Bay Area Bike Sharing Pilot Program
San Jose, Mountain View and Palo Alto
What is Bike Sharing?

- Similar to car sharing
- Public bicycles designed for short-term use
- Network of automated, self-service bike stations
- Membership-based program
- Check out/return to different stations
Why Bike Share?

• Demonstrate the potential for self-sustaining bike sharing system in the Bay Area

• Provide a convenient option for making short trips to transit, work, home, and social and recreational destinations

• Test the potential to reduce greenhouse gas emissions and vehicle miles traveled
Bike Sharing in North America

- Montreal, QB
- Washington, DC
- Denver, CO
- Chicago, IL
- Minneapolis, MN
- Toronto, ON
- Boston, MA
- Miami, FL

- New York, NY – Coming Soon!
- Vancouver, BC – Coming Soon!
- San Jose, Mt. View, Palo Alto, Redwood City, San Francisco, CA – Coming Soon!
How It Works

Rent

Ride

Return

Pod

Hub Station at Train Station

Pod

Pod

Pod

Pod

Pod
Bike Share Bicycle

- Commuter style
- Step-through frame
- Internally geared hub
- Lights
- Baskets
- Fenders
- Adjustable seat
- Vandal/theft resistant
- Proprietary components
Bike Share Station

- Solar-powered
- Self-service pay stations
- Secure electronic locking system
- Modular

*B-cycle station example*
Membership Pricing

- To be determined
- Models from other cities:
  - 24 hour = $5 - $10
  - 3 day = $12
  - 7 day = $15 - $25
  - 30 day = $30
  - Annual = $60 - $90
Background: Local → Regional

- **2009** – VTA secured a $500,000 SR2T grant to fund 100 bike-share bikes in San Jose, Mt. View or Palo Alto

- **June 2010** – VTA Board approved the Bike Share Feasibility Study to test a transit-based bike sharing pilot program in Santa Clara County

- **Summer 2010** – VTA joined a partnership with other Bay Area agencies to implement bike share as part of a regional program

- **October 2010** – MTC awarded regional partners $4.2 million to pilot the Bay Area Bike Share Program in five cities

- **2011** – Regional partners developing RFP and identifying sites for bike share
Regional Bike Share Program

• Project Lead
  – BAAQMD

• Funding
  – $4.3 million BACI grant from MTC
  – $1.4 million TFCA grant from BAAQMD
  – Local match & in-kind staff time

• Partner Agencies
  – SFMTA, SAMTRANS, City of Redwood City, and the County of San Mateo
Regional Program Overview

- 1,000 bicycles
- 100 stations
- Along Caltrain commute corridor
- San Francisco, Mountain View, Palo Alto, Redwood City and San Jose
- Launch in spring 2012
Bike Share in Santa Clara County
Local Implementation Overview

- VTA – project lead in Santa Clara County
- 400 bicycles – Palo Alto, Mt. View and San Jose
- ~40 bike share stations
- Bike share stations located within 3 miles of Caltrain stations
- Priority areas: downtowns, city halls, major shopping centers, San Jose State University, Stanford University, and major employment areas
Station Siting Criteria

• Within 3 miles of Caltrain stations
• Adequate sunlight for solar power
• Connection between Caltrain and destination
• Proximity to bikeways and routes
• Avoids obstruction to pedestrian flow and maintains ADA access
• No site upgrades needed (curb cuts, ramps, or paving)
• Public and private property
Installation

- Stations install in under an hour
- Portable and temporary structures
- No excavation or hard wiring required
- Wireless and solar-powered

From NYDOT
Siting Examples

Street – Toronto, ON

Sidewalk – Washington D.C.
Next Steps

- Finalize station locations
- Sponsorship outreach
- Public outreach
- RFP/Vendor selection
## Timeline

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>Vendor RFP Release</td>
<td>Winter 2011</td>
</tr>
<tr>
<td>Vendor Selection</td>
<td>Winter 2011</td>
</tr>
<tr>
<td>System Launch</td>
<td>Spring/Summer 2012</td>
</tr>
<tr>
<td>Close of Project (existing funds)</td>
<td>18 months from system launch</td>
</tr>
<tr>
<td>Project Evaluation</td>
<td>Within 6 months of close of project</td>
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