

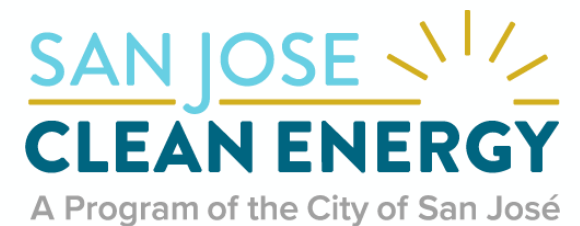
CALEVIP PROGRAM UPDATE

October 22, 2019

Staff Presenting:

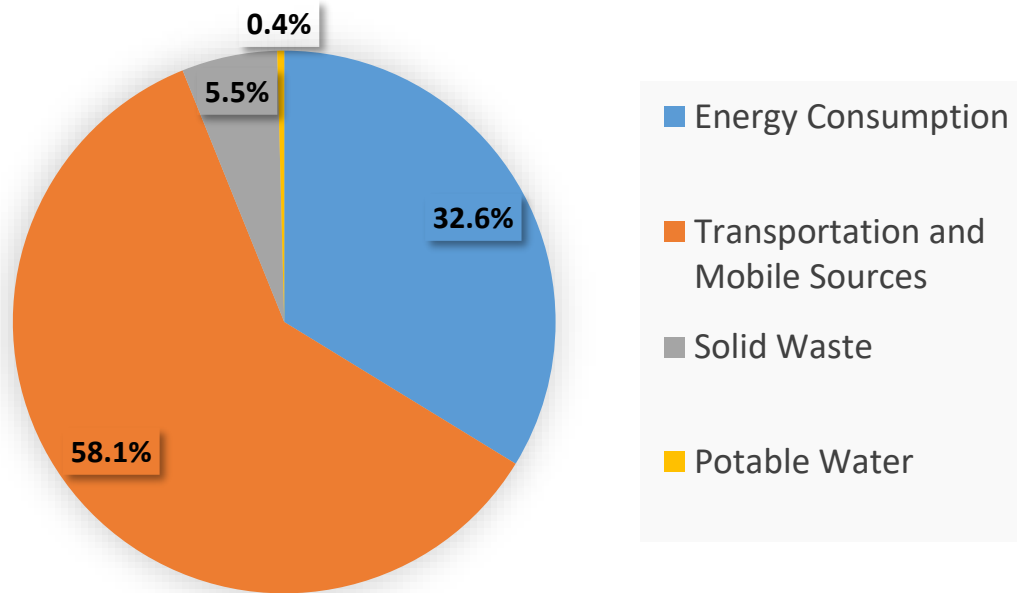
Zach Struyk, Deputy Director Account Management and Marketing

Kevin Meehan, FUSE Executive Advisor and Programs Lead

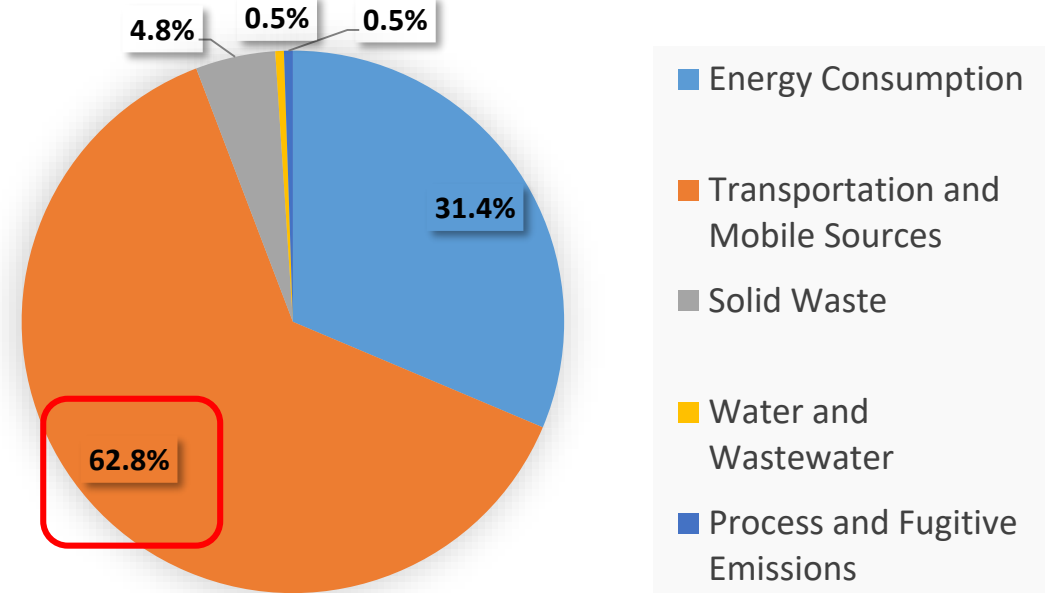


SAN JOSE EMISSION SOURCES

San Jose 2014 Emissions Profile



San Jose 2017 Emissions Profile



CLIMATE SMART SAN JOSE EV GOALS




Low-Carbon Growth Milestones



INDICATORS	CARBON REDUCTIONS	ELECTRIC VEHICLES
METRICS	Emissions reduction from this strategy	Percentage of passenger vehicles (including SUVs) that are electric
PROGRESS MILESTONES	Thousands of tons of carbon reduced per year	Percentage of passenger vehicles that are electric
TODAY	–	6%
2030	630	61%
2040	1,142	78%
2050	1,319	82%

ELECTRIC VEHICLE CHARGING TYPES

Types of **ELECTRIC VEHICLE CHARGERS**

			
LEVEL ONE :	Basic Outlet Anywhere	11-20 Hours to Charge	120 Volts
LEVEL TWO :	Installed Public or Private	3-8 Hours to Charge	240 Volts
FAST CHARGE: (DCFC)	Installed Along Highways	30-60 Minutes to Charge	208-600 Volts

CALEVIP INTRODUCTION

- CALeVIP = California Electric Vehicle Infrastructure Project
- EV charger incentive project to meet regional needs for Level 2 and Direct Current Fast Chargers
- Co-funded by the California Energy Commission (CEC)
 - CEC Funding from *Alternative and Renewable Fuel and Vehicle Technology Program*
- Implemented by Center for Sustainable Energy (CSE)
- CALeVIP has funded around \$50 million in regional projects in Fresno County, LA and Orange County, and Sacramento County

CALEVIP PENINSULA-SILICON VALLEY PROJECT BACKGROUND

- Collaboration of Regional Partners
 - Peninsula Clean Energy (PCE)
 - Silicon Valley Clean Energy (SVCE)
 - San Jose Clean Energy (SJCE)
 - Silicon Valley Power- City of Santa Clara (SVP)
 - City of Palo Alto Utilities
- CEC only funds projects at a County Level



CALEVIP PENINSULA-SILICON VALLEY PROJECT BACKGROUND

- Eligible Sites
 - Level 2
 - Schools, hospital, workplaces, Multi-family dwellings
 - *Not available* to single family homes
 - DCFC
 - Shopping centers, gas stations, hotels, airports, libraries, etc.
 - Must be public and open 24/7
- Eligible Applicants
 - Private Companies
 - Not required to be site owner or host
 - Public Agencies

CALEVIP PENINSULA-SILICON VALLEY FUNDING

County	Region	DCFC Funding		Level 2 Funding		Total Funding	At Least 25% in DAC or Low Income
		CEC	Partner	CEC	Partner		
Santa Clara	City of San Jose	\$7M	-	\$3M	\$4M	\$14M	Yes
Santa Clara	SVCE	\$6M	-	-	\$6M	\$12M	No
Santa Clara	City of Santa Clara	\$4M	-	-	\$4M	\$8M	Yes
Santa Clara	City of Palo Alto	\$1M	-	-	\$1M	\$2M	No
San Mateo	Entire County	\$12M	-	-	\$12M	\$24M	No

- San Jose
 - CEC invests \$10 million
 - SJCE invests \$4 million
- San Jose includes requirement for 25% to DAC/Low Income Communities

ANTICIPATED INCENTIVE LEVEL

Level 2

Rebate Per Connector	Rebate Adders Per EV Charging Connector		
	MUD	DAC	Low Income
\$5,000	\$1,000	\$500	\$500

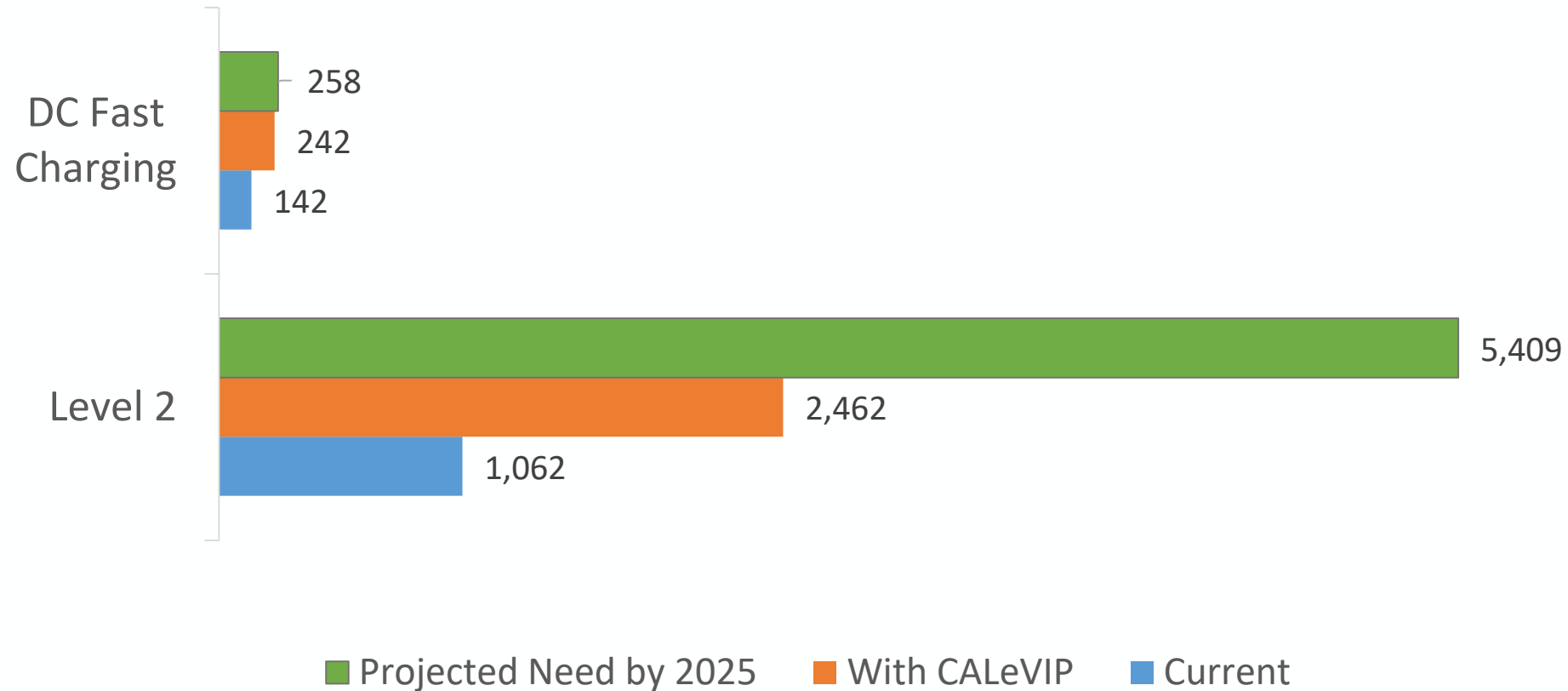
MUD = Multi-unit Dwelling
DAC = Disadvantaged Community

DCFC

DCFC Type	Non-Disadvantaged Community/Low Income Rebate	Disadvantaged Community/Low Income Rebate
50 kW+	Up to \$50,000 or 75% of the total project cost, whichever is less	Up to \$60,000 or 80% of the total project cost, whichever is less
100 kW+	Up to \$70,000 or 75% of the total project cost, whichever is less	Up to \$80,000 or 80% of the total project cost, whichever is less

SAN JOSE CHARGING INFRASTRUCTURE TARGETS

2025 EV Charger Targets per Climate Smart



CALEVIP ADVANTAGES

- Aligns with SJCE Program Guiding Principles
- One time opportunity for San Jose to receive \$10 million in State funding for \$4 million from SJCE
- Experienced program administration structure through Center for Sustainable Energy (CSE)
- Program aligned with Department of Transportation's Electric Mobility Roadmap

CALEVIP PROCESS FLOW – LEVEL 2



CALEVIP PROCESS FLOW- DCFC

DCFC or Combination Rebate Process



STEP 1

Select equipment, provide owner authorization & apply online.



STEP 2

CSE reviews application to confirm eligibility.



STEP 3

Rebate funds reserved. You have 15 months to complete your project.



STEP 4

Upload documents online for CSE review.



STEP 5

Design & permitting done – receive up to 60% of rebate.



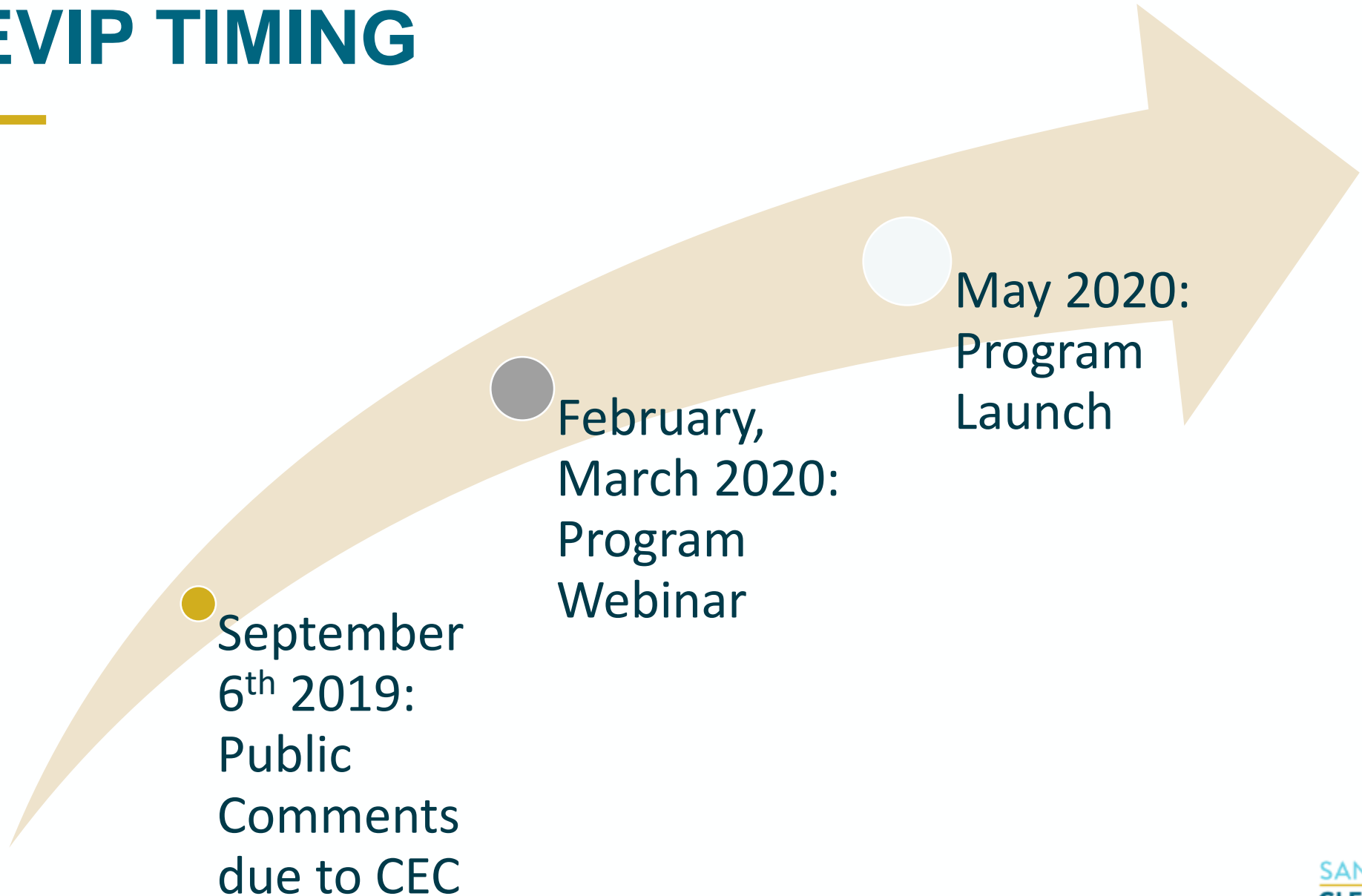
STEP 6

Project completed – receive remaining payment.



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CALEVIP TIMING



QUESTIONS?

- SJCE staff
 - Lori Mitchell, Director
 - Kevin Meehan, FUSE Executive Advisor and Programs Lead
- Recommendations
 - Adopt a resolution:
 - (a) Approving the implementation of the CALeVIP Project in San Jose;
 - (b) Approving participation of SJCE in the CEC current round of funding of the CALeVIP Project for load-serving entities in San Mateo and Santa Clara counties; and
 - (c) Authorizing the Director of Community Energy or designee to negotiate and execute an agreement with CSE to administer SJCE funds as part of the implementation of the CALeVIP Project in an amount not to exceed \$4,000,000 through December 31, 2023, subject to the appropriation of funds.

