



Sustainable Streets Division

Planning

› Policy and Long-Range Planning

›› Sustainability

Tim Doherty, Senior Planner

SFMTA Intern PechaKucha Challenge

August 3, 2018

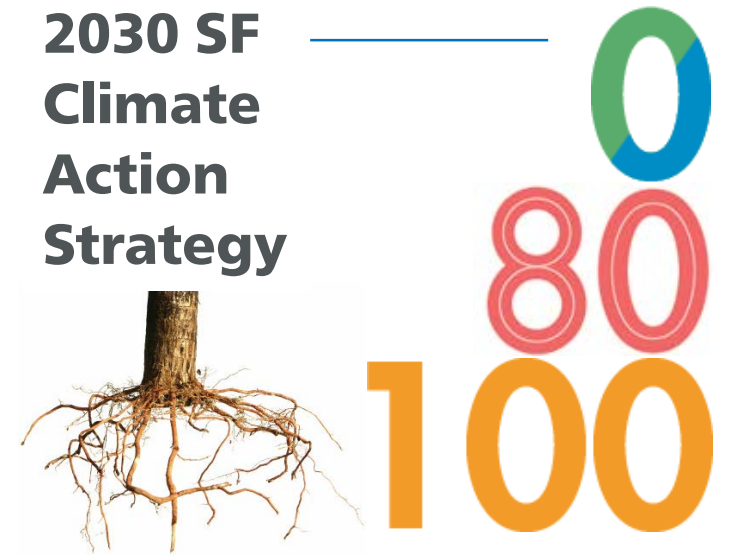
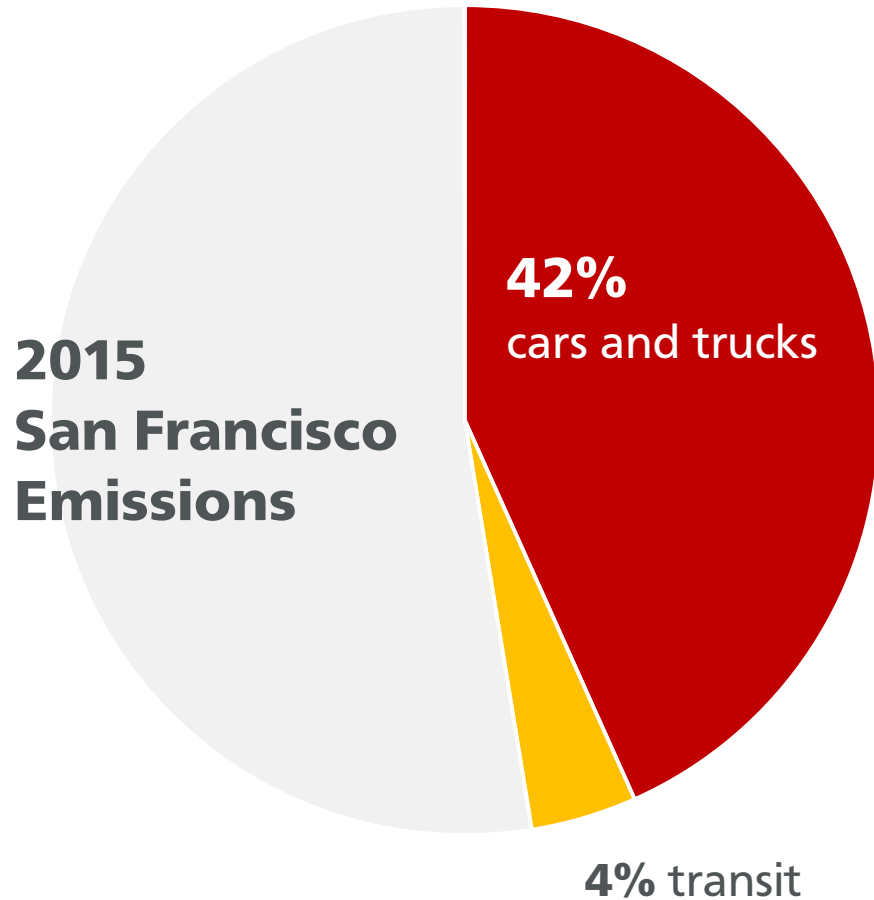
Electric Vehicle Charging in Public Garages

Jonathan Yuan, Transportation Planner

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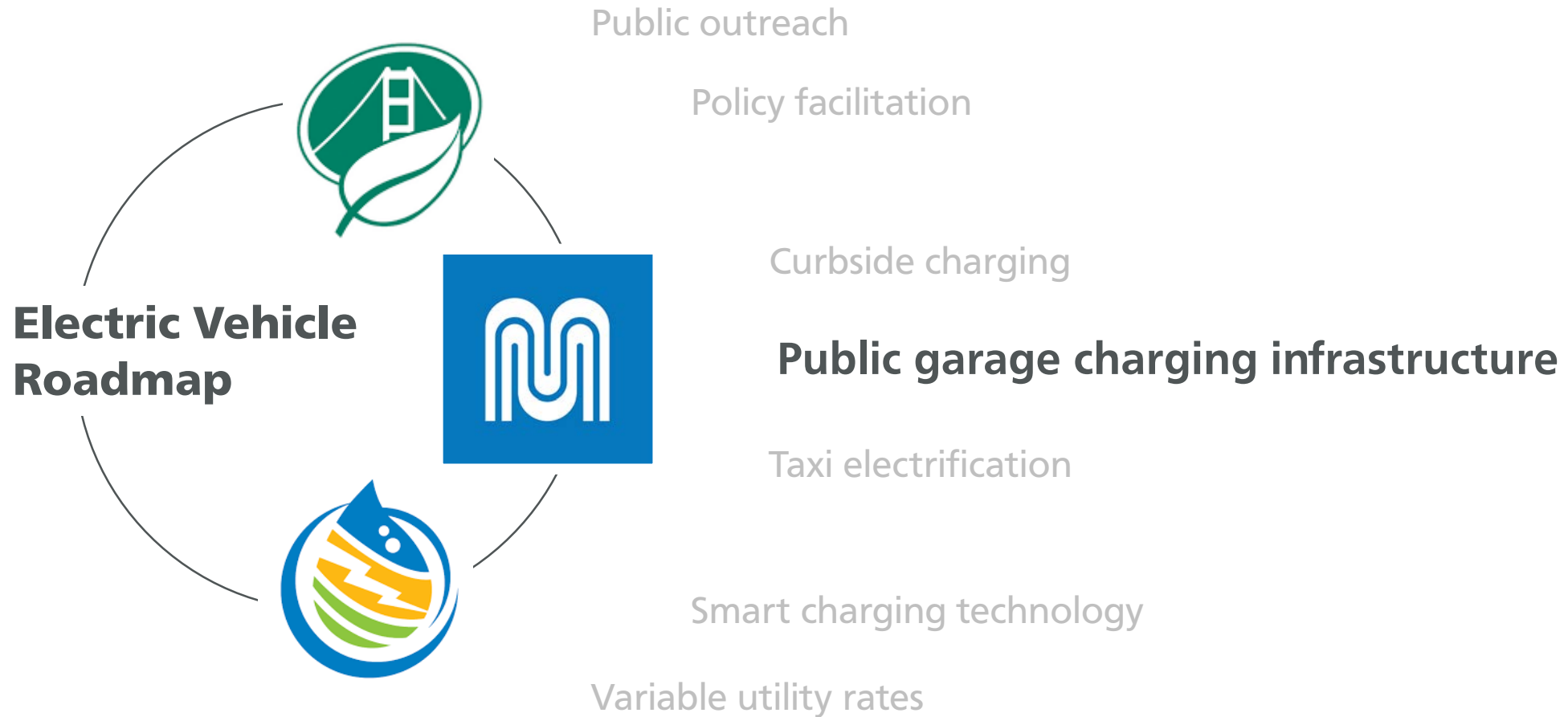
The Climate Context



SFMTA Strategic Plan Objective 3.4

Provide environmental stewardship to improve air quality, enhance resource efficiency, and address climate change.

A Pathway to 100% Electrification



What about Our Core Policies?



Climate Action Strategy



Transit First



Vision Zero



Which Garages: Maximum Charging

The Sustainability Perspective

Invest

High
Charging



High
Parking



High
Auto Use



Don't Invest

High Injury
Networks



Good
Transit



Heavy
Congestion



Which Garages: Feasibility

The Parking Perspective

Parking Capacity:

Are there enough parking spaces?



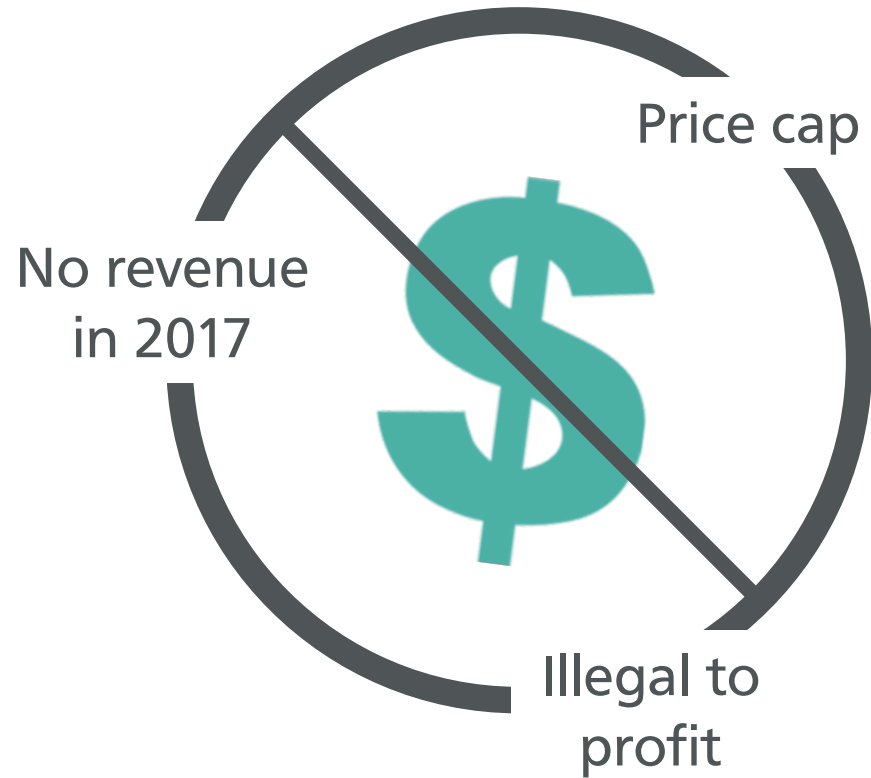
Electric Grid:

Can more chargers can be supported?



Which Garages: Money Matters

The Revenue Perspective



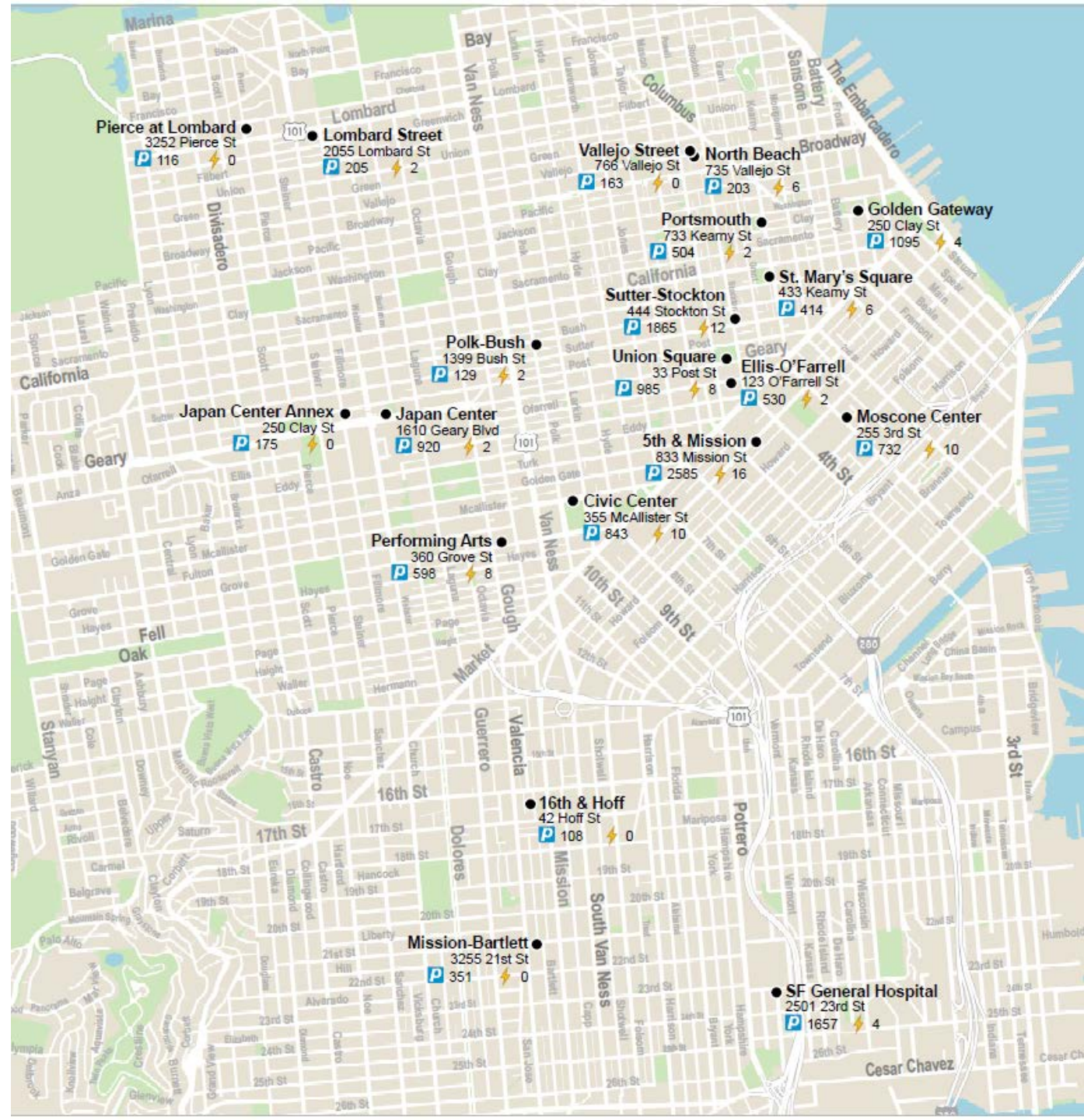
Plus: **no funding** for
chargers in garages

Results

Priority Investment

Japan Center
Lombard Street
SF General Hospital (*)
Pierce at Lombard
Portsmouth Square
Golden Gateway
5th & Mission
North Beach (*)
Performing Arts
Mission-Bartlett
16th & Hoff

Do Not Invest



Next Steps

Non-Traditional Funding



Private Sector



Other Agency Projects



...thanks to my team!

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