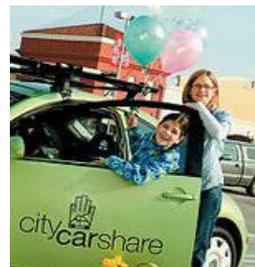




# Climate Initiatives Update



Partnership Technical Advisory Committee

March 17, 2014

# Climate Initiatives Program

Policy Initiative	2035 Cost in YOE millions	Per Capita CO2 Emissions Reductions in 2035
<b>Car Sharing</b>	<b>\$13</b>	<b>-2.6%</b>
<b>Smart Driving Strategy</b>	<b>\$160</b>	<b>-1.5%</b>
<b>Clean Vehicles Feebate Program</b>	<b>\$25</b>	<b>-0.7%</b>
<b>Vehicle Buy-Back &amp; Plug-in or Electric Vehicle Purchase Incentive</b>	<b>\$120</b>	<b>-0.5%</b>
<b>Vanpool Incentives</b>	<b>\$6</b>	<b>-0.4%</b>
<b>Regional Electric Vehicle Charger Network</b>	<b>\$80</b>	<b>-0.3%</b>
<b>Commuter Benefits Ordinance</b>	<b>\$0</b>	<b>-0.3%</b>
<b>Climate Initiatives Innovative Grants</b>	<b>\$226</b>	<b>TBD</b>
<b>Total</b>	<b>\$630</b>	<b>-6.3%</b>

# Climate Initiatives Program Cycle 1 (\$80 million)

- Climate Grants – \$29 million for 17 grants
  - 4 Clean Vehicles
  - 5 Transportation Demand Management (TDM)
  - 4 Miscellaneous
  - 4 Creative Grants focused on youth
- Public Outreach and Education Program – \$10 million
- Safe Routes to School (SR2S) Program – \$15 million
  - \$20 million CMAQ Cycle 2 for SR2S already programmed
- Program Evaluation – \$4 million
- Other – \$18 million (SFGo, Eastern Solano CMAQ)

# Clean Vehicles Grants



Project	Amount
<b>EV Taxis (SF)</b>	<b>\$1.0 million*</b>
<b>EV Fleets (Bay Area)</b>	<b>\$2.8 million</b>
<b>City Carshare EV (SF)</b>	<b>\$1.7 million</b>
<b>Tribal Evs (Sonoma)</b>	<b>\$ .4 million</b>
<b>TOTAL</b>	<b>\$5.9 million</b>

## Status of pilots:

- All projects delayed due to Buy America requirements.
- Projects all currently underway.

# Miscellaneous Grants



Project	Amount
<b>Bay Area Bike Share (SC, SF, SM)</b>	<b>\$7.1 million*</b>
<b>Port of Oakland's Shore Power</b>	<b>\$3.0 million</b>
<b>Bicycle Detection (San Jose)</b>	<b>\$1.5 million</b>
<b>Cold-in-Place Recycling (Napa, Sonoma)</b>	<b>\$2.0 million</b>
<b>TOTAL \$13.6 million</b>	

## Status of Pilots:

- Cold in Place Recycling and Shore Power pilot are complete.
- Bicycle Detection has yet to launch due to staff turnover.
- Bike share expansion under discussion.

*\* This includes the additional \$2.8m added to Bay Area Bike Share in May 2013.*

# Transportation Demand Management Grants



Project	Amount
<b>WeGo Rideshare</b> (Contra Costa, Marin, Sonoma)	<b>\$2.4 million*</b>
<b>Connect Redwood City!</b>	<b>\$1.5 million</b>
<b>Go Berkeley</b>	<b>\$2.0 million</b>
<b>TDM program (SF)</b>	<b>\$ 0.8 million</b>
<b>AVL Pilot (Santa Rosa)</b>	<b>\$ 0.6 million</b>
<b>TOTAL</b>	<b>\$7.3 million</b>

## Status of pilots:

- All but SF TDM are currently underway.
- Projects have early successes in reducing single occupancy vehicle trips.

*\*This includes \$875,000 added to WeGo Rideshare in May 2013.*

# Creative Grants

Project	Amount
<b>Bike Mobile</b> (Alameda)	<b>\$0.5 million</b>
<b>Green Ways to School</b> (Marin)	<b>\$0.4 million</b>
<b>Green Star Schools/ ECO2School</b> (Regional/Sonoma)	<b>\$0.9 million</b>
<b>GIS-based school route maps</b> (Solano)	<b>\$0.2 million</b>
<b>TOTAL</b>	<b>\$2 million</b>



## Status of Pilots:

- Green Star curriculum database in beta testing.
- Remaining pilots are operational.
- Bike Mobile has shown early success; MTC currently funding another region-wide Bike Mobile as part of Spare the Air Youth program.

# Status of Other Climate Initiatives Projects

- **Climate Grants**
  - Evaluation due fall 2014
- **Smart Driving**
  - 2 pilots currently underway
  - First pilot's results due within next few months
- **Electric Vehicle Promotion**
  - Ride and drives to launch late spring 2014
- **Spare the Air Youth**
  - Currently testing seven pilots through June 2015

# Cycle 2 Program: FY15 to FY17

## \$22.3 Million

- \$16.3m for Climate Programs in CMAQ Cycle 2, includes \$2.3 balance carryover from Cycle 1
- \$6m TFCA funds to be approved by Bay Area Air Quality Management District
- Draft staff recommendation:
  - Bay Area Bike Share: \$8.3 million
  - Electric Vehicle Charging Infrastructure: \$6 million
  - Car share expansion: \$2 million
  - Transportation Demand Management projects: \$6 million
    - Projects focused on integration of parking pricing, car sharing, vanpools/shuttles and targeted ridesharing.

# Bay Area Bike Share Cycle 2 Program



- Current pilot program expires in August
- Lessons learned
  - Advance planning important
  - Dedicated local jurisdiction staff critical
  - Benefits to having a regional system but flexibility is key
- Sustainable business model needed for the long term
  - Public funds for infrastructure and initial operating costs
  - User fees cover increasing amount of operating costs
  - Local jurisdictions must be able to sustain system with local funds, sponsorship, etc<sup>10</sup>

# Bay Area Bike Share Draft Recommendations



- **Phase 2:**
  - Suitability analysis completed, and Oakland/Berkeley area next to expand
  - Evaluate office park, campuses and transit station opportunities
  - Operations for Phase 1 cities included
- **Considerations for Contract Management**
  - Staff developing parameters on business model and sponsorship
  - Determine capacity to grow the system with public and private sector funds
  - Determine readiness for new jurisdictions
  - Consider long-term program management option

# Other Efforts in Cycle 2

- **Electric Vehicle Expansion**

- BAAQMD will lead program focused on increasing EV charging infrastructure and vehicles throughout the region
- Program specifics TBD

- **Car Share Expansion**

- Increase car sharing close to transit, business parks and suburban locations
- Implement emerging technical applications of car share
- Increase EVs in car sharing fleets

- **Transportation Demand Management projects**

- Continuation of successful grants
- Integration of parking pricing, car sharing, vanpools/shuttles and targeted ridesharing.

# Next Steps

- Discuss program recommendations with key stakeholder groups:

Upcoming Meetings	Date
MTC Policy Advisory Council	March 12 <sup>th</sup>
Partnership TAC	March 17 <sup>th</sup>
Active Transportation Working Group	March 20 <sup>th</sup>
Programming & Allocations Committee	April 9 <sup>th</sup>