WHAT?

The Contra Costa Transportation Authority identifies the key problems in the transportation sector as: congestion, increase of single-occupant vehicles, greenhouse gas emissions, and infrastructure risks such as rising tides.

Nearly 92% of all trips are by car. Over the past 30 years, traffic congestion has increased at a faster rate than population growth. Congestion is expected to continue to increase with average vehicle delay more than doubling. Transportation is responsible for approximately 40% of greenhouse gas emissions in California. The transportation system is also vulnerable to effects of climate change, especially rising tides.

Objectives to Reduce Emissions from the Transportation Sector:

1. Manage population Growth and its Impacts
   - The Congestion Management Program (CMP) identifies performance measures for highways, land use evaluation program, and seven-year capital improvement program.
   - Coordinate with cities to manage construction and maintenance of local streets and roads – specifically the investments that support active transportation (i.e. walking/biking).

2. Expand affordable alternatives to single-occupant vehicles

3. Maintain and Support Infrastructure

4. Invest wisely to maximize benefits of funding
   - Most funding stems from Measure J and C (6.5 billion in one year).
   - Over $29 billion is needed for new projects and programs to maintain and improve roads, freeways, transit systems bicycle and pedestrian facilities.

This figure represents the funding plan of the Contra Costa County Transportation Authority.
**TRANSPORTATION FACT SHEET**

**Contra Costa County Climate Leaders**
A project of Generation Green - a 501(c) 3 nonprofit organization

*Find Links to Other Local Government Policy Opportunities at [www.cccclimateleaders.org](http://www.cccclimateleaders.org)*

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**WHY?**

*SB 32* mandates a 40 percent reduction in GHG emissions below the 1990 level by 2030, and the Governor’s Executive Order B-16-2012, aims to reduce transportation GHG emissions to 80% below 1990 levels by 2050. In order to comply, counties and cities need to address emissions caused by the transportation sector.

Cleaner cars and alternative transportation improves the health and safety of residents.

- Traffic collisions are the leading cause of death in the U.S for people under the age of 34.
- Every hour spent in a car increases a person’s risk of being obese by 6%.
- Air quality and noise levels are increased in communities close to highways—large areas of San Pablo, Concord, and Antioch are impacted.

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**WHO?**

The [Contra Costa County Transportation Authority](http://www.ctrac.org) manages the county’s transportation sales tax program and planning. The [Metropolitan Transportation Commission](http://www.mtc.ca.gov) is a transportation planning, financing and coordinating agency for the nine county San Francisco Bay Area.

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**WHERE?**

*Examples of Local Best Transportation Practices in Contra Costa:*

- Contra Costa County – partnered with Scoop, a carpooling application, to increase the number of carpoolers and decrease single occupant vehicles.
- City of Richmond conducted a First Mile/Last Mile Strategic Plan, using a sustainability grant from CalTrans.
- City of Pleasant Hill Bart remodel combines housing, work, transit, and entertainment in an urban space. The Contra Costa Centre also offers employees commuter benefits for alternative transportation.
- City of Concord instituted a variety of transportation related programs including:
  - A Bicycle, Pedestrian & Safe Routes to Transit Plan.
  - Developed a Downtown Corridors Plan to make Downtown Concord more pedestrian friendly.
  - Police and Public Works Departments piloted a new vehicle management system called EcoLock to significantly lessen idling vehicles.
  - Installing five 220V dual-port Quick Charge electric vehicle charging stations for more efficient charging and capacity.

*Examples of other Local Government Best Practices:*

- City of Dublin BART partnered with MTC and Scoop to guarantee parking at Dublin BART to carpoolers.
- City of San Jose Green Trips challenge + Green Commute Champions.
- City of Palo Alto implemented a free downtown shuttle running seven days a week for easy transit access.
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- City of San Francisco partnered with Waze to help alleviate congestion in San Francisco, working in coordination with the Mayor’s Rush Hour Congestion Strategy.
- Marin County partnered with Lyft to provide credit for the Lyft line carpool - Commuters on the SMART train will be able to get discounted rides between the rail station and work through a subsidy for the Lyft service.
- TransForm’s GreenTRIP program has completed greenhouse gas emissions reduction evaluations for many housing projects applying for Affordable Housing and Sustainable Communities (AHSC) funds. They also provide GreenTrip Certification for new housing developments.

HOW?

There are three keys ways to reduce emissions from the transportation sector:

1. Increase Vehicle Efficiency
2. Increase Fuel Efficiency
3. Improve Transportation options to reduce VMT

General Funding Information and Grants:

1. General Funding Information:
   - Division of Transportation Planning California, Department of Transportation’s Transportation Funding In California 2017
   - Caltrans’ Division of Rail and Mass Transportation (DRMT) website.
   - Metropolitan planning organizations such as the Metropolitan Transportation Commission have their own active transportation programs here.
   - Subscribe to the Division of Local Assistance (DLA) Email Notification List to receive timely notices of our publications updates and policy/procedure changes related to federal-aid funding here

2. Grants:
   - The Road Repair and Accountability Act of 2017, or SB-1 discretionary grants and information can be located here. A call for applications is expected to be released in the coming months, or early next calendar year depending on the specific program.
   - Caltrans’ Transportation Planning Grant Program: Announcing Senate Bill 1 Final Grant Application Guides and Call-for-Applications
   - Federal discretionary grants can be found here.

TO LEARN MORE?

California Air Resource Board
California Department of Transportation (DOT)
DOT 2040 California Transportation Plan
Contra Costa Transportation Authority
Countywide Transportation Plan 2017
Metropolitan Transportation Commission
Plan Bay Area 2040
Spare the Air
511 Contra Costa