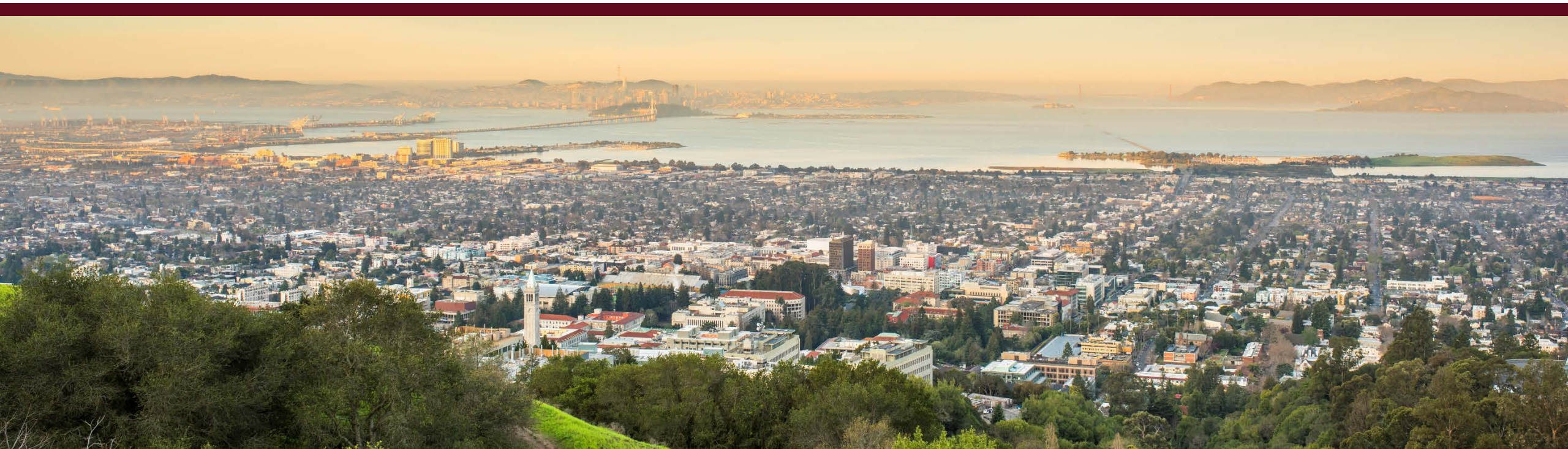


Berkeley Electric Mobility Updates

FITES Committee

March 3, 2021

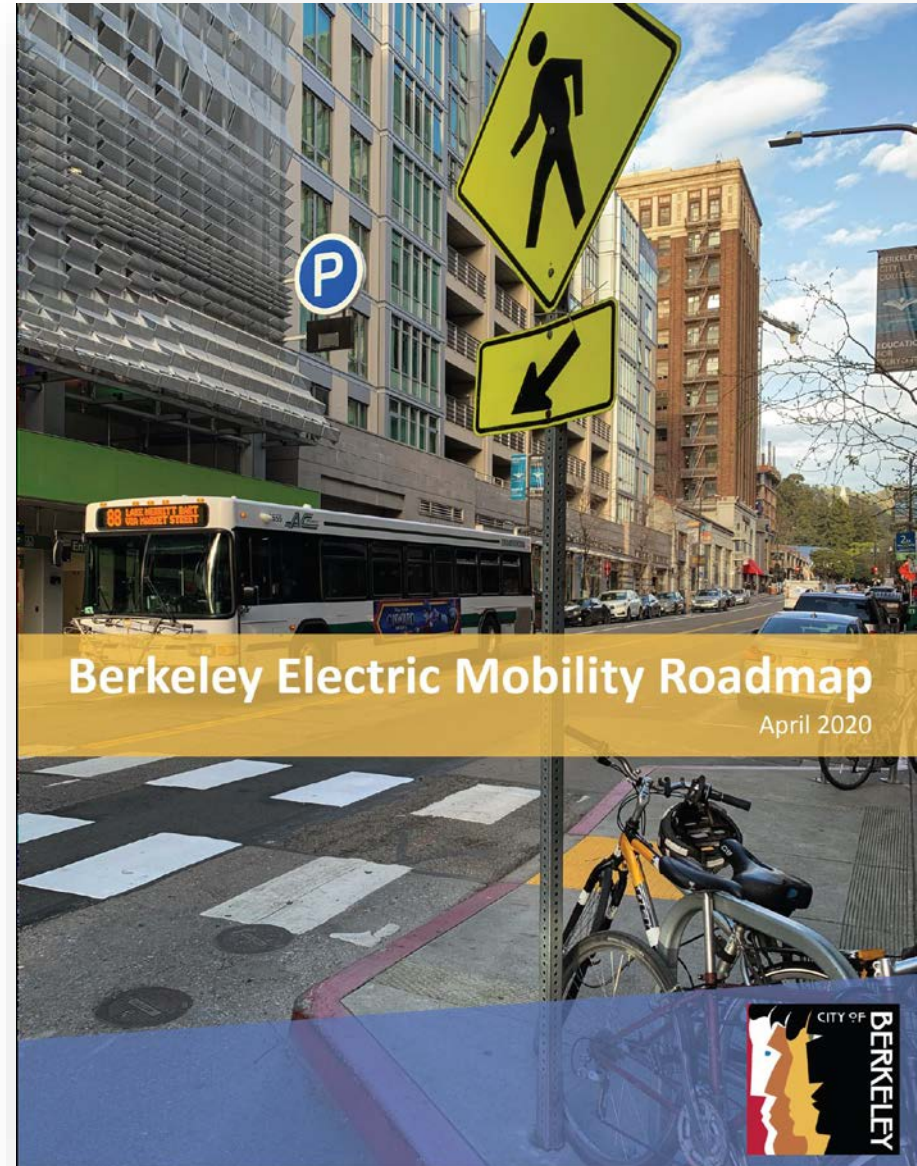


Electric Mobility Roadmap



Vision: Create a fossil fuel-free transportation system that:

- Supports the City's ongoing efforts to increase walking, biking, and public transportation use in Berkeley
- Ensures equitable access to the benefits of clean transportation



Electric Mobility Roadmap

Roadmap Goals

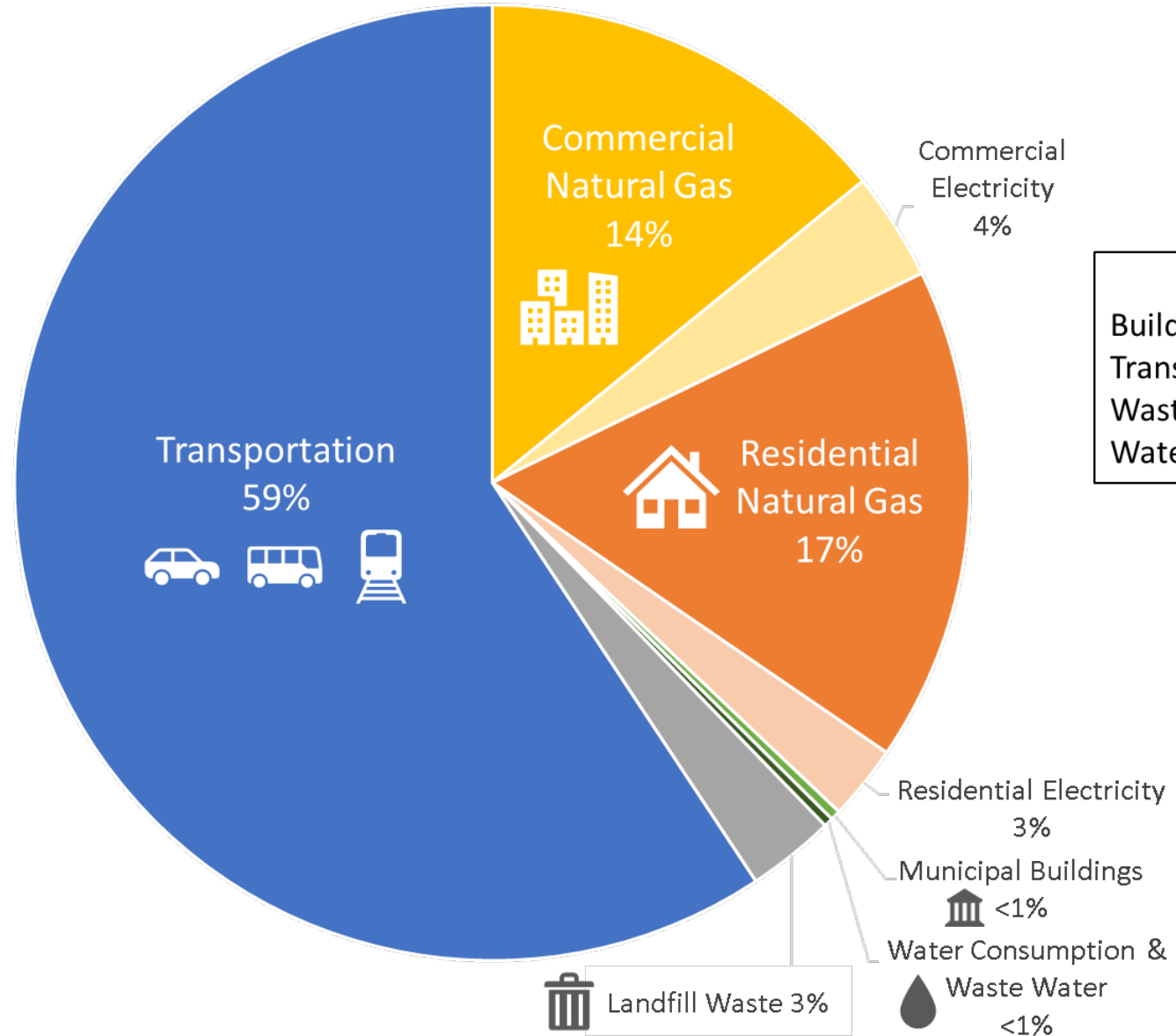
- Ensure Equity in Access to Electric Mobility
- Improve Alternatives to Driving
- Achieve Zero Net Carbon Emissions
- Demonstrate City Leadership



Achieve Zero Net Carbon

Strategies include:

- EV Charging in New and Existing Buildings
- Public EV Charging on City Property
- Private EV Charging Site Hosts
- Electric Mobility Education and Outreach



Summary:
Buildings: 37%
Transportation: 59%
Waste: 3%
Water: <1%

Curbside Residential Charging Pilot

- For residents without off-street parking
 - New on-site space or curbside
- Launched Dec 2014
 - Extended through Dec 2020
- Property owner financed (& controlled use)
- EV charging station, not outlet alone
- Street parking remains available to all



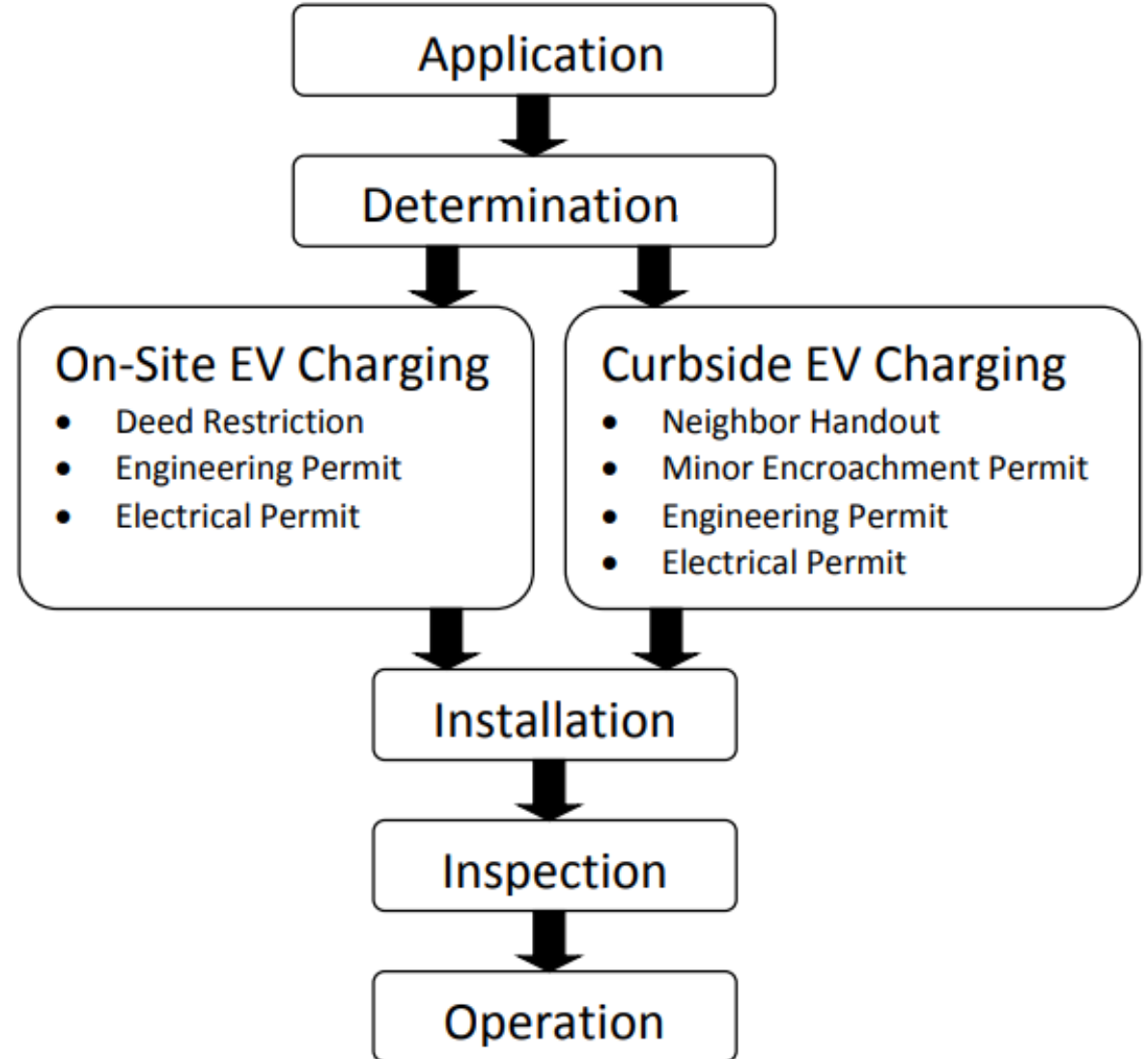
Pilot Applications



62 Applications

- On-site charging
 - 9 qualified, 4 installed
- Curbside charging
 - 36 qualified, 7 installed
- Not eligible
 - 16 didn't qualify and 1 withdrawn

- Only 6 applications and 2 installations in the last 3 years



Pilot Findings and Next Steps

- Strong interest, but few installations
 - Expense
 - Access concerns
- Researching/vetting potential alternatives or additions to increase access and equity
 - Cord cover programs
 - DCFC hubs
 - EBCE
 - Commercial curbside programs



EV Charging in New and Existing Buildings



- New construction requirements for EV charging (CALGreen amendment)
- 146 publicly-available EV charging ports in Berkeley (Oct 2020)
 - 73 provided by City of Berkeley
- Monitor and share utility/grant opportunities



Electric Mobility Education and Outreach



EVs are ready for you...
and your best friend.

Electrify Your Ride Event



Drive Clean Bay Area

Improve Alternatives to Driving



Hello, Oakland and Berkeley!

Revel electric mopeds make getting around easier and more fun. Just download the app and go!

[DOWNLOAD & GO](#)



Ensure Equity in Access to Electric Mobility



Equality



Equity



Thank You!



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