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2017 Scoping Plan

- Water
- Energy
- Natural and Working Lands
- Industry
- Agriculture
- Transportation
- Waste Management

- 21% Industrial
- 40% Transportation
- 15% Electricity
- 10% Commercial & Residential
- 8% Agriculture
- 5% High GWP
- 2% Recycling & Waste

424.1 MMTCO₂e
2017 TOTAL CA EMISSIONS
How do we address transportation emissions?

- Natural & Working Lands
  - Restoration
  - 15-20 million metric tons of reductions

- Reduce “Super Pollutants”
  - 40% reduction in methane and HFCs

- Welcable & bikeable communities

- On-road oil demand reduced by half

- Clean Transit
  - 100% of new buses are zero-emission

- Clean Cars
  - Over 4 million affordable electric cars on the road

- Sustainable Freight
  - Transitioning to zero emissions everywhere feasible, and near-zero emissions with renewable fuels everywhere else

- High density, transit-oriented housing

- 18% carbon intensity reduction
SB 375: Sustainable Communities Strategies

18 MPO Regions
Identify Land Use & Transportation Strategies to ↓ GHG
Includes CARB’s assessment of:

- Changes to VMT and other metrics
- Implementation challenges
- Examples of regional implementation
What the data say...
SB 375
transportation
GHG emissions
reductions are
not on track to
meet targets

(Source: CA Dept. of Tax & Fee Admin.)
Californians Continue to Drive Alone as their Primary Mode of Travel

(Source: American Community Survey)
Transit Ridership is Falling

(Source: National Transit Database)
Housing Cost Burden Continues to Increase

(Source: American Community Survey)

Burden shows the percentage of rental households paying over 35 percent of their income for housing.
Why is this happening, and what can we do?
A Strategy for Healthy Communities

Land Use
Affordable Housing
Transportation Choices
Incentives and Pricing
Next-Gen Mobility

CARB
Zero-Net Carbon Feasibility Study
SB 1014: Clean Miles Standard
For more information contact:
Caitlin Miller, Air Pollution Specialist
Sustainable Communities Policy and Planning Section
Caitlin.Miller@arb.ca.gov | 916-445-9798