



## AGENDA: 4

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Bay Area Air Quality Management District  
Mobile Source Committee

# Projects with proposed awards over \$100,000

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October 26, 2017

Ken Mak  
Acting Supervising Staff Specialist



# Overview

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- Background
- Proposed projects with awards over \$100,000
- Recommendations



# Background

- **Transportation Fund for Clean Air (TFCA)**
  - Statutory authority set forth in California Health and Safety Code Sections 44241 and 44242
  - Funding provided by a \$4 surcharge on motor vehicles
    - 60% of TFCA funds awarded directly by the Air District
    - Remaining 40% is distributed to the 9-Bay Area Congestion Management Agencies
- **Board approval of FYE 2018 TFCA Program**
  - 4/19/17 – Authorized Executive Officer/APCO to execute contracts and amendments with grant awards up to \$100,000 and allocation of \$29.24 million in TFCA funds
  - 8/2/17 - Adopted policies and evaluation criteria



# Proposed Projects with Awards Over \$100K

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- **TFCA project recommendations over \$100k:**
  - Awards totaling \$2,941,919
  - Three shuttle projects with 20 routes
  - Two trip reduction & rideshare services
- **Emissions reductions:**
  - ~25.22 tons per year (TPY) of criteria pollutants
  - ~14,052 TPY of greenhouse gas emissions



# Proposed Projects with Awards Over \$100K

Project #	Project Sponsor	Project Description	City	Est. C/E	Proposed Contract Award	Emission Reductions (Tons per year)			County
						NOx	ROG	PM	
18R05	Associated Students, San Jose State University	SJSU Ridesharing & Trip Reduction	Regional	\$43,070	\$140,000	0.808	0.920	1.282	Regional
18R07	Santa Clara Valley Transportation Authority	ACE Shuttle Bus Program	Milpitas, Mountain View, Sunnyvale, Santa Clara	\$97,738	\$960,000	2.455	2.508	4.222	Santa Clara
18R10	Peninsula Corridor Joint Powers Board	Caltrain Shuttle Program	Mountain View, Burlingame, Sunnyvale, Foster City, Stanford, Menlo Park, Redwood Shores Redwood City, Brisbane	\$96,795	\$612,100	1.539	1.832	2.641	San Mateo / Santa Clara
18R11	Metropolitan Transportation Commission	511 Regional Vanpool & Carpool Program	Regional	\$149,901	\$991,000	0.802	1.783	3.507	Regional
18R12	City of Emeryville	Emery Go-Round Shuttle	Emeryville	\$250,000	\$238,819	0.233	0.270	0.415	Alameda
					<b>\$2,941,919</b>	<b>5.84</b>	<b>7.31</b>	<b>12.07</b>	

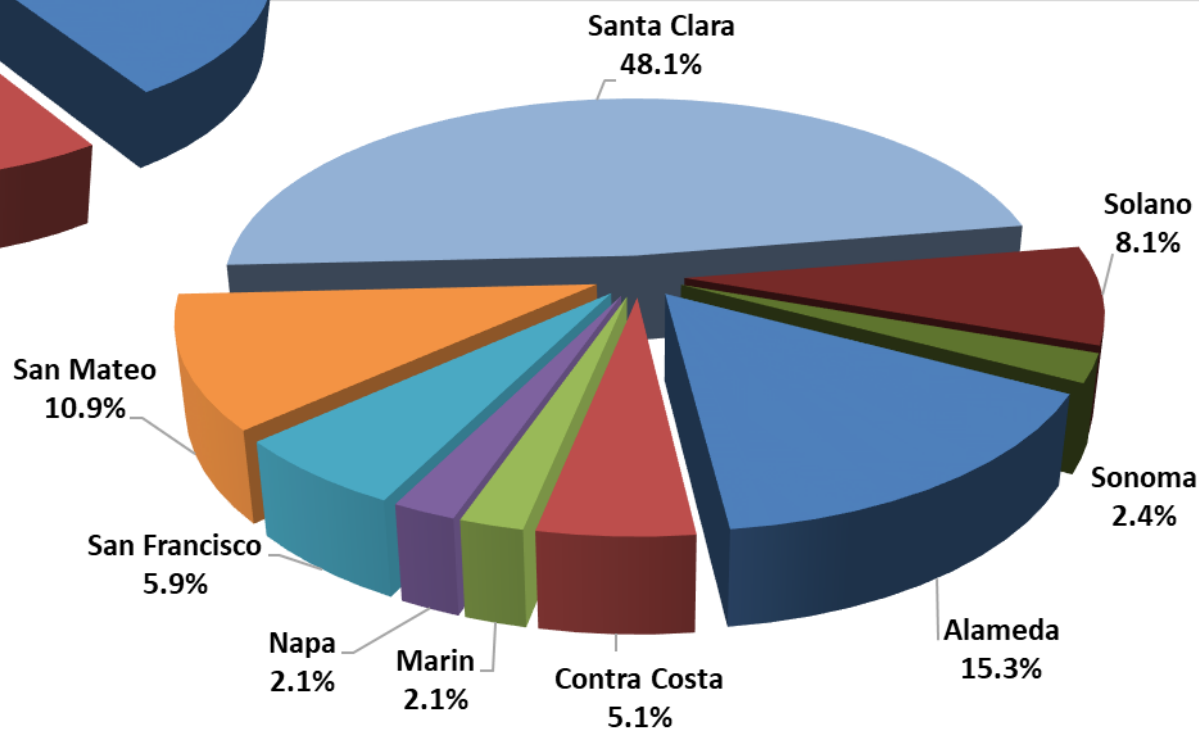
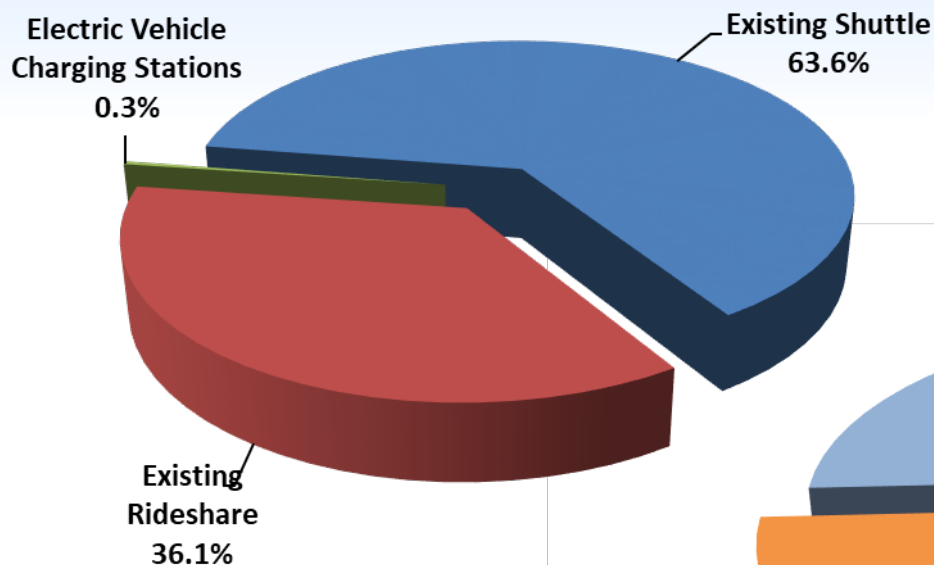


# TFCA Funds Awarded

by Project Category and by County

(For eligible projects evaluated between 9/8/17 and 10/3/17)

**Total = \$3.1 M**  
**(out of \$29.2 M)**





# Recommendations

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## ***Recommend the Board of Directors:***

- Approve Transportation Fund for Clean Air projects with proposed grant awards over \$100,000 as shown in Attachment 1; and
- Authorize the Executive Officer/APCO to enter into all necessary agreements with applicants for the recommended projects.



**AGENDA: 5**

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Bay Area Air Quality Management District  
Mobile Source Committee

# Transportation Fund for Clean Air County Program Manager Fund Policies for Fiscal Year Ending 2019

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October 26, 2017

Linda Hui  
Staff Specialist





# Overview

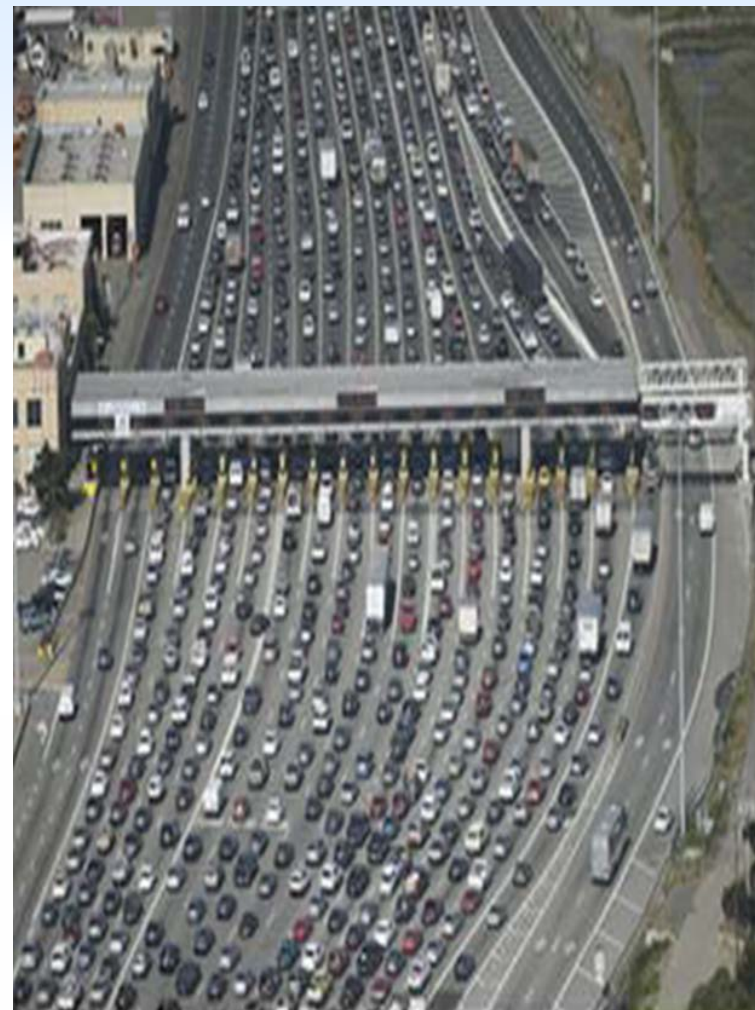
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- Background
- Development of Transportation Fund for Clean Air (TFCA) County Program Manager (CPM) Fiscal Year Ending (FYE) 2019 Policies
- Policy waiver request from San Francisco County Transportation Agency (SFCTA)
- Recommendations



# Background

- TFCFA funding authorized by State Legislature to help reduce on-road mobile source emissions
- \$4 motor vehicle registration surcharge fee with 40% of funds distributed to the 9 Bay Area CMAAs
- Air District Board approves TFCFA policies annually





# Transportation Fund for Clean Air County Program Manager Fund Policies for Fiscal Year Ending 2019

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- Solicited comments from CPMs on proposed policies, 8/4 - 9/18/2017
  - Conducted one workgroup meeting
  - Followed up with CPMs who had comments and questions
  - Received four sets of written comments by the 9/18/2017 deadline
- ***No substantive changes proposed for the FYE 2019 CPM Policies***



# Policy Waiver Request Overview

Project Name	Est. Total Project Cost	Proposed TFCA CPM Funds	Est. C/E
Replace SF Paratransit Diesel and Gasoline Cutaway Vehicles with Hybrid Sedans	\$300,000	\$201,700	\$180,754/ton

*Current FYE 2018 policies do not require vehicle scrapping and would limit TFCA funding max. award to \$33,000*



# Recommendations

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## Recommend the Board of Directors:

- Approve the proposed Fiscal Year Ending 2019 Transportation Fund for Clean Air County Program Manager Fund Policies; and
- Approve a policy waiver to allow San Francisco County Transportation Agency to include emissions reduction credit for replacing medium-heavy duty vehicles in the cost-effectiveness evaluation of a Fiscal Year Ending 2018 Transportation Fund for Clean Air County Program Manager Fund light-duty vehicle project.



## AGENDA: 6

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Bay Area Air Quality Management District  
Mobile Source Committee

# Accept, Obligate, and Expend Funding from the California Air Resources Board, Metropolitan Transportation Commission, and Bay Area Clean Air Foundation

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October 26, 2017

Karen M. Schkolnick  
Director, Strategic Incentives



# Overview

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- Background
- New Funding:
  - Air Resources Board's Enhanced Fleet Modernization Plus-up Program
  - Metropolitan Transportation Commission's Congestion Mitigation and Air Quality Program
  - Bay Area Clean Air Foundation's Reformulated Gas funding
- Recommendations



# Background

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Air District pursues funding opportunities to complement & augment its perennial grant funds:

- **Air Resources Board's Enhanced Fleet Modernization Plus-up Program:** Incentivizes lower-income motorists to scrap high-emitting vehicles and replace with cleaner options
- **Metropolitan Transportation Commission's Congestion Mitigation and Air Quality Program:** Incentivizes transportation strategies & programs to reduce per capita greenhouse gas emissions
- **Bay Area Clean Air Foundation:** Applies for funding to support Air District's mission





# Air Resources Board (ARB)

## Enhanced Fleet Modernization Plus-up Program (EFMP Plus-Up)

- Up to \$10 million from ARB
- Provides incentives to low-income motorists living in or near disadvantaged communities
- Tentatively scheduled to launch in early 2018

Zero-emission Vehicle Up to \$9,500



Low-emission Vehicle Up to \$7,000



Transit Options Up to \$4,500





# Metropolitan Transportation Commission (MTC)

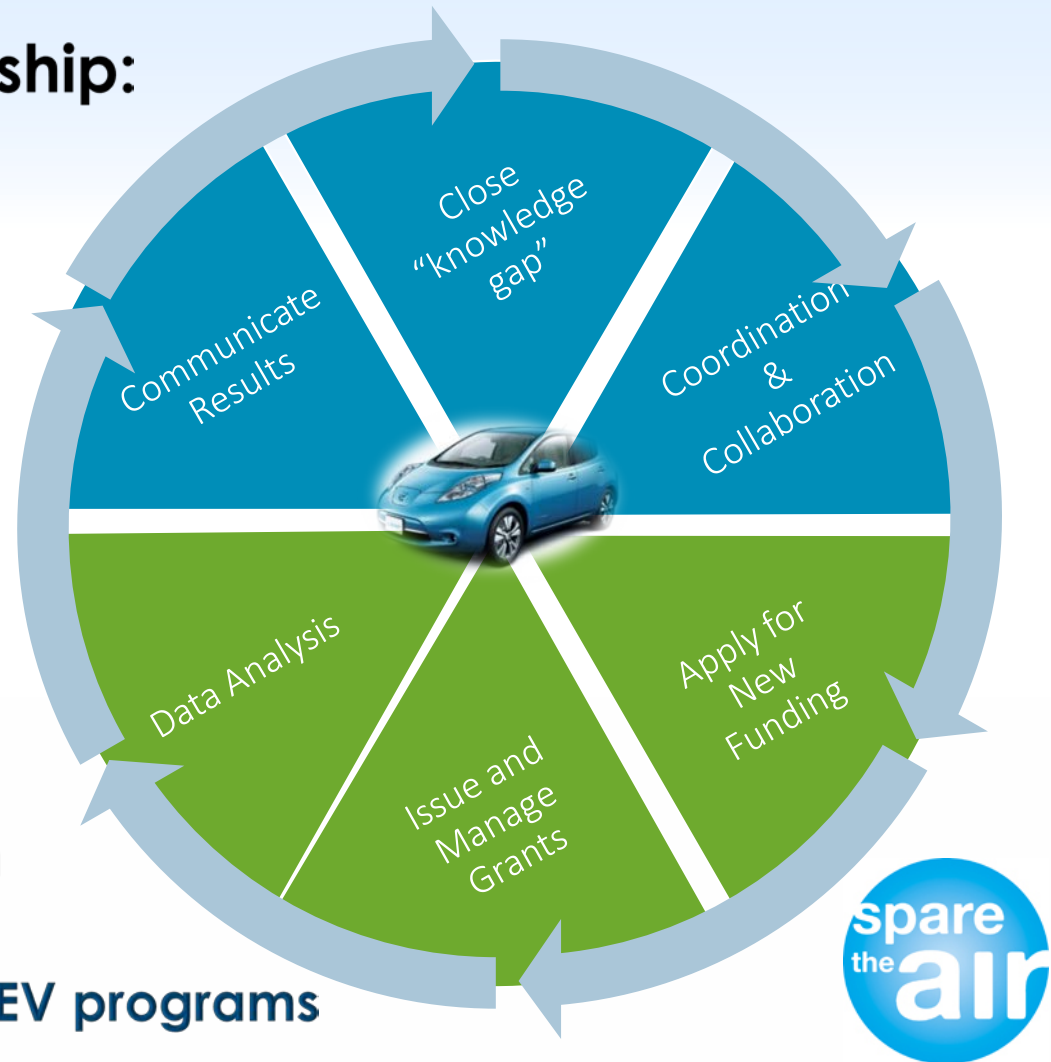
## Congestion Mitigation and Air Quality (CMAQ) Funding

### Air District & MTC Partnership:

**Air District to invest additional \$10 million to support incentives for accelerated adoption of light-duty Electric Vehicles (EV):**  
**Charge! and EFMP**

**MTC to award \$10 million in CMAQ funding:**

**Spare the Air and eligible EV programs**

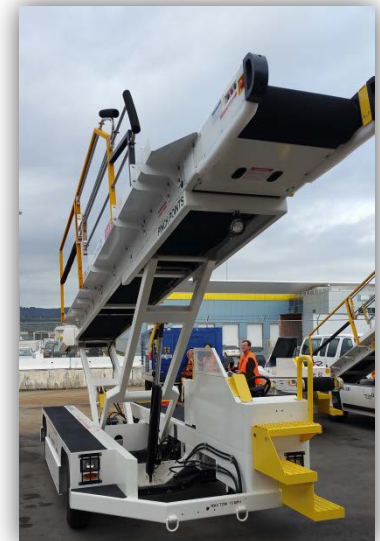




# Bay Area Clean Air Foundation

## Reformulated Gas (RFG) Funding

- \$1.3+ million in RFG funding
- Funding prioritized for projects located at & closest to former Oakland Army Base and port properties
- Solicitation tentatively scheduled to open early next year
- Requires a match of \$1.3+ million





# Recommendations

## Recommend the Board of Directors:

- Authorize the Bay Area Air Quality Management District (Air District) to accept, obligate, and expend funding from the following three new awards:
  - Up to \$10 million from the California Air Resources Board (ARB) to implement an Enhanced Fleet Modernization Plus-up Program (EFMP Plus-up);
  - \$1.3 million and any additional remaining Reformulated Gas Settlement Funds from the Bay Area Clean Air Foundation, to help accelerate the adoption of zero and near-zero-emission equipment and vehicles operating in and around the Port of Oakland and the surrounding West Oakland community;
  - \$10 million from the Metropolitan Transportation Commission (MTC) for the Air District's Spare the Air and light-duty electric vehicle programs.
- Adopt resolutions authorizing the Air District to accept, obligate, and expend the funds awarded from the California ARB for the EFMP Plus-up Program and the funds from the MTC for the Air District's Spare the Air and light-duty electric vehicle programs; and
- Authorize the Executive Officer/APCO to enter into all agreements necessary to accept, obligate, and expend this funding.