



**Bay Area Air Quality Management District
Mobile Source Committee**

October 27, 2016

Projects with Proposed Awards over \$100,000

**Damian Breen
Deputy Air Pollution Control Officer**

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

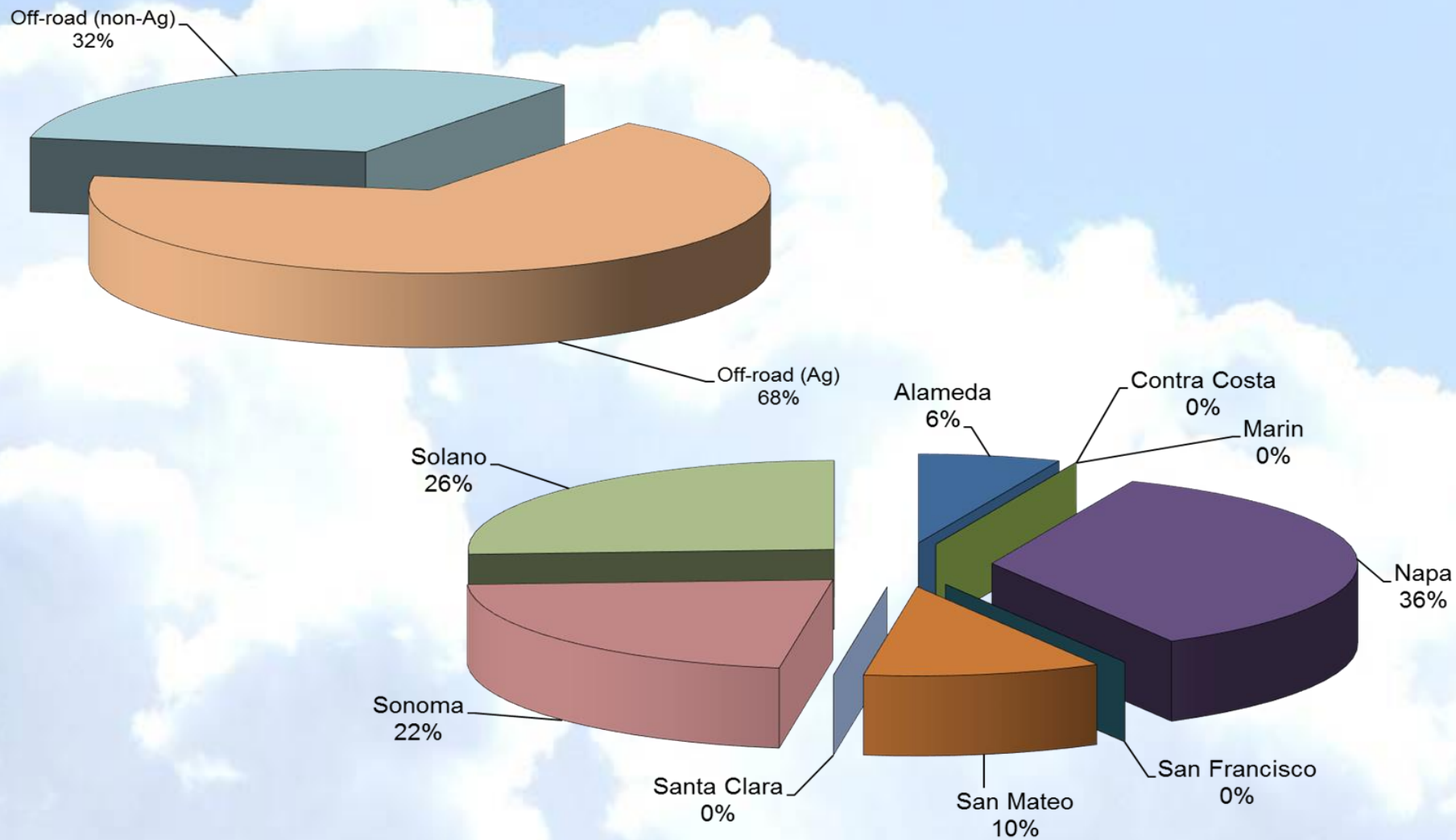
CMP, MSIF, & TFCA

- **Carl Moyer Program (CMP)**
 - Created in 1998 to reduce emissions from heavy-duty engines
 - Voluntary program that funds surplus emission reductions
- **Mobile Source Incentive Fund (MSIF)**
 - AB 923 allowed for additional \$2 motor vehicle registration fee surcharge (12/04)
 - CMP and LESBP projects eligible for MSIF funding
- **Transportation Fund for Clean Air (TFCA)**
 - Funding provided by a \$4 surcharge on motor vehicles
 - Statutory authority for the TFCA and requirements of the program are set forth in California Health and Safety Code Sections 44241 and 44242

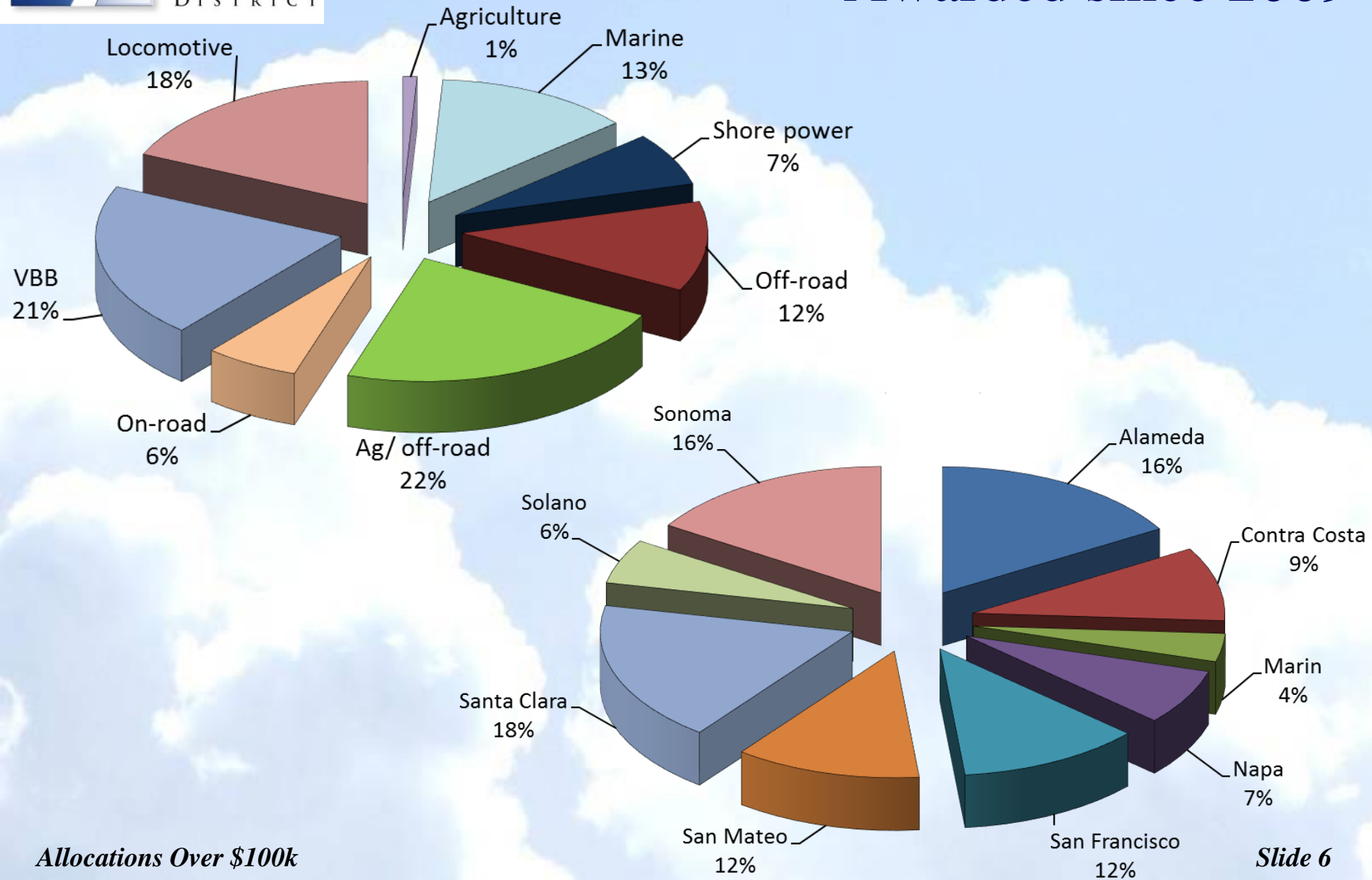
- **On 3/16/16 Air District Board of Directors:**
 - Approved participation in CMP Year 18
 - Authorized Executive Officer/APCO to execute contracts and amendments with grant awards up to \$100,000
- **CMP Project Recommendations over \$100k:**
 - 1 Project to reduce emissions from 2 off-road tractors and 1 off-road loader
 - \$117,165 in total awards
 - Emission reductions: Over 0.43 TPY of criteria pollutants

CMP and MSIF Funds

Awarded as of 10/7/16



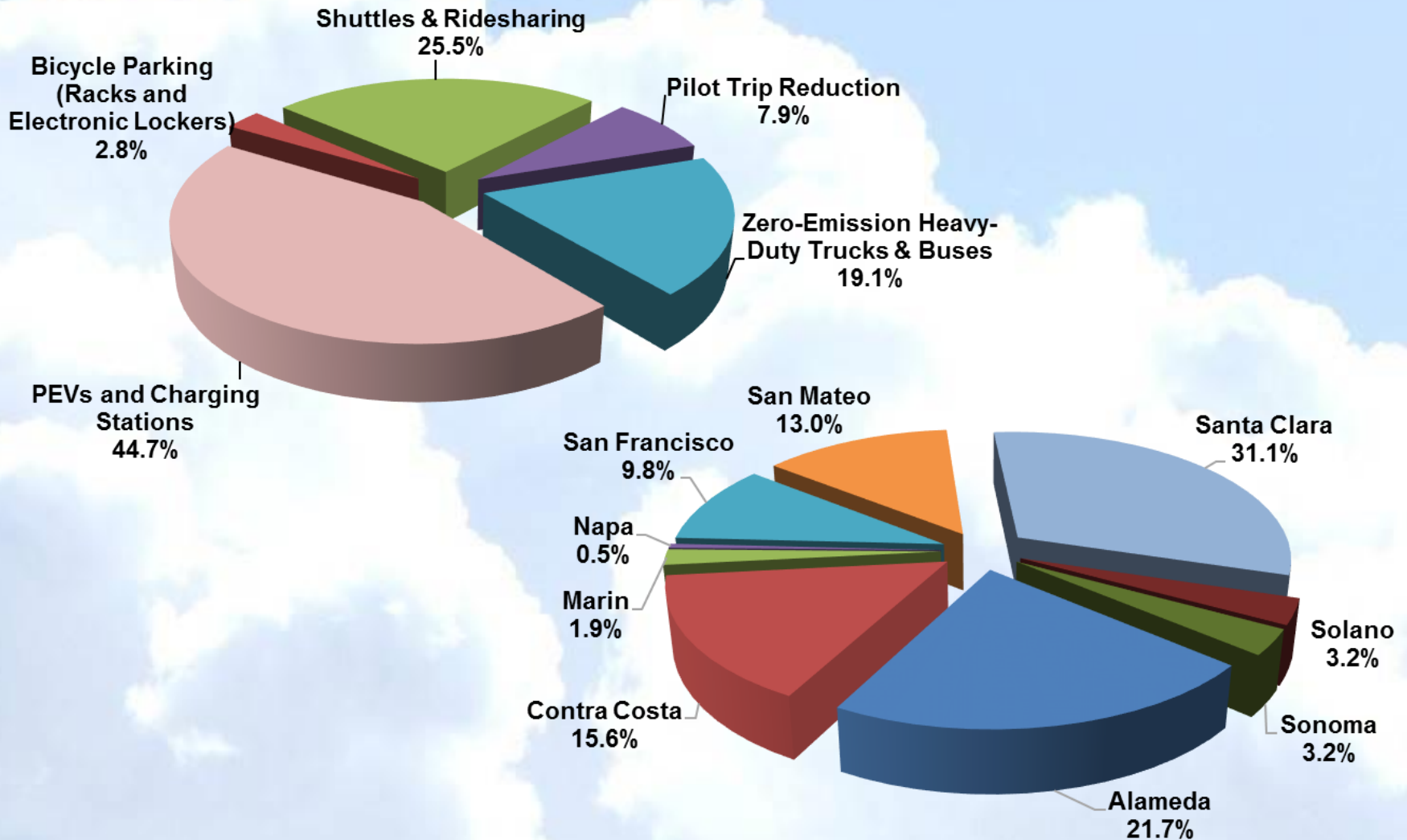
CMP and MSIF Funds Awarded since 2009



- **Air District Board of Directors:**
 - Allocated \$24.47 million and authorized Executive Officer/APCO to execute contracts and amendments with grant awards up to \$100,000, 5/6/15
 - Adopted policies and evaluation criteria on 5/6/15 and 7/29/15
- **TFCA Project Recommendations over \$100k:**
 - 1 project to deploy five 40'-zero-emission battery-electric buses
 - Proposed total awards: \$228,170
 - Emission reductions: ~ 0.179 TPY of criteria pollutants, ~372 TPY of greenhouse gas (GHG) emissions

TFCA Funds

by Project Category and by County
(Eligible projects evaluated between 7/1/15 and 10/7/16)



Recommendations

Recommend the Board of Directors:

1. Approve Carl Moyer Program (CMP) and Transportation Fund for Clean Air (TFCA) projects with proposed grant awards over \$100,000 as shown in Attachment 1; and,
2. Authorize the Executive Officer/APCO to enter into agreements with applicants for the recommended CMP and TFCA projects.



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Fiscal Year Ending 2017

Transportation Fund for Clean Air Regional Fund

Shuttle and Regional Rideshare Program

Damian Breen

Deputy Air Pollution Control Officer

- Background
- Transportation Fund for Clean Air (TFCA) Fiscal Year Ending (FYE) 2017 Shuttle and Rideshare Program:
 - Solicitation process and outreach
 - Evaluation results
- Recommendations

TFCA Background

- Funded by \$4 motor vehicle registration fee surcharge
 - 60% to Regional Fund & Air District-sponsored projects
 - 40% to County Program Manager Fund
- Statutory authority and requirements of the program are set forth in California Health and Safety Code Sections 44241 and 44242
- Board adopts policies and evaluation criteria annually
- *TFCA is the sole funding source that can be used to fund trip reduction and light-duty alternative fuel vehicle-based projects*

TFCA FYE 2017 Shuttle and Regional Rideshare Program

- Air District's Board of Directors:
 - Allocated ~\$4.05 million for FYE 2017 Projects, 3/16/16
 - Adopted policies and evaluation criteria, 7/20/16
- Existing Shuttle and Regional Rideshare Program
 - Call for Projects: 7/22/16 – 9/1/16
 - Grant application online webinars: 7/28, 8/8, 8/25
 - 6 applications received as of 9/1/16 deadline
 - 4 Shuttle
 - 2 Ridesharing
 - 1 application received on 9/7/16

6 projects recommended for award totaling \$2,809,400:

- 4 shuttle projects:
 - 3 projects (totaling 11 routes) eligible for full award (\$1,160,000)
 - 1 project (with 11 routes) eligible for reduced award (\$639,900)
- 2 rideshare projects:
 - 1 eligible for full award (\$870,000)
 - 1 eligible for reduced award (\$139,500)
- Estimated reductions:
 - ~30 tons of criteria pollutants
 - Over 13,000 tons of CO₂
- 69% of funds to CARE areas and/or PDAs (\$1,951,210)

Projects Recommended for Award

TFCA FYE 2017 Shuttle and Regional Rideshare Program

Project #	Project Sponsor	Project Title	Proposed Award	Total Project Cost	Criteria Pollutants (tons)	CO2 (tons)	CARE Area or PDA
17R11	Metropolitan Transportation Commission	511 Regional Carpool Program	\$870,000	\$1,200,000	8.08	703.2	No
17R12	Associated Students, San Jose State University	SJSU Ridesharing & Trip Reduction	\$139,500	\$164,706	0.86	505.7	Yes
17R14	Peninsula Corridor Joint Powers Board	Caltrain Shuttle Program (11 routes)	\$639,900	\$1,965,000	8.34	4,627.6	Partial
17R15	San Joaquin Regional Rail Commission	ACE Shuttle 53 & 54 (2 routes)	\$100,000	\$320,988	1.29	934.3	YES
17R16	Santa Clara Valley Transportation Authority	ACE Shuttle Bus Program (8 routes)	\$960,000	\$1,381,411	9.86	5,983.5	Partial
17R17	Presidio Trust	PresidiGo Shuttle (1 route)	\$100,000	\$492,028	1.33	664.7	YES
TOTAL of 22 Shuttle Routes, 2 Ridesharing Projects:			\$2,809,400	\$5,524,133	29.77	13,419	69%

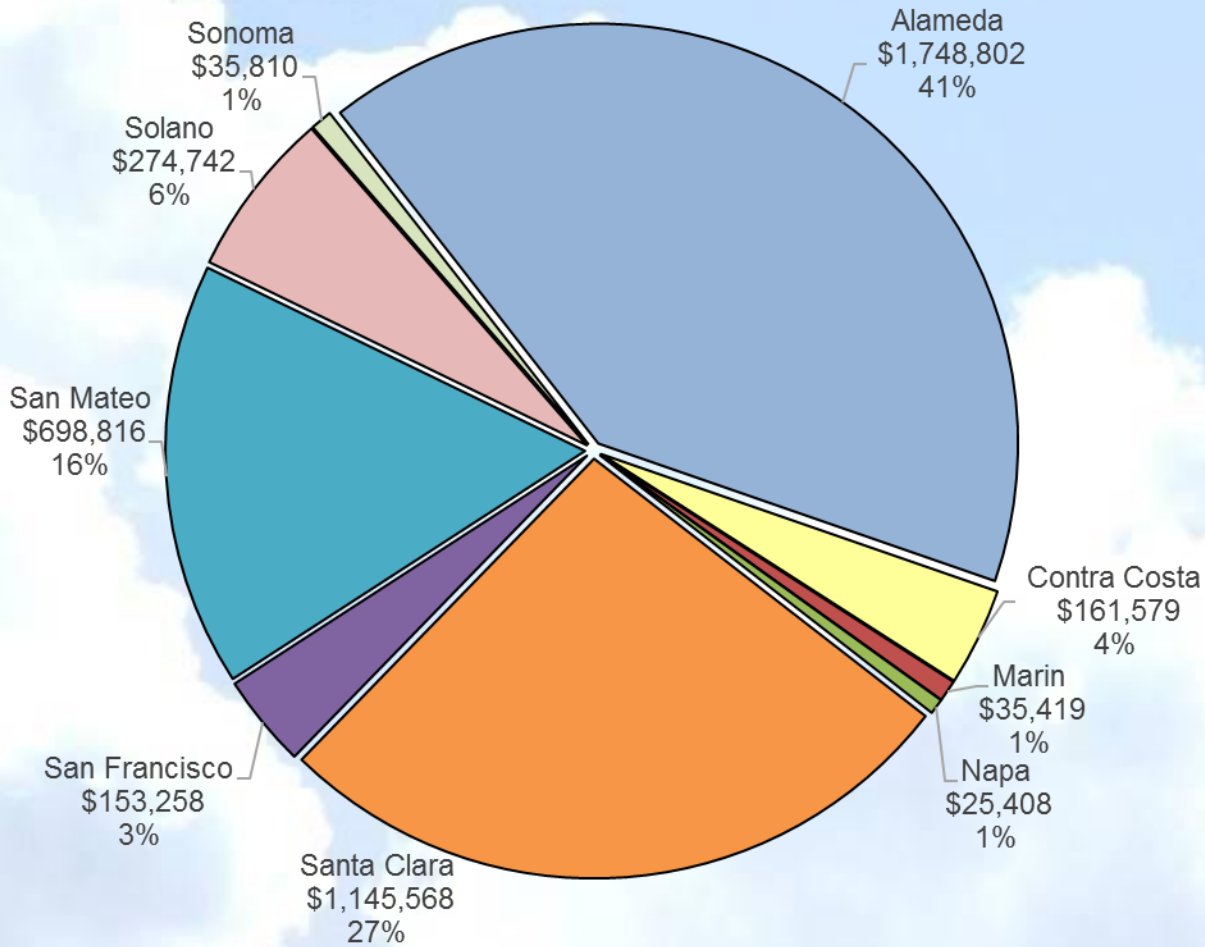
Projects Not Recommended

TFCA FYE 2017 Shuttle and Regional Rideshare Program

Project #	Project Sponsor	Project Title	Requested Amount	Criteria Pollutants (tons)	CO2 (tons)	Reason for Rejection
17R13	Golden Gate Bridge, Highway & Transportation District	"The Wave" (1 route)	\$760,000	-1.74	-5,104.3	Not Cost-effective at any dollar amount
17R14	Peninsula Corridor Joint Powers Board	Caltrain Shuttle Program (10 routes)	\$535,000	0.37	54.0	
TOTAL of 2 Projects with 11 Shuttle Routes:			\$1,295,000	-1.37	-5,050.3	

Allocation by County

TFCA FYE 2017 Shuttle and Regional Rideshare Program



Recommend the Board of Directors:

1. Approve the proposed awards for the six Transportation Fund for Clean Air FYE 2017 Shuttle and Regional Rideshare Program projects listed in Attachment A; and
2. Authorize the Executive Officer/APCO to enter into agreements for the recommended projects in Attachment A.



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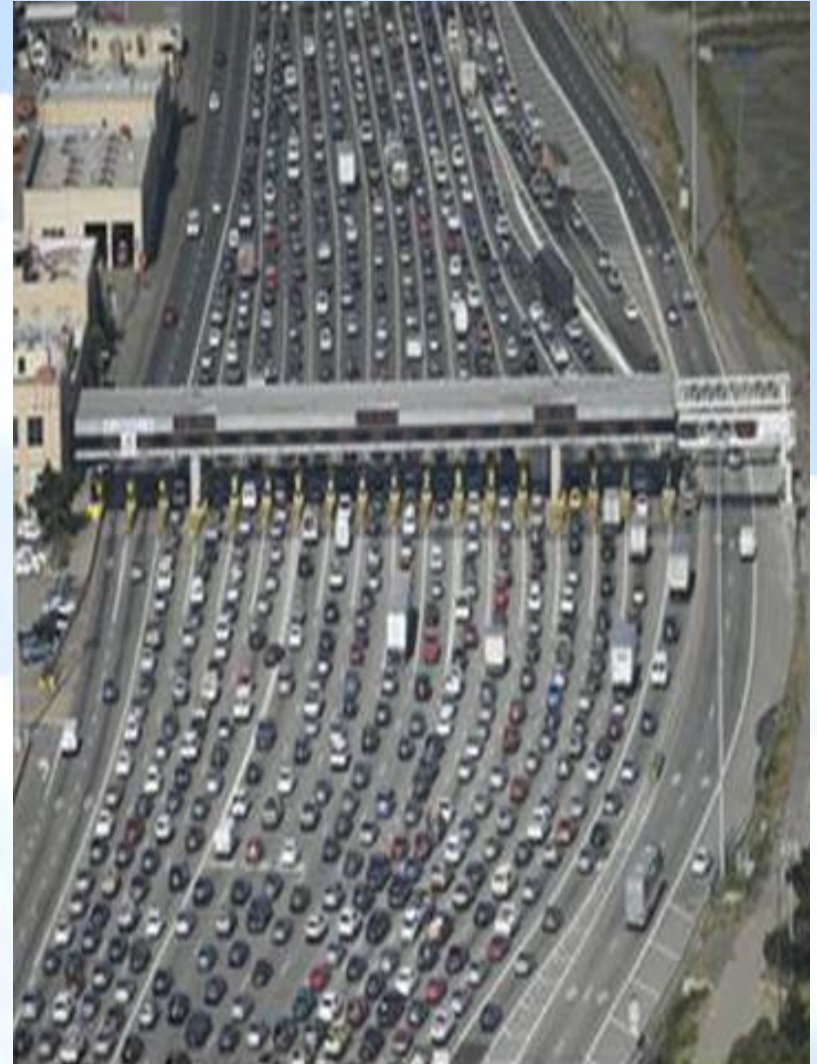
**Transportation Fund for Clean Air
County Program Manager Fund Policies
for Fiscal Year Ending 2018**

**Damian Breen
Deputy Air Pollution Control Officer**

- Transportation Fund for Clean Air (TFCA)
Background
- County Program Manager (CPM) Fiscal Year Ending (FYE) 2018 Policies
 - Outreach and public input process
 - Summary of updates
- Recommended change to FYE 2017 Policies
- Policy waiver request from Alameda County Transportation Commission (Alameda-CTC)
- Recommendations

TFCA CPM Fund Program Background

- \$4 motor vehicle registration surcharge fee with 40% of funds distributed to the 9 Bay Area Congestion Management Agencies (CMAs)
- Authorized by State Legislature to help reduce on-road mobile source emissions
- Air District Board approves TFCA policies annually



Outreach and Public Input Process

- Solicited comments from CMAs on proposed policies, 8/12 - 9/14/2016
- Conducted four workgroup meetings with CMAs to discuss proposed revisions, 5/18, 6/29, 7/27, & 8/1/2016
- Received three sets of written comments by 9/14/2016 deadline
- Incorporated public comments and aligned cost-effectiveness with Board-adopted Regional Fund Policies for consistency, clarity, and best practices

Summary of Proposed FYE 2018 CPM Policies

- Aligned with Regional Fund policies:
 - Increased the cost-effectiveness limit for shuttle projects
 - Revised language for Alternative Fuel Light-Duty & Heavy-Duty Vehicles and Buses categories
- Added *On-Road Goods Movement Truck Replacements* as an eligible category
- Revised policy to allow converting/upgrading from an existing Class-2 or Class-3 to a Class-1 or Class-4 bike facility
- Relaxed requirements for bikeshare projects to increase flexibility

Proposed Recommended Change to FYE 2017 CPM Policy #16

Retroactively increase the administrative costs limit

- from 5% to 6.25%
- to align it with recent updates to Health & Safety Code Section 44233

Request from Alameda-CTC for Policy Waiver to FYE 2017 CPM Policies

Project Name	Description	TFCA CPM Funds	Est. Total Project Cost
<p>Oakland Broadway B Shuttle</p>	<p>Waiver to allow Alameda-CTC to provide funding to shuttle that operates between BART, Ferry terminal, Amtrak and Capitol Corridor, and downtown Oakland, during off-peak hours in FYEs 2017 and 2018</p>	<p>\$367,000</p>	<p>\$1,144,265</p>

Recommend the Board of Directors:

1. Approve the proposed Fiscal Year Ending 2018 Transportation Fund for Clean Air County Program Manager Policies
2. Approve a proposed change to Fiscal Year Ending 2017 TFCA County Program Manager Fund Policy #16 to increase the administrative costs limit to 6.25% to align it with recent amendment to California Health and Safety Code Section 44233; and
3. Approve a policy waiver to allow Alameda County Transportation Commission to use Fiscal Year Ending 2017 TFCA County Program Manager Funds for a shuttle project in Alameda County.