Transit's Role in Climate Change Planning



California Transit Association AB 32 Webinar September 3, 2008

Presentation Overview

- Transit in Sustainability & Climate Change
- Carbon Footprint / Shadow
- Options & Goal Reduction Potential
- Sustainability Implementation Framework
- Challenges
- Transit's Role & Recommendations













1. Transit as Part of the Solution

"the (auto) trip not taken"

- Sustain Service
- Enhance Capacity
- Coordinate with Land Use
- Early Actions
 - Service, fares, marketing, access
- Increase Coverage



Sustainable Mobility Transit Boulevards



Universal Design Concept •Complete & Green Streets and Transit Supportive Land-Uses •Integrates multi-modal transportation infrastructure, information, operations, energy inputs with the land uses at the design phase¹¹





Challenge to Sustainability/Climate Action in Transit/Transportation Agencies

- Perfect Storm heading to Transit Sector
 - Record Transit Ridership Growth
 - State and Federal Budget cuts in Transit
 - Record Energy Cost Increases
 - Fare increases becoming increasing more difficult to approve
 - Draft Scoping Plan does not adequately acknowledge Transit's role but polices shift toward more Transit use
 - New Zero Emission Bus Rules and other regulations









Transit recommendations for Scoping Plan

- Incorporate GHG Traffic Mitigations & Adaptation in California Environmental Quality Act
 - Include transit, demand management and nonmotorized best practices as acceptable local traffic mitigations
- Promote Transit Education, Public
 Outreach & Staff Training Opportunities
 - Similar to Flex Your Power eg: "Flex your Commute"
 - Coordinate with CTA and APTA to incorporate GHG emission analysis & metrics