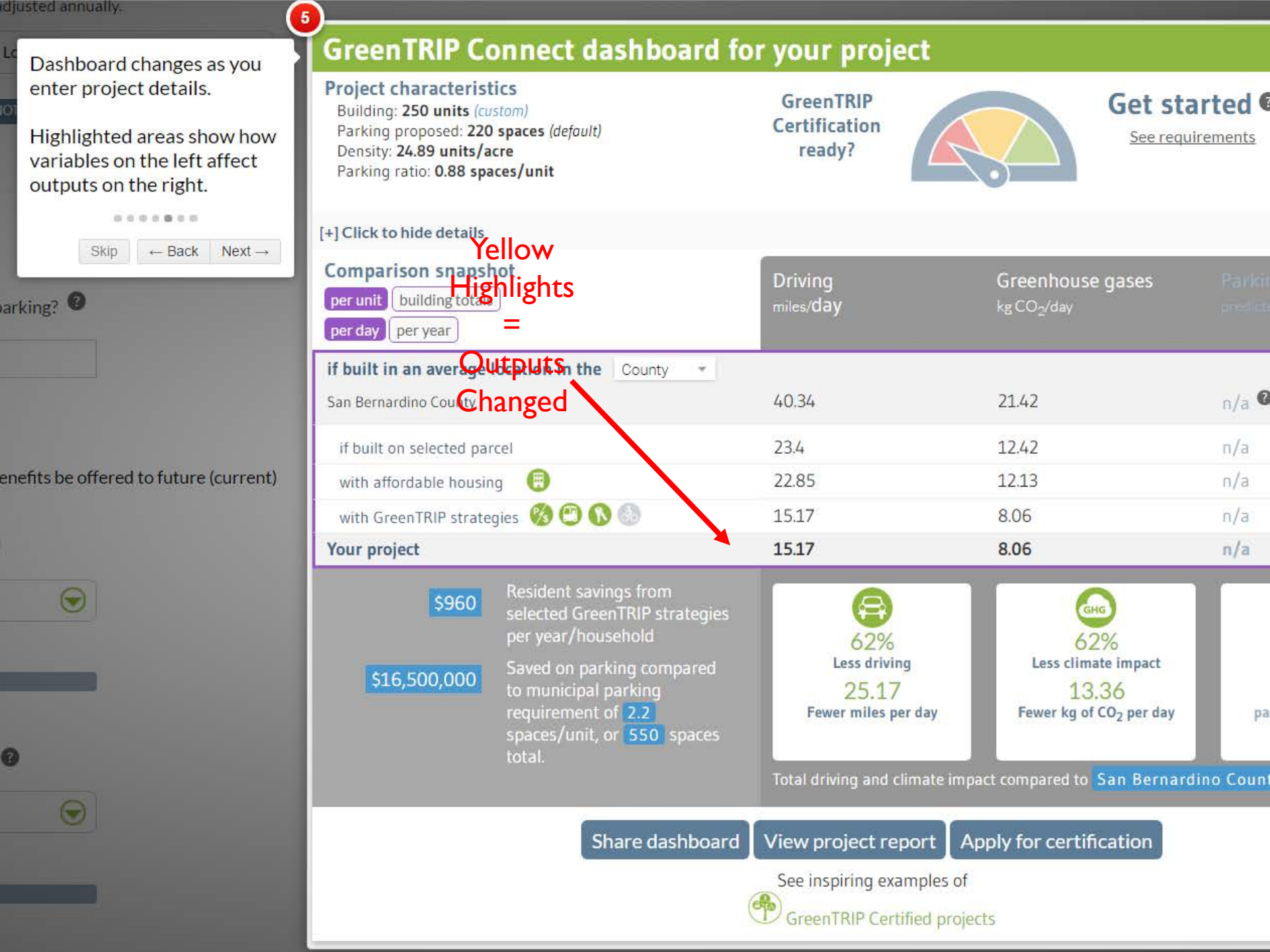
	Number of units	Estimated avg. sq. ft.	Expected rent ($/mo)
Studio	0		
1 BR	105	660	1682
2 BR	115	850	1682
3+ BR	30	1100	1892
Total	250 units	800	1707

RESTORE DEFAULTS

Green TRIP **Connect** *beta*

Creating affordable, low-traffic and healthy homes




djusted annually.
5
Dashboard changes as you enter project details.
Highlighted areas show how variables on the left affect outputs on the right.
Skip
← Back
Next →
arking?
enefits be offered to future (current)
GreenTRIP Connect dashboard for your project
Project characteristics
Building: 250 units (custom)
Parking proposed: 220 spaces (default)
Density: 24.89 units/acre
Parking ratio: 0.88 spaces/unit
GreenTRIP Certification ready?
Get started
See requirements
[+] Click to hide details
Yellow Highlights = Outputs Changed
Comparison snapshot
per unit
building totals
per day
per year
Driving miles/day
Greenhouse gases kg CO2/day
if built in an average location in the County
San Bernardino County 40.34 21.42 n/a
if built on selected parcel 23.4 12.42 n/a
with affordable housing 22.85 12.13 n/a
with GreenTRIP strategies 15.17 8.06 n/a
Your project 15.17 8.06 n/a
$960
Resident savings from selected GreenTRIP strategies per year/household
$16,500,000
Saved on parking compared to municipal parking requirement of 2.2 spaces/unit, or 550 spaces total.
62%
Less driving
25.17
Fewer miles per day
62%
Less climate impact
13.36
Fewer kg of CO2 per day
Total driving and climate impact compared to San Bernardino Count
Share dashboard
View project report
Apply for certification
See inspiring examples of
GreenTRIP Certified projects

GreenTRIP Connect dashboard for your project

Project characteristics

Building: **250 units** *(custom)*
Parking proposed: **220 spaces** *(default)*
Density: **24.89 units/acre**
Parking ratio: **0.88 spaces/unit**

GreenTRIP Certification ready?

Get started

See requirements

Toggles

Change Comparison

[+] Click to hide details

Comparison snapshot

per unit | building totals
per day | per year

if built in an average location in the County

	Driving miles/day	Greenhouse gases kg CO_2/day	Parking spaces predicted use
San Bernardino County	40.34	21.42	n/a
if built on selected parcel	23.4	12.42	n/a
with affordable housing	22.85	12.13	n/a
with GreenTRIP strategies	15.17	8.06	n/a
Your project	**15.17**	**8.06**	**n/a**

County
City
Region

$960 Resident savings from selected GreenTRIP strategies per year/household

$16,500,000 Saved on parking compared to municipal parking requirement of 2.2 spaces/unit, or 550 spaces total.

62% Less driving
25.17 Fewer miles per day

62% Less climate impact
13.36 Fewer kg of CO_2 per day

n/a parking used
n/a parking spaces used

Total driving and climate impact compared to San Bernardino County average.

Share dashboard | View project report | Apply for certification

Project characteristics
Building: **250 units** *(custom)*
Parking proposed: **220 spaces** *(default)*
Density: **24.89 units/acre**
Parking ratio: **0.88 spaces/unit**

GreenTRIP Certification ready?

Get started
See requirements

[+] Click to hide details

Comparison snapshot
per unit | building totals
per day | per year

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25.17 Fewer miles per day

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13.36 Fewer kg of CO_2 per day

n/a parking used
n/a parking spaces used

Total driving and climate impact compared to San Bernardino County average.

6

See the full Connect project report.

Get detailed input and outputs.

Apply for certification

See inspiring examples of GreenTRIP Certified projects

[+] Click to hide details

Comparison snapshot

660 | 1682

850

1100

800

Parking ratio: **0.88 spaces/unit**

Share this project with this URL:

http://connect.greentrip.org/map-tool.php?p=41557

Open link in new tab or window | Close

"Permalink" has a unique 5 Digit Numeric Code

Share project URL by emailing GreenTRIP staff at GreenTRIPInfo@transformca.org to determine if it might be eligible for certification.

with affordable housing

View project report | Apply for certification

See inspiring examples of GreenTRIP Certified projects

7

Share your GreenTRIP Connect scenario with city staff, city council members, planning commissioners or neighorhood groups.

Done | ← Back | Next →

NEXT STEPS

- **Discussions with SCAG to bring GreenTRIP Certification to Southern California**
- **Looking for partners to bring City of L.A. Parking Data and Parking Prediction online**
- **Contact Jennifer West for Support for AHSC**

Green TRIP Connect beta

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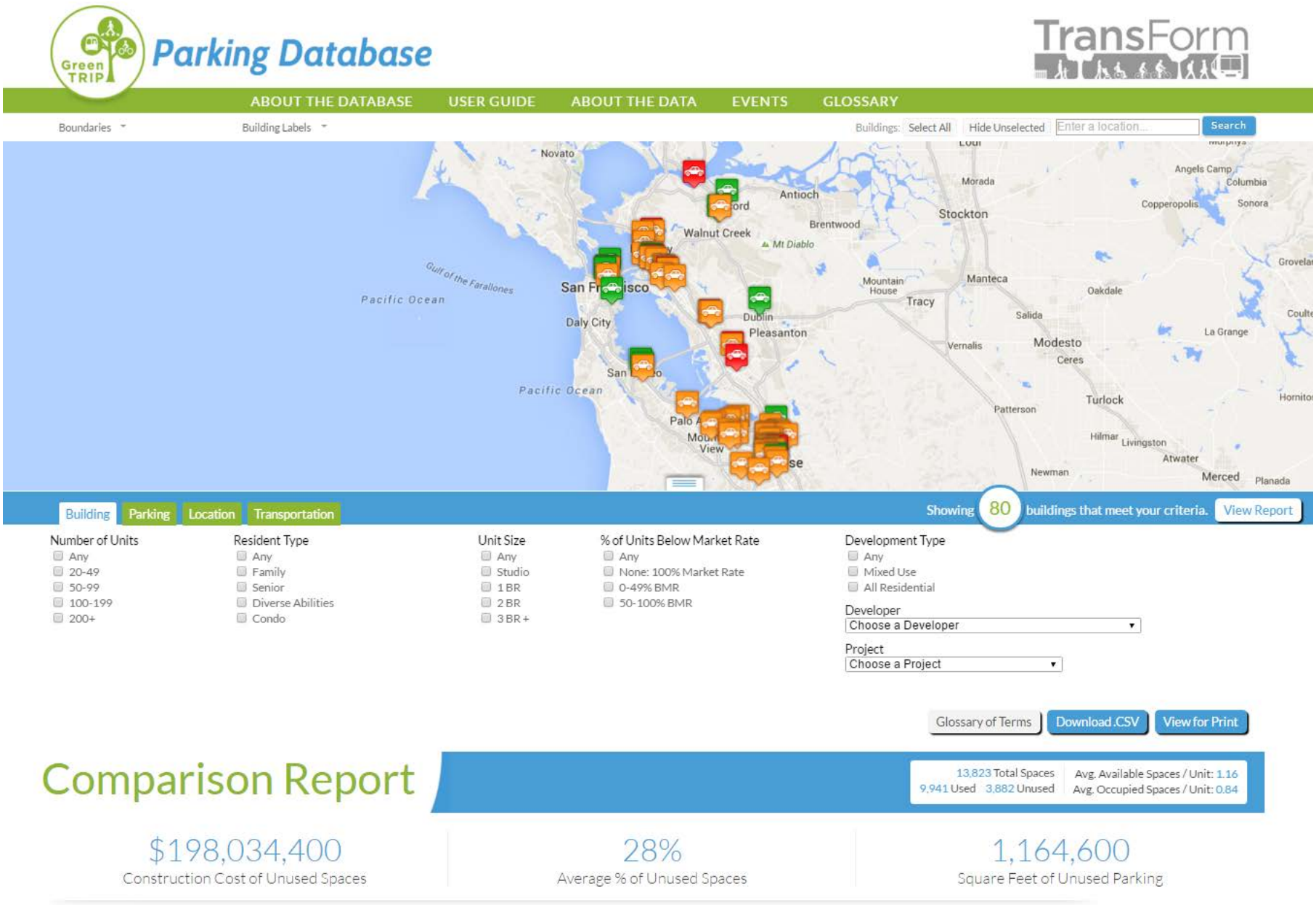
http://Database.GreenTRIP.org