

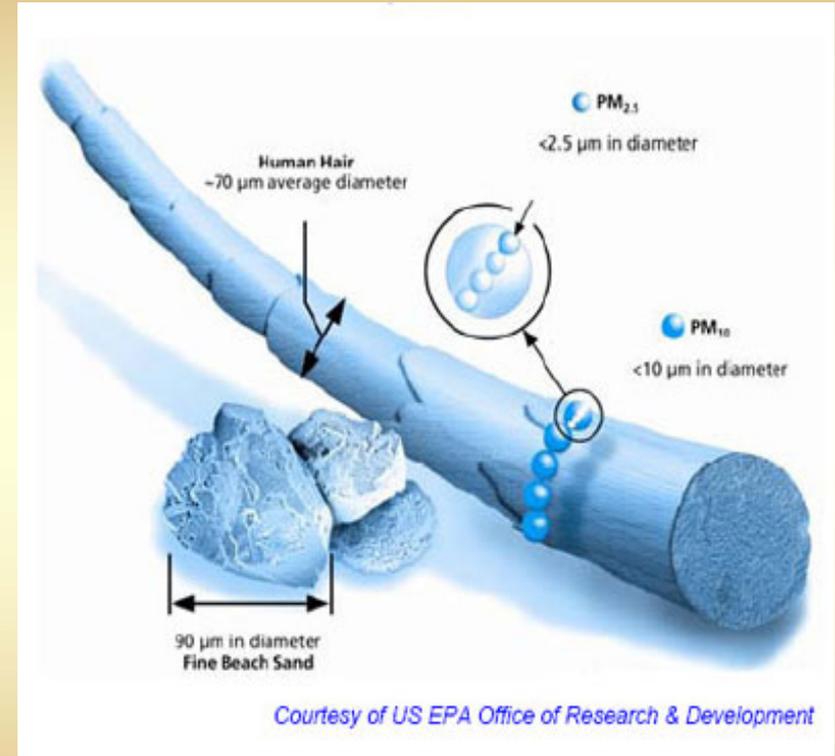
# Draft Bay Area Interagency Consultation Procedures for PM<sub>2.5</sub> Hot-Spot Analyses

**MTC Planning Committee**  
**March 12, 2010**



# Fine Particulate Matter (PM<sub>2.5</sub>)

- Particles smaller than 2.5 microns can be inhaled deeply into lungs and cause damage to our health
- Sources of PM include combustion activities (motor vehicles, power plants, wood burning, etc.)
- EPA designated Bay Area as nonattainment for national 24-hour PM<sub>2.5</sub> standard on December 14, 2009



# PM<sub>2.5</sub> Planning Requirements

- **RTP and TIP must demonstrate transportation conformity** (effective December 14, 2010)
- **PM<sub>2.5</sub> hot-spot analysis must be prepared for certain roadway and transit projects involving diesel vehicle traffic** (effective December 14, 2010)
- **State Implementation Plan must outline how region will attain and maintain the standard**  
(by December 2012)

# Purpose of Interagency Consultation

- **Determine if project is deemed a “project of air quality concern” pursuant to 40 CFR 93.123(b)(1)**
- **Evaluate the assumptions, methods and analysis of the PM<sub>2.5</sub> hot-spot analysis**

# Draft Bay Area Interagency Consultation Procedures

- **Interagency consultation is facilitated through MTC's Air Quality Conformity Task Force**
- **Sponsor submits project information, and Conformity Task Force determines if project is of air quality concern and therefore requires a PM<sub>2.5</sub> hot-spot analysis**
- **Sponsor submits PM<sub>2.5</sub> hot-spot analysis for review by Conformity Task Force**
- **After consultation, sponsor completes PM<sub>2.5</sub> hot-spot analysis and seeks approval from FHWA and FTA**