

# Transportation for ALL CARB 2022 Scoping Plan

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## *SAN DIEGO'S* **10 TRANSIT LIFELINES**



# AGENDA:

## CALIFORNIA'S TRANSPORTATION PROBLEM & SOLUTION

### 1. Problem

- Transportation is the largest source of statewide emissions, **40%**
- EVs alone, **not the solution**
- Our transit **actively isolates and weakens EJ communities**

### 2. Solution:

- A San Diego Case, **10 Transit Lifelines**

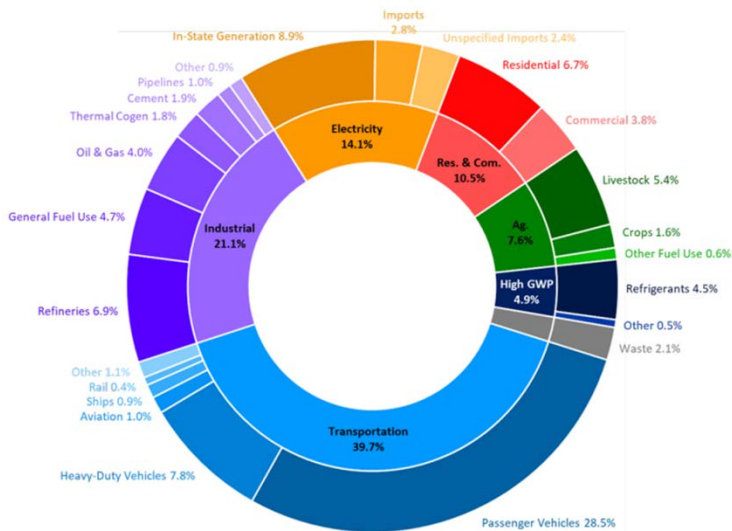
### 3. Ask/Action:

- Our **Recommendations** for CARB Scoping Plan

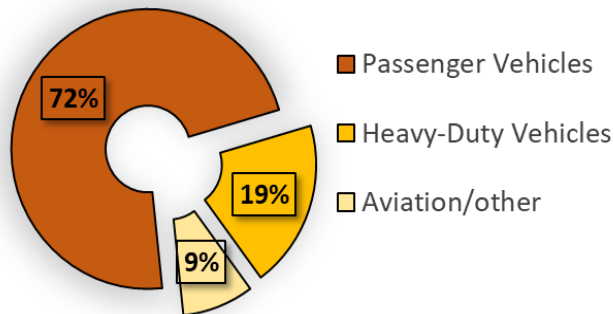


# PROBLEM #1: CARS

## CALIFORNIA'S LARGEST SINGLE GHG EMISSION SOURCE



2019 GHG Emissions by Scoping Plan Sector & Sub-Sector Category



California Transportation Emissions by Vehicle Type



# SAN DIEGO REGIONAL GHG EMISSIONS MIRROR CA: 2021 REGIONAL PLAN DATA

*A few key statistics point to the urgent need to reimagine our regional transportation system so that we can tackle these pressing challenges:*

**41%**

of GHG emissions  
come from  
passenger cars  
and trucks

**79%**

of commuters drive alone  
to and from work,  
worsening congestion  
during peak commute hours



only  
**12%** 

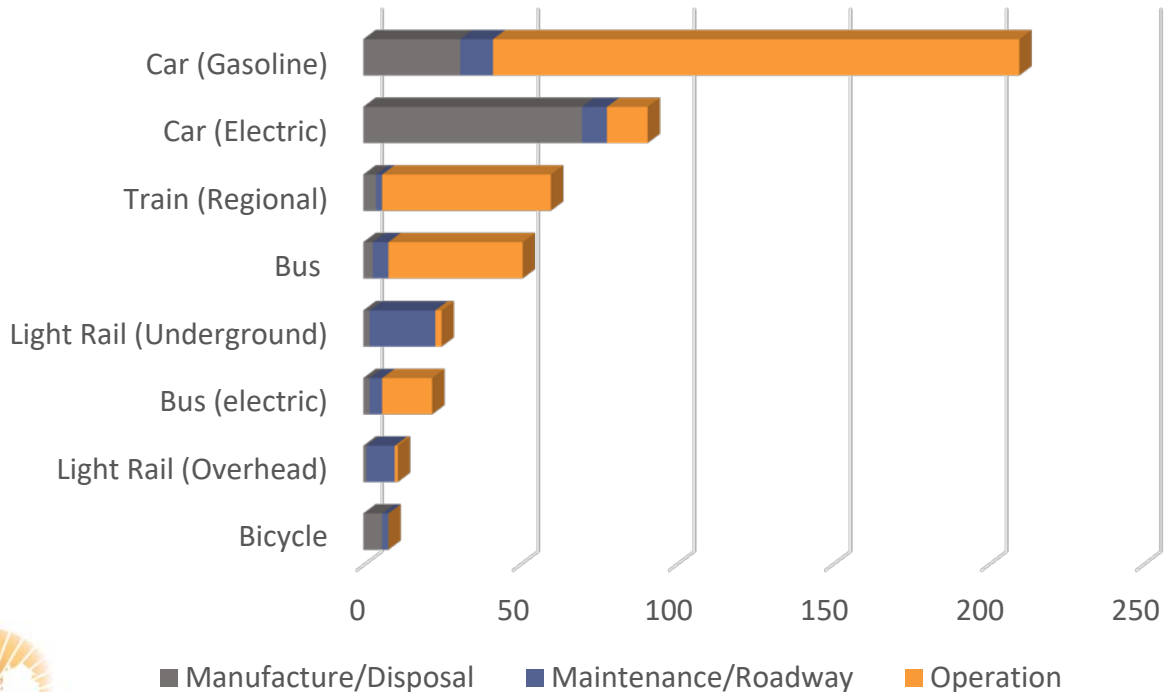
of low-income  
residents  
currently live within  
a half mile of a  
**commuter rail,  
light rail, or  
Rapid transit stop**



# PROBLEM #2: EV'S ALONE WILL NOT A SOLUTION

## Average Carbon Emissions by Transport Type

(in gram per passenger kilometer)



■ Manufacture/Disposal

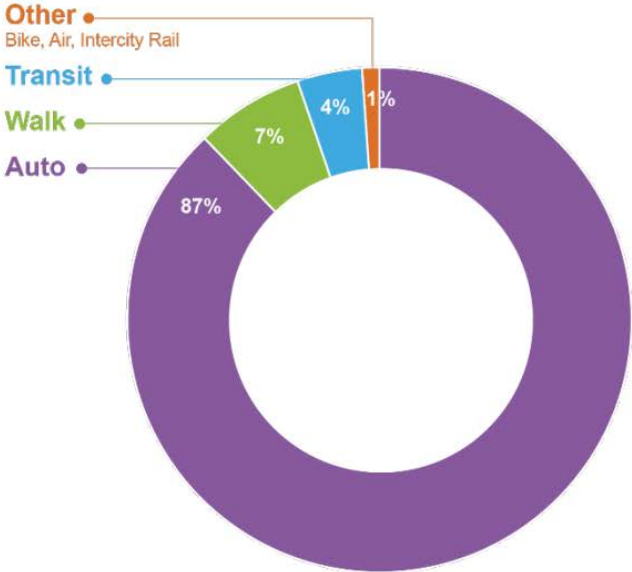
■ Maintenance/Roadway

■ Operation

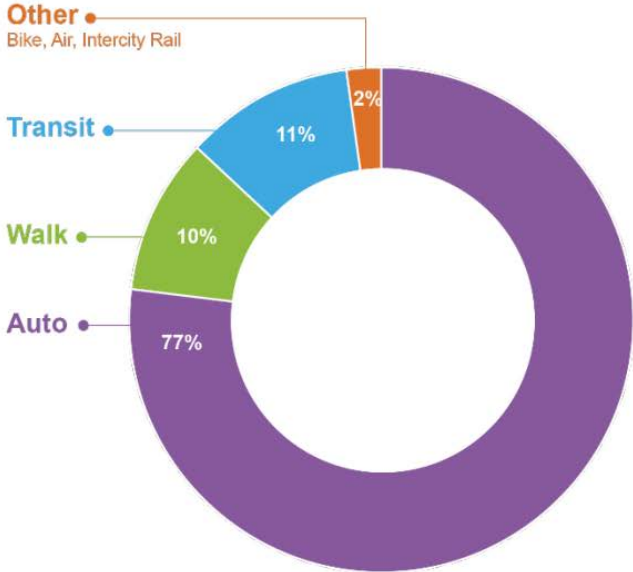


# Mode Share in 2050 California Transportation Plan

## 2050 BASELINE MODE SHARE

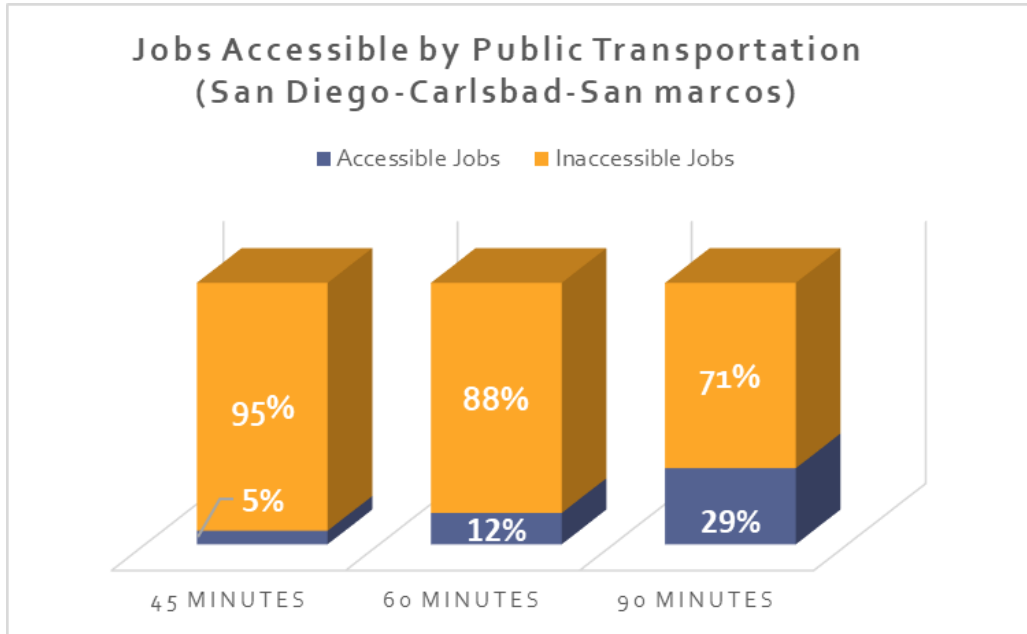


## COMBINED SCENARIO MODE SHARE



# PROBLEM #3:

## EJ COMMUNITIES LACK ACCESS TO AFFORDABLE, RELIABLE, FREQUENT TRANSIT



# SOLUTIONS: A TRANSIT LINE IS A LIFELINE







**OUR TRANSPORTATION SYSTEM SHOULD FEED OUR LIVELIHOODS, REDUCE AIR POLLUTION, AND THREAD OUR COMMUNITIES TOGETHER.**

*The 10 Transit Lifelines represent the priorities that residents at the forefront of the climate crisis in Barrio Logan, City Heights, and National City have identified through a community-driven process led by the San Diego Transportation Equity Working Group. Though identified by residents who live south of the I-15 freeway, the 10 lifelines reflect a vision to advance affordable and frequent transit solutions that will benefit all San Diegans. Most are solutions that can be implemented immediately while big infrastructure projects are built out.*

**1 A REGIONAL PLAN THAT PRIORITIZES ENVIRONMENTAL JUSTICE**

*When transportation promotes environmental justice, everyone benefits.*

Demonstrate environmental justice (EJ) communities are a priority by identifying projects that will improve their access to public transportation by 2025. These primarily low-income communities of color face the most pollution in the San Diego region and rely most on transit. The projects should include a Safe Routes to Transit strategy and an early action project Mobility Hub at Euclid Transit Center.

**2 BUS SERVICE EVERY 10 MINUTES**

*Set the stage for a new transit era*

Make bus service reliable and affordable now - we can't wait. Buses are one of the most cost-effective ways to get us where we need to go while cutting climate pollution. We need immediate solutions, while big infrastructure projects are built.

**3**

**YOUTH OPPORTUNITY PASSES**

*Invest in young people*

Provide no-cost transit passes for all youth, ages 24 and under, to build generations of lifelong transit riders and connect youth to school, work, internships, and early career opportunities.

**4**

**BLUE LINE EXPRESS**

*The Blue Line should be the region's biggest move*

Build a 24-hour Express Blue Line. The Blue Line already has the highest ridership and is one of the best-performing transit lines in the region. However, it is overcrowded, has limited frequency, delayed connections, and no 24-hour service.

- A Regional Plan that prioritizes EJ
- Youth opportunity passes
- Bus service every 10 minutes
- Blue Line Express
- 24- Hour service
- The purple line
- An all-electric bus fleet by 2030
- Anti-displacement strategies
- Restroom access
- Emergency-Ready Transit System



# BUS SERVICE EVERY 10 MINUTES SET THE STAGE FOR A NEW TRANSIT ERA



# EMERGENCY-READY TRANSIT SYSTEM: PROTECT RESIDENTS LIVING NEAR HAZARDOUS SITES DURING DISASTERS





YES For Traffic Relief. Transit. Jobs.

## Priorities

- Reduced fares for seniors, students, disabled
- Frequency enhancements on existing rapid bus & trolley lines
- Purple line from South County to Kearny Mesa
- Blue Line Express for South County
- Dedicated funding for SANDAG's rapid route connections
- Habitat preservation, stormwater upgrades, active transportation
- Moving Del Mar Rail Line Off The Bluffs



Read the full initiative and project list at [LetsGoSD.org](http://LetsGoSD.org)

## Recommendation #1:

# Rapid transition to ZEV for heavy-duty trucks

CARB should accelerate goals for medium- and heavy-duty vehicle sales to be 100% ZEV by 2030 with only ZEVs on road by 2035.

### *Example:*

The Port of San Diego Board of Commissioners recently adopted a goal in the 2021 Maritime Clean Air Strategy to transition to 100% ZEV trucks by 2030.



## Recommendation #2: Increase MPO targets

CARB should set higher SB 375 greenhouse gas (GHG) emission reduction targets for Metropolitan Planning Organizations (MPO) relative to each region.

### *Example:*

San Diego Association of Governments (SANDAG) GHG reduction target can be increased from 18% to 25% by 2035. This is an effective tool CARB has the authority to utilize to help increase VMT and GHG reductions simultaneously at the regional level.



## Recommendation #3: VMT Reductions

CARB should set greater VMT reduction targets achieve 11% transit mode share statewide by 2035 with a corresponding VMT reduction of at least 30% and a 22% transit mode share by 2045 with a corresponding VMT reduction.

### *Example:*

Accelerated implementation of the combined scenario in the California Transportation Plan (CTP) combined 2050 scenario 15 years faster to achieve 11% transit ridership and 28% VMT reductions.



# Recommendation #4: Transit Investments

CARB should direct investments for EJ communities that increase accessibility, frequency, reliability and affordability of zero-emission transit options such as electric bus and light rail.

## *Example:*

What would a program modeled after TCC look like for regional specific transportation improvements led by community?





# Transportation for all = vibrant communities

*BEFORE*



*AFTER*



Cheonggyecheon River Restoration in downtown Seoul, South Korea