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

Boston

Montreal

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

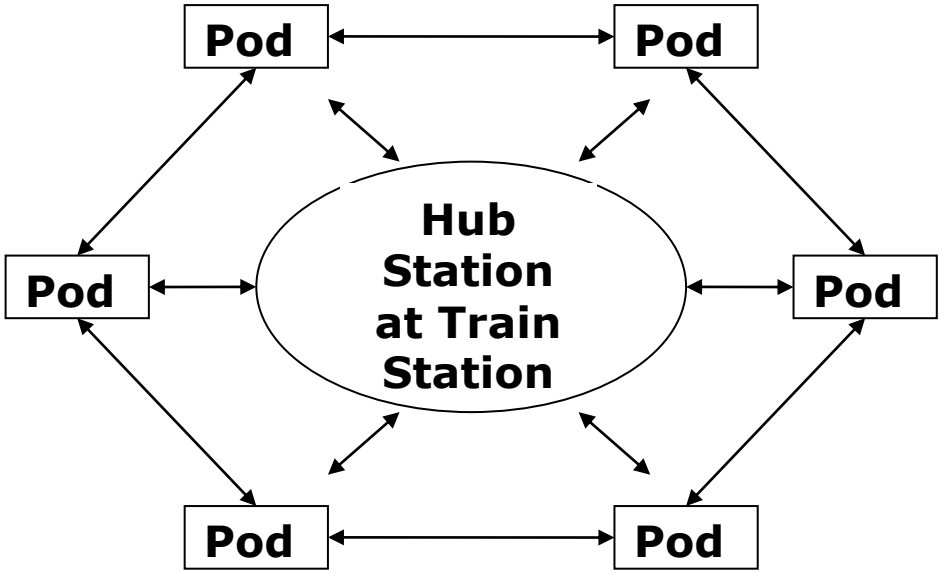
- New York, NY – Coming Soon!
- Vancouver, BC – Coming Soon!
- San Jose, Mt. View, Palo Alto, Redwood City, San Francisco, CA – **Coming Soon**!

How It Works

Rent

Ride

Return



Bike Share Bicycle

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

Montreal, QB

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

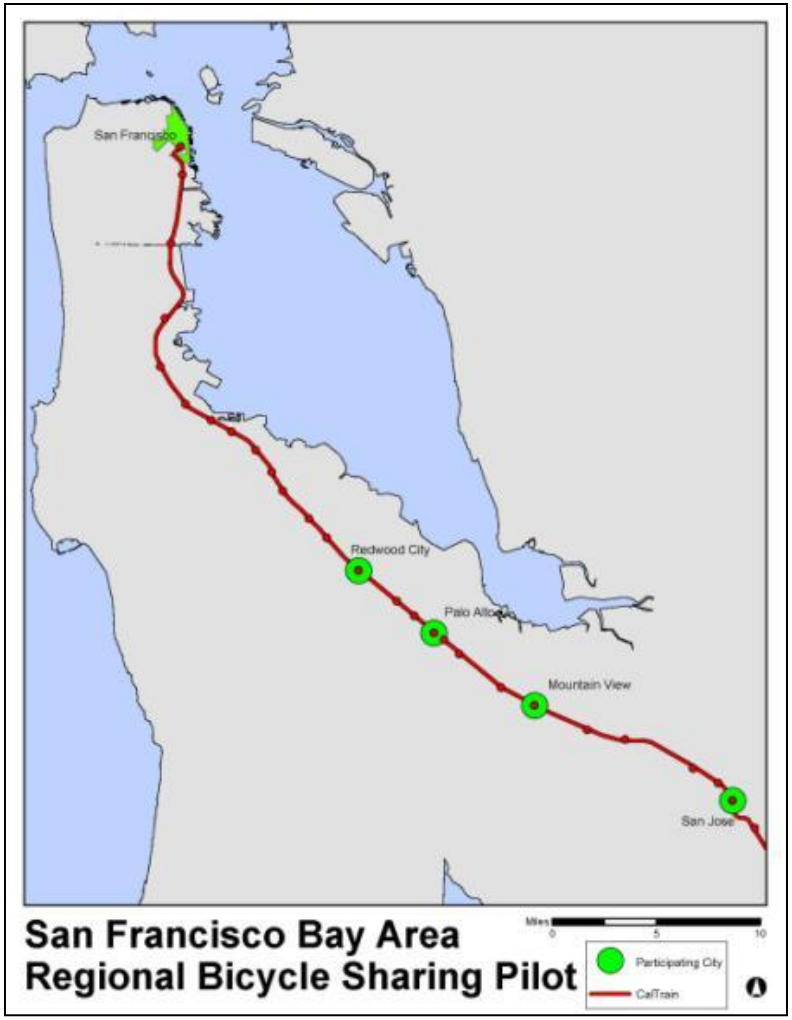
- **2011 –** Regional partners developing RFP and identifying sites for bike share

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

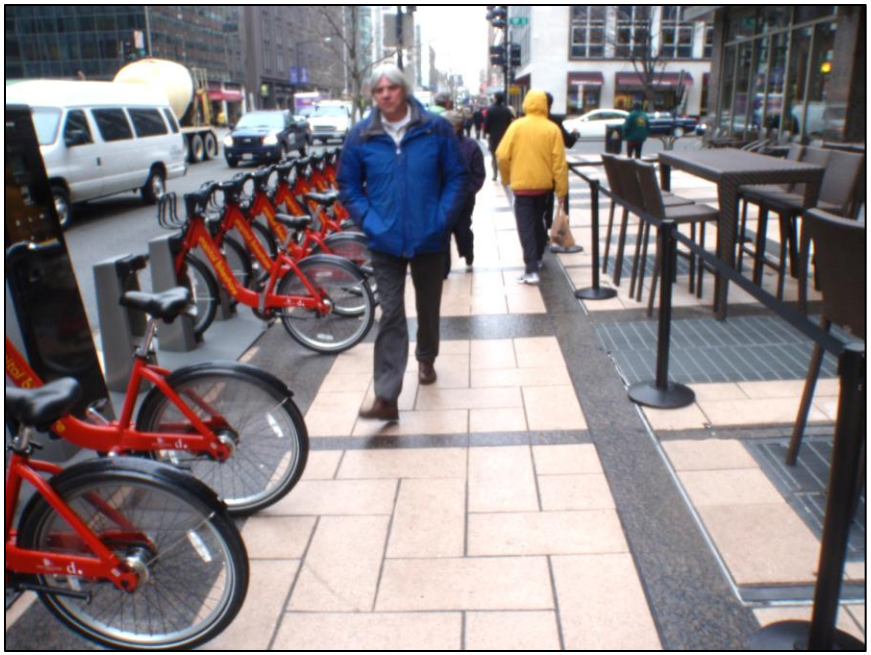
Installation

- 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

Milestone	Date
Vendor RFP Release	Winter 2011
Vendor Selection	Winter 2011
System Launch	Spring/Summer 2012
Close of Project (existing funds)	18 months from system launch
Project Evaluation	Within 6 months of close of project

Questions?

Aiko Cuenco
Bike Share Project Manager
aiko.cuenco@vta.org or bikeshare@vta.org

Follow us on Twitter
Twitter.com/VTAPlanning

Like us on Facebook
Facebook.com/VTAPlanning