



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

AGENDA: 3

Projects and Contracts with Proposed Awards over \$100,000

Mobile Source and Climate Impacts Committee Meeting
May 27, 2021

Ken Mak
Supervising Staff Specialist
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Outcome



- Provide status update of grant funds awarded since July 1, 2020, and information about new recommended awards greater than \$100,000
- Obtain the Committee's support and approval to forward the recommended projects to the full Board of Directors for approval

Outline



- Background
- Proposed projects with awards over \$100,000
- Status of incentive funding
 - Revenue sources
 - Community benefits & project locations
- Recommended Actions

Requested Action



Recommend the Board of Directors:

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

CMP/MSIF, CAPP, and FARMER



Carl Moyer
Program
(CMP)

Funding Agricultural
Replacement Measures
for Emission
Reductions **(FARMER)**

Community Air
Protection Program
(CAPP)

Mobile Source
Incentive
Fund
(MSIF)

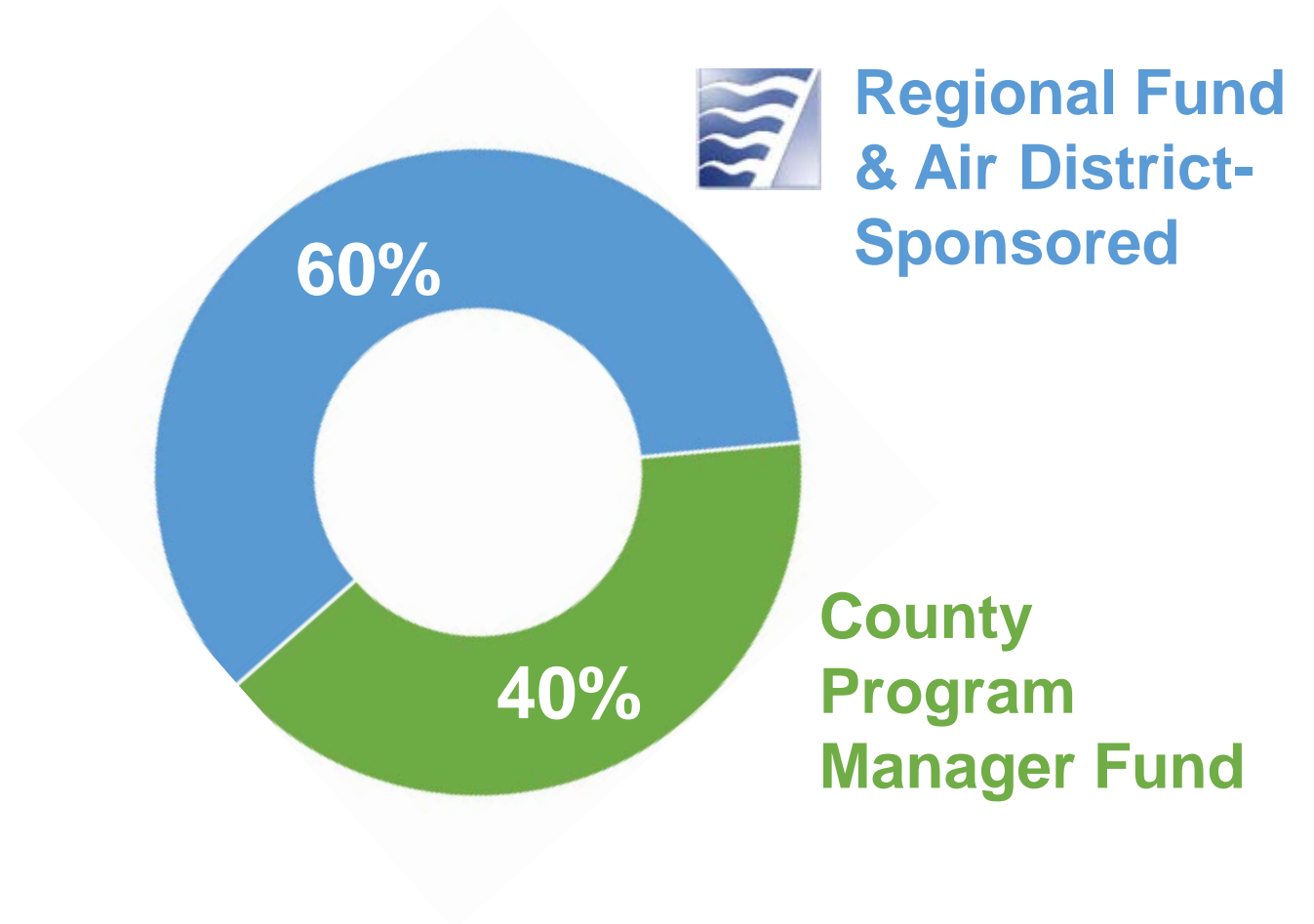
California Air Resources Board (CARB)
\$30 million

DMV Fees
\$12 million

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



CMP/MSIF, CAPP, and FARMER



- **Recommend \$4,366,900 in awards for five projects** to replace eight (8) pieces of diesel-powered equipment:
 - ✓ Five (5) marine vessel engines
 - ✓ Three (3) ag tractors
- **Emissions Reductions**
 - ✓ Over 27 tons per year of criteria pollutants

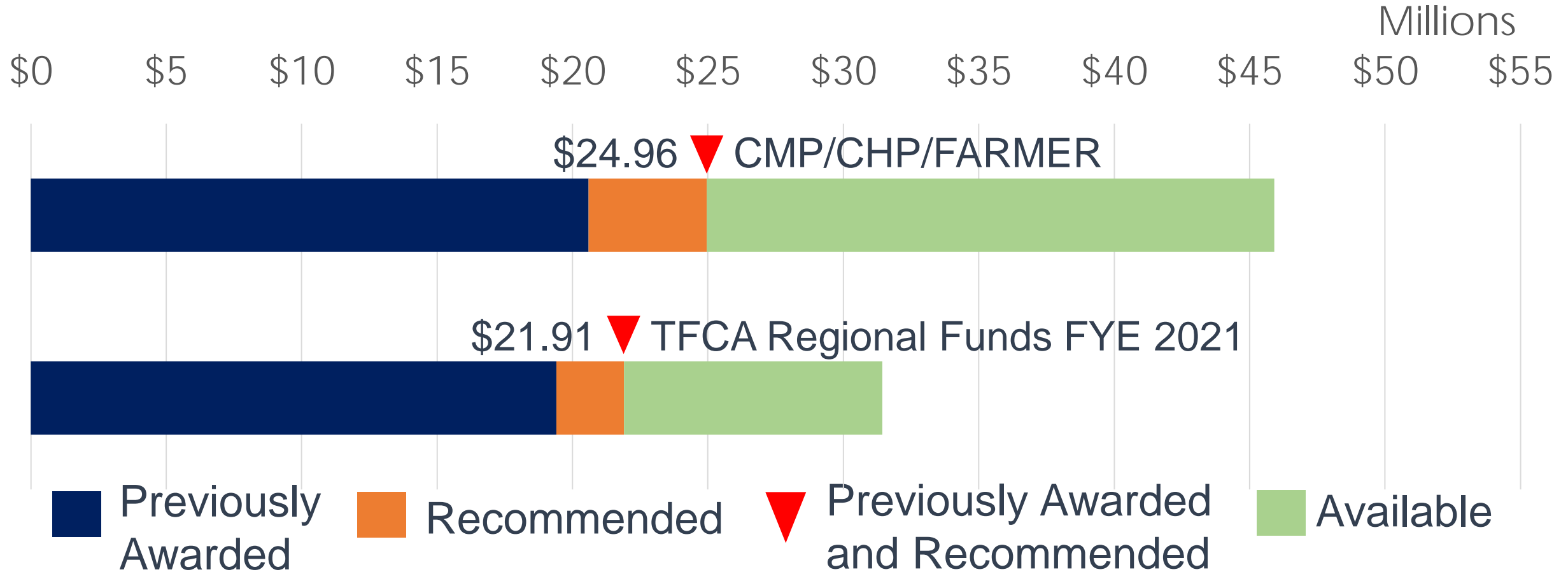




- **Recommend \$2,498,660 in awards for four projects including:**
 - Three Last-Mile Commuter Connection projects
 - One campus university trip reduction project
- **Emission Reductions**
 - To be reported in conjunction with the Spare the Air program



Incentive Funding Awarded & Recommended Since July 2020 by Revenue Source (in Millions)



Funds Awarded & Recommended Since July 2020 by Project Category (in Millions)



Total = ~\$46 M

List of projects is shown in Attachments 2 & 3



**Light-duty
Cars &
Infrastructure**

**On-road
Trucks &
Buses**

**School
Buses**

Off-road

**Off-road
Marine &
Rail**

**Trip
Reduction**

\$10.3

\$4.5

\$3.2

\$8.3

\$12.9

\$7.2

Funds Awarded & Recommended Since July 2020 (in Millions)



Sonoma
\$3.8, 8.2%

Napa
\$3.4, 7.4%

~\$46 Million Awarded

Marin
\$1.2, 2.6%

Solano
\$2.9, 6.3%

San Francisco
\$1.4, 3.1%

Contra Costa
\$6.2, 13.5%

San Mateo
\$4.2, 9.1%

Alameda
\$14.4, 31.2%

Santa Clara
\$8.7, 18.7%



**~78% to CARE areas,
disadvantaged and low-
income communities,
and low-income
residents**

Feedback Requested/Prompt



Recommend the Board of Directors:

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



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AGENDA: 4

Updates to the Transportation Fund for Clean Air (TFCA) Regional Fund Policies & Evaluation Criteria for FYE 2022

**Mobile Source and Climate Impacts Committee Meeting
May 27, 2021**

**Linda Hui
Senior Staff Specialist
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Outcome



Obtain Committee's recommendation for the proposed updates to the TFCRA Regional Fund policies and evaluation criteria for the upcoming fiscal year.

Outline



- Background
- Public Outreach Process
- Proposed Updates to TFCAs Policies for Fiscal Year Ending (FYE) 2022
- Recommended Actions

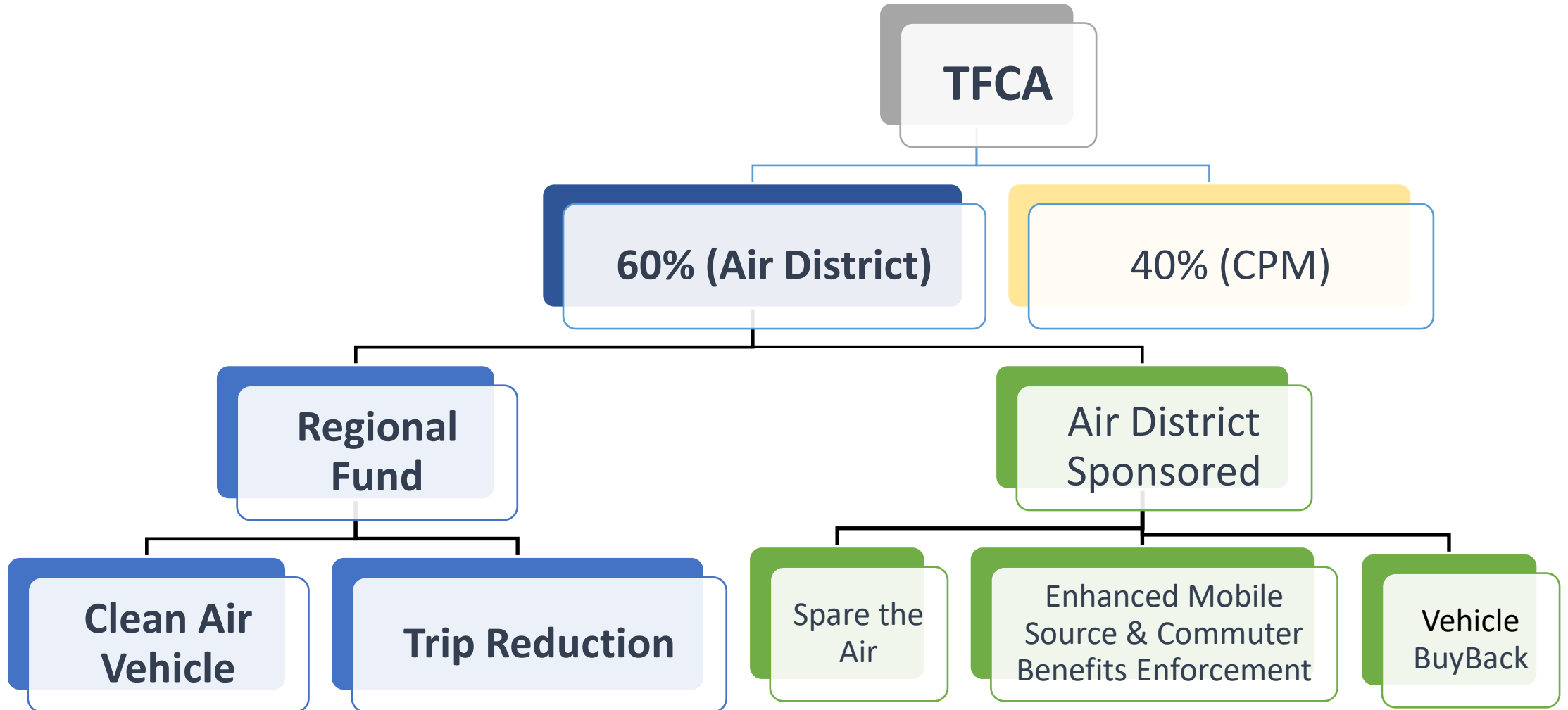
Requested Action



Recommend the Board of Directors:

Approve the proposed updates to TFCA Regional Fund Policies and Evaluation Criteria for FYE 2022 presented in Attachment A.

TFCA Background

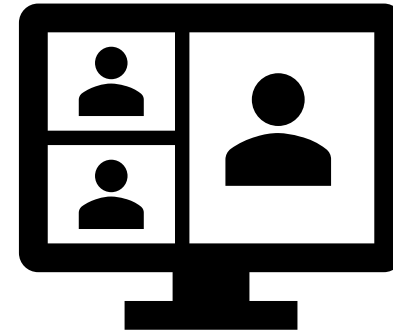


Public Outreach Process



Public Comment Period: February 22 to March 22, 2021

- Email notifications:
 - *1,600+ stakeholders*
- Two webinars:
 - March 2, 2021
 - March 9, 2021



Proposed Updates

General



- Allow the emissions benefits of projects co-funded by other Air District incentive program to be consolidated and reported by the other programs to avoid double-counting (**policy #2**).
- Include emissions reductions and funding of trip reduction projects with the cost-effectiveness evaluation the Spare the Air Program (**policy #2**).
- Streamline Maximum Grant Amounts to annually provide up to \$5.5 million to any public agency and up to \$5 million to any non-public entity (**policy #7**).



Feedback Requested/Prompt



Recommend the Board of Directors:

Approve the proposed updates to FYE 2022 TFCA Regional Fund Policies and Evaluation Criteria for FYE 2022 presented in Attachment A.



BAY AREA
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AGENDA: 5

Plan Bay Area 2050

**Mobile Source and Climate Impacts Committee Meeting
May 27, 2021**

**Monte DiPalma
Senior Air Quality Engineer
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Outcome



- Provide information and updates on ongoing collaboration between the Air District, the Metropolitan Transportation Commission (MTC), and the Association of Bay Area Governments (ABAG) on Plan Bay Area 2050

Outline



- Background and Overview
- Key Intersections with Air District Work
- Ongoing Collaboration between Air District and MTC
- Next Steps

Requested Action



- None; informational item

Background



- Senate Bill (SB) 375 (2008) requires
 - California Air Resource Board (CARB) to set region-specific Greenhouse Gas (GHG) reduction targets achieved through passenger vehicle trip reductions
 - Metropolitan Planning Organizations to develop Sustainable Communities Strategy, which must integrate transportation and land-use planning
 - CARB to review and approve the developed Sustainable Communities Strategy
- Plan Bay Area
 - MTC and ABAG responsible for its development
 - Plan Bay Area 2050 is the current iteration (First in 2013, Second in 2017)
 - GHG target: 19% reduction per capita from passenger vehicles relative to 2005 levels

Background Cont'd



- Plan Bay Area 2050 – Key Phases
 - **Blueprint:** Suite of 35 transportation, housing, economic, and environmental strategies
 - **Implementation Plan:** Short-term actions to be taken over the next five (5) years
 - **Environmental Impact Report (EIR):** Required by the CA Environmental Quality Act (CEQA) and analyzes potential significant environmental Impacts
- Significantly increased emphasis on equity

Advancing Equity



- MTC incorporated equity into the Blueprint strategies through
 - Regional Equity Working Group
 - Focus groups of historically underrepresented communities facilitated by community-based organizations
- Equity Analysis Report
 - Analyze how equity is incorporated into each strategy, highlighting equity mitigations and commitments to equity-focused policies for transportation projects
 - Estimate the share of Plan funding benefiting underserved communities
 - Compare outcome metrics for full implementation of the Plan

Plan Bay Area 2050 Highlights



- Includes a wide range of ambitious strategies extending far beyond a typical transportation plan
- Outcome metrics from Blueprint Phase indicate that the plan would achieve
 - 22% reduction in GHG emissions per capita from passenger vehicles relative to 2005 levels;
 - 20% reduction in daily transportation Particulate Matter (PM_{2.5}) emissions;
 - Increase in commutes made by biking, walking, and transit; and
 - Increases affordability: transportation & housing
- Implementation of the plan will require significant resources and collaboration between agencies and stakeholders

Key Intersections with Air District Work



- Ongoing Air District engagement
 - Regional Advisory Working Group
 - Regional Equity Working Group
 - Other workshops and direct meetings
- Staff evaluated Blueprint strategies to identify key intersections with Air District priorities and programs
- Three high priority programmatic areas identified:
 - Transportation and Equity
 - Building Decarbonization
 - Clean Vehicles and Reducing Vehicle Miles Traveled (VMT)

Transportation and Equity



Blueprint Strategies	Key Intersections with Air District
<ul style="list-style-type: none">• Support Community-Led Transportation Enhancements in Communities of Concern• Build a Complete Streets network• Enhance Local Transit Frequency, Capacity, and Reliability	<ul style="list-style-type: none">• Assembly Bill (AB) 617• Commuter Benefits Program• Flex the Commute• Diesel Free by '33• Transportation Fund for Clean Air

Building Decarbonization



Blueprint Strategies	Key Intersections with Air District
<ul style="list-style-type: none">• Allow a Greater Mix of Housing Densities and Types in Blueprint Growth Geographies• Build Adequate Affordable Housing to Ensure Homes for All• Transform Aging Malls and Office Parks into Neighborhoods• Accelerate Reuse of Public and Community Land for Mixed-Income Housing and Essential Services• Provide Means-Based Financial Support to Retrofit Existing Residential Buildings (Energy, Water, Seismic, Fire)• Fund Energy Upgrades to Enable Carbon-Neutrality in All Existing Commercial and Public Buildings	<ul style="list-style-type: none">• AB 617• Commuter Benefits Program• Flex the Commute• Diesel Free by '33• Building Decarbonization Program

Clean Vehicles and Reducing VMT



Blueprint Strategies	Key Intersections with Air District
<ul style="list-style-type: none">• Expand Commute Trip Reduction Programs at Major Employers• Expand Clean Vehicle Initiatives• Expand Transportation Demand Management Initiatives	<ul style="list-style-type: none">• AB 617• Commuter Benefits Program• Flex the Commute• Charge!• Clean Cars for All• Transportation Fund for Clean Air

Next Steps



- Continue to engage with MTC/ABAG on Implementation Plan, EIR, and Equity Analysis in Summer 2021
 - Continued participation in Regional Advisory Working Group, Regional Equity Working Group, other workshops, and direct meetings
 - Identify areas that the Air District can partner with MTC/ABAG in the Plan's implementation to achieve shared goals
 - Review and comment on documents once released
- Adoption of Final Implementation Plan, EIR, and Equity Analysis expected in Fall 2021