Strategy for a Sustainable Region

Randy Rentschler
MTC
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BayArea Plan

MT MTC SAFE

OneBayArea
Working for Sustainability
Plan Bay Area

- 25-year long-range transportation plan Updated every four years –
- Guides transportation policies and investments in the nine-county region
- More closely links land use and transportation planning
- Reduces per capita greenhouse gas emissions
NO. CALTRANS DID NOT REPAVE EVERY ROAD OVERNIGHT.

THE ALL-NEW SMOOTHER-RIDING DURANGO
The Bay Area: Sea-level Rise and the Bay

Source: BCDC
Policy/Project Predecessors to Plan Bay Area

- AB 32
- SB 375
- MTC Policies
  - Fix It First Policy
  - Transit-Oriented Development (TOD) Policy
  - Transportation for Livable Communities
  - FOCUS Initiative
    - Priority Development Areas
    - Priority Conservation Areas
AB 32 Global Warming Solutions Act of 2006

- Establishes regulatory and market mechanisms to achieve greenhouse gas (GHG) emissions reductions
- AB 32 sets GHG emissions limit for 2020 at 1990 level
  - Acknowledges that 2020 is not the endpoint
  - Points way towards 80% reduction by 2050
- Air Resources Board (ARB) adopted a Scoping Plan to achieve AB 32’s GHG emissions reduction target
Senate Bill 375
Sustainable Communities Strategy

- Requires the integration of land use and transportation planning in a Sustainable Communities Strategy (SCS) to reduce emissions from light duty vehicles

- Directs ARB to develop GHG reduction targets for CA’s 18 MPOs for 2020 and 2035 -7% and -15% respectively for the Bay Area
“... set forth a forecasted development pattern for the region, which, when integrated with transportation network, and other transportation measures and policies, will reduce GHG emissions from autos and light trucks to achieve ... GHG emission reduction targets approved by ARB...”

- SB 375 (Section 65080 et al)
Fix It First Policy

- Maintain the Existing Transport System — Most Investments support existing Transit, Roads, Bridges
- Supports Focused Growth
- Supports Communities of Concern
- Reducing Deferred Maintenance = Highly Cost Effective
Sustainable Communities Strategy

What does the SCS mean for the Bay Area?

- Integrates transportation and land use
- Mandates MTC and ABAG to jointly create and approve the SCS as part of the Regional Transportation Plan
- Prescribed outreach to Bay Area communities
- Creates a GHG emission goal
- Measures performance
- Forecasts of population, jobs and housing
## Regional Growth

<table>
<thead>
<tr>
<th></th>
<th>2010</th>
<th>2040</th>
<th>Growth 2010 - 2040</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jobs</td>
<td>3,385,000</td>
<td>4,505,000</td>
<td>1,120,000</td>
</tr>
<tr>
<td>Population</td>
<td>7,152,000</td>
<td>9,299,000</td>
<td>2,147,000</td>
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<tr>
<td>Housing Units</td>
<td>2,786,000</td>
<td>3,446,000</td>
<td>660,000</td>
</tr>
</tbody>
</table>

Source: California Department of Finance, US Census, Center for Continuing Study of the California Economy, United States Department of Labor, Bureau of Labor Statistics, ABAG
Focus Growth Around Transit

- Forecast Bay Area growth in Priority Development Areas:
  - 75% new housing
  - 64% new jobs

- More intense development near high quality transit
One Bay Area Grant (OBAG) Program

Policy Approach

- Reward jurisdictions that produce housing near transit and create healthy communities
- Target investments in PDAs
- Secure Housing Element and Complete Streets commitments
- Provide flexible funds for local investment
OBAG Project Mix

Total Programmed OBAG Funding to Date

- Transportation for Livable Communities: 30% ($91M)
- Local Streets and Roads Rehab: 29% ($88M)
- Bicycle/Pedestrian: 26% ($79M)
- Safe Routes School: 2% ($6M)
- Planning: 13% ($39M)

Note: Figures subject to change based on detailed review and evaluation.
Current Climate Initiatives Program

- **Public Outreach and Education Program - $10 million**
  - School and Youth Outreach Program
  - Smart Driving Pilots
  - Electric Vehicle Adoption Campaign

- **Innovative Grants – $31 million for 17 grants**
  - 4 Clean Vehicles
  - 4 Transportation Demand Management (TDM)
  - 4 Showcase
  - 1 Parking Management
  - 4 Creative Grants

- **Safe Routes to School (SR2S) County Program & Creative Grants - $35 million (Cycles 1 and 2)**

- **Program Evaluation - $2 million**
## Climate Initiatives Program

<table>
<thead>
<tr>
<th>Policy Initiative</th>
<th>2035 Cost in YOE millions</th>
<th>Per Capita CO2 Emissions Reductions in 2035</th>
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</thead>
<tbody>
<tr>
<td>Car Sharing</td>
<td>$13</td>
<td>-2.6%</td>
</tr>
<tr>
<td>Smart Driving Strategy</td>
<td>$160</td>
<td>-1.5%</td>
</tr>
<tr>
<td>Clean Vehicles Feebate Program</td>
<td>$25</td>
<td>-0.7%</td>
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<tr>
<td>Vehicle Buy-Back &amp; Plug-in or Electric Vehicle Purchase Incentive</td>
<td>$120</td>
<td>-0.5%</td>
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<tr>
<td>Vanpool Incentives</td>
<td>$6</td>
<td>-0.4%</td>
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<tr>
<td>Regional Electric Vehicle Charger Network</td>
<td>$80</td>
<td>-0.3%</td>
</tr>
<tr>
<td>Commuter Benefits Ordinance</td>
<td>$0</td>
<td>-0.3%</td>
</tr>
<tr>
<td>Climate Initiatives Innovative Grants</td>
<td>$226</td>
<td>TBD</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$630</strong></td>
<td><strong>-6.30%</strong></td>
</tr>
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</table>
Innovative Grants: Goals and Objectives

- Measurably reduce emissions of greenhouse gases and criteria pollutants
- Have the greatest potential for replication
- Employ multiple approaches together, effectively layering them to produce synergy
- Remove substantial barrier – technical, financial, policy or political – that impedes successful implementation of a new strategy
- Build effective collaboration and partnerships
## Clean Vehicles

**Grant Funding:** $14 million

1. EV Taxis (San Francisco)
2. Municipal EV Fleets and Smart Driving (Bay Area)
3. City CarShare EV Fleet (San Francisco)
4. Tribal EVs (Stewart’s Point Rancheria, Sonoma County)
Showcase
Grant Funding: $11 million

1. Bay Area Bike Share pilot in San Francisco, San Mateo, and Santa Clara counties
2. Port of Oakland’s Shore Power Initiative
3. Bicycle Detection System (San Jose)
4. Cold in Place Recycling demos for road rehabilitation (Napa, Sonoma)
Safe Routes to School Regional Program

- Distributed $35 million to the 9 Bay Area counties over two cycles

- Counties decided projects based on local needs
  - Most schools funded education and outreach programs