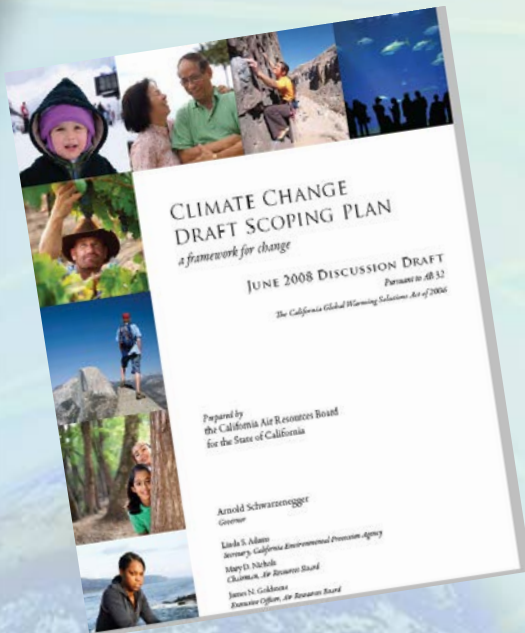


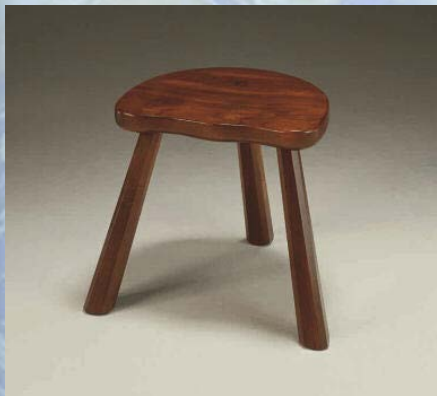
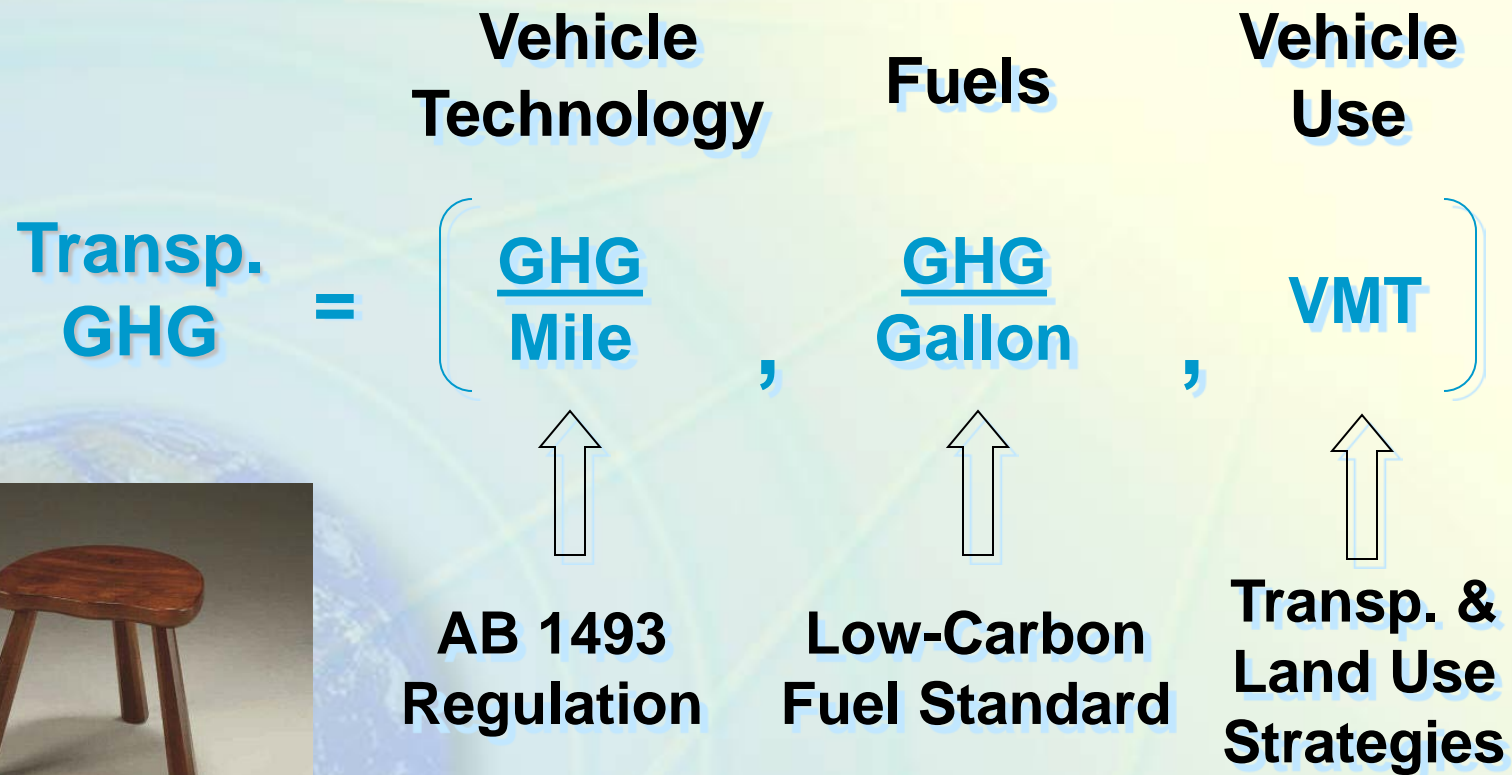
AB 32 Implementation



California Transit Association Webinar

Kurt Karperos
Air Resources Board
September 3, 2008

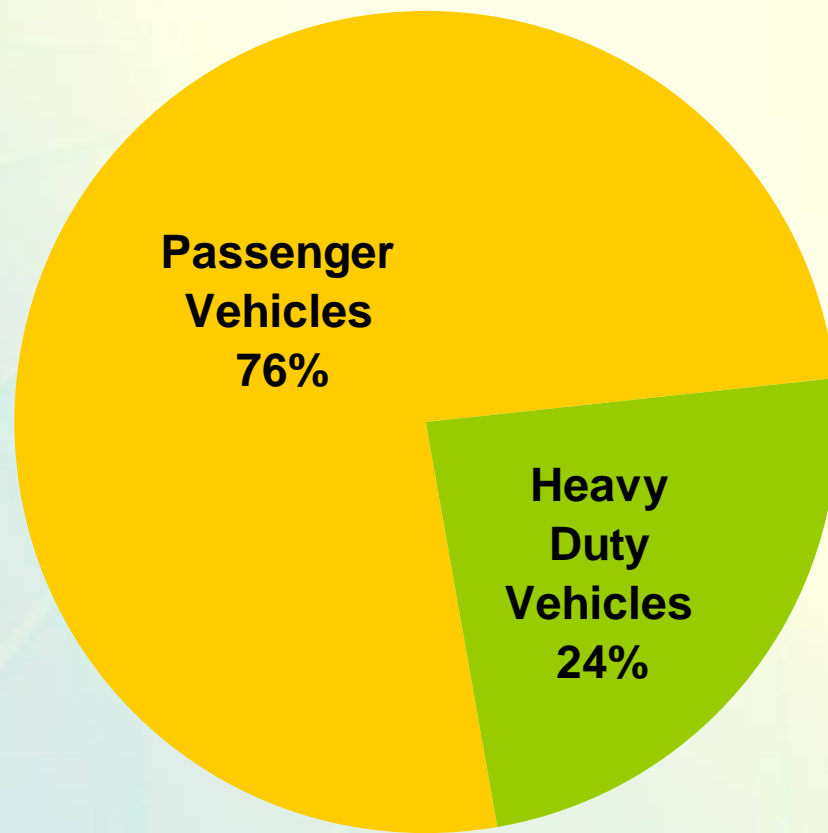
Transportation GHG



On-Road Transportation Sources 2020

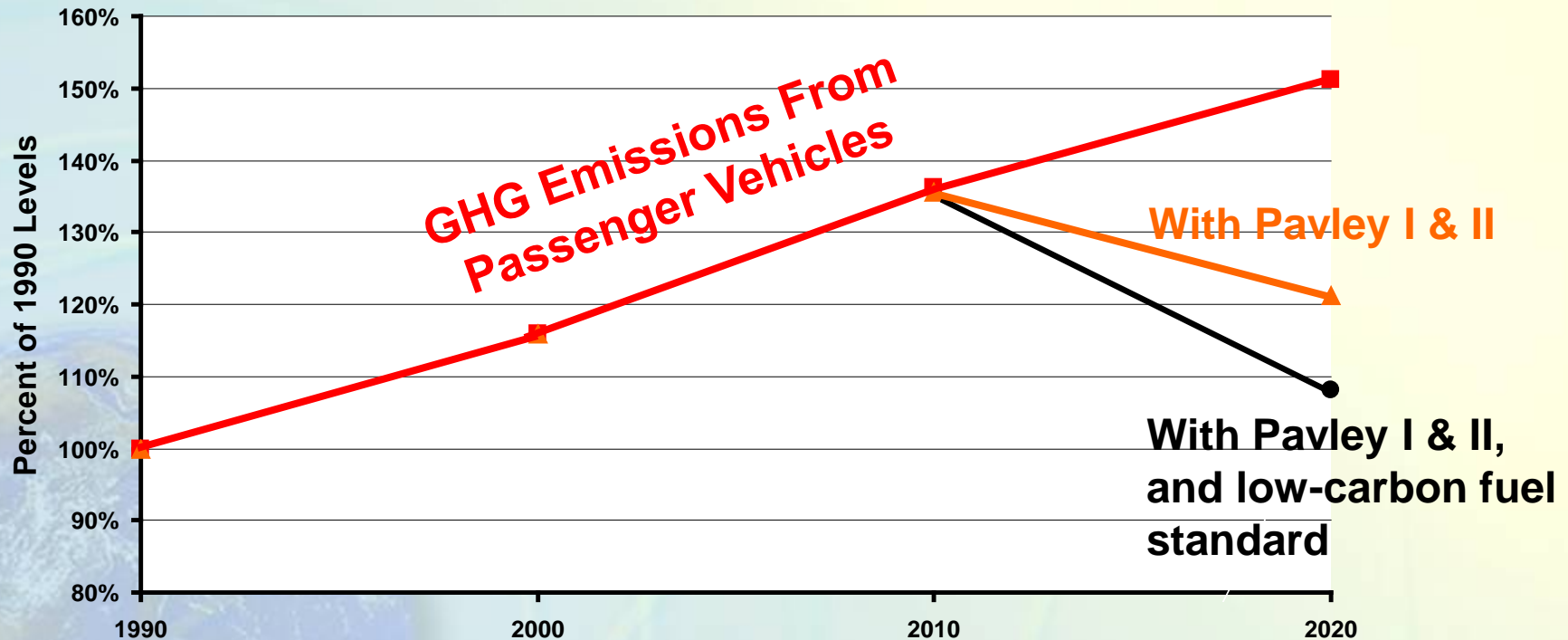
Passenger Vehicles
~ **160 MMTCO₂E**

Heavy-Duty Vehicles
~ **50 MMTCO₂E**



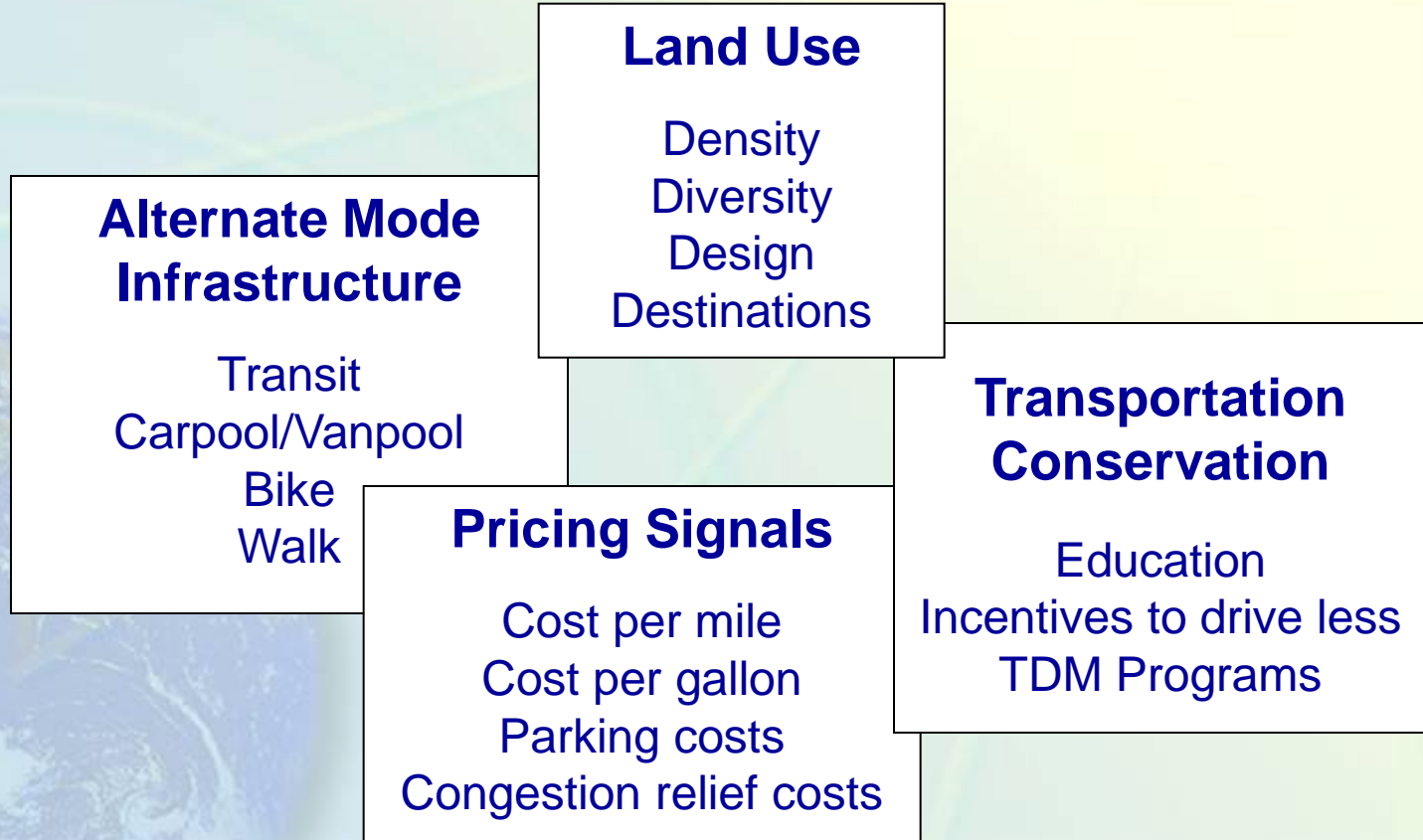
*Preliminary ARB GHG Projections for 2020

Reaching 2020 Goals



Drivers of VMT Reduction

Integrated Strategies



Land Use: A Long-Term Strategy That Must Begin Now

- Land use strategies mostly impact new growth; benefits accumulate
- Population: +13% by 2020; +40% by 2040
- Multiple benefits:
 - Options to increasingly expensive car travel
 - More access to jobs, services, affordable housing
 - Less land used; more open space
 - More physical activity; improved health
 - Improved water/air quality

Potential Long-Term Impacts of Growing Smarter

Sacramento Region -- 2050

Parameter	Base Case 2050	Adopted Plan 2050	Difference
VMT per household per day	47.2	34.9	12.3 fewer miles per household per day, a 25% reduction
People Living in Areas with Good Mix of Jobs and Housing	26%	53%	27% increase
Growth Near Transit	5% New Jobs 2% New Housing	41% New Jobs 38% New Housing	36% more new jobs and homes near transit
Additional Urbanized Land	666 square miles	304 square miles	362 fewer square miles urbanized
Daily Vehicle Minutes of Travel (per household/day)	81 minutes	67 minutes	14 fewer minutes per day
Per Capita CO2 and PM Emissions from vehicles	Set at 100%	85% of Base Case	15% less than the Base Case per capita

Source: SACOG, Regional Blueprint Program, 2005

Scoping Plan Recommendation: Regional Targets

- Set regional transportation-related GHG targets
 - In partnership with regional and local governments
- How are targets envisioned to be reached?
 - Use Blueprint framework to create vision to reach targets
 - Work to align general plans and RTP with Blueprint to reach target
 - Establish enabling structure to support local actions

Enabling Structure for Local Actions

- Exercise State leadership
- Pursue funding sources and allocate effectively
- Improve measurement through partnerships
- Promote high-quality, low-impact communities
- Identify funding sources for local level GHG reduction strategies
- Adopt proven measures
- Amend CEQA guidelines to account for GHG emissions
- Conduct outreach and engage the public

For Additional Information:

- ARB Climate Change Web Site
(To stay informed - sign up for list serve)
www.arb.ca.gov/cc/cc.htm
- California Climate Change Portal
www.climatechange.ca.gov
- Comments on the Draft Scoping Plan
www.arb.ca.gov/cc/scopingplan/spcomment.htm