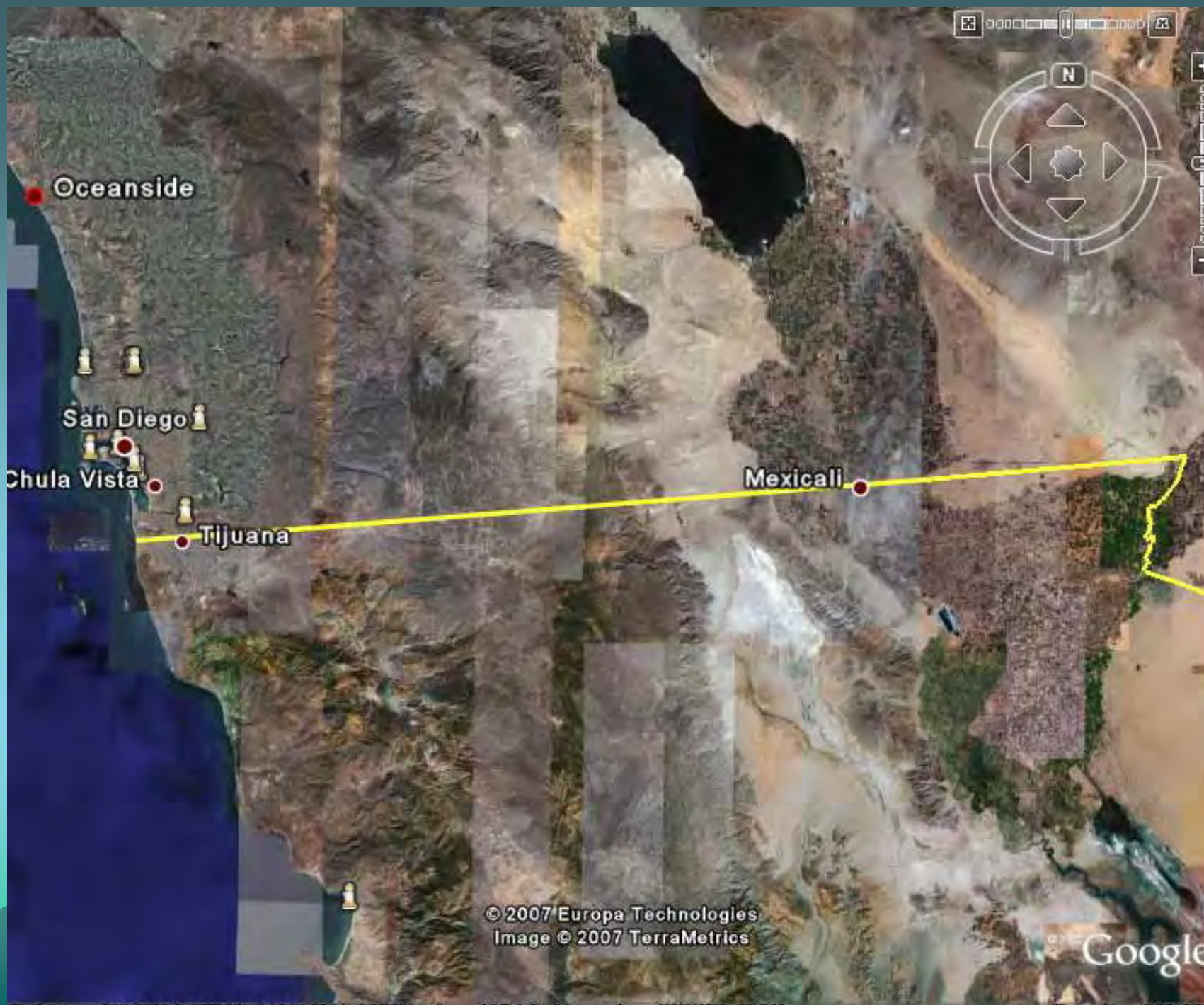




WEST COAST COLLABORATIVE

EPA Region 9
Border Diesel Initiatives
Dave Fege
March 28, 2007



Oceanside

San Diego

Chula Vista

Tijuana

Mexicali

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Public-private partnership to reduce diesel emissions

Border Diesel Strategy

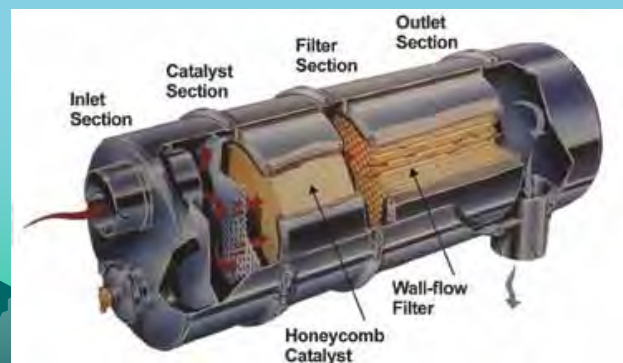
- Diesel retrofit demonstrations
- Alternative fuels demonstration
- Link to SmartWay Transport Partnership
Coordination with West Coast Collaborative
- Enhanced understanding of diesel emissions
and truck traffic



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Public-private partnership to reduce diesel emissions

Diesel Retrofit Demonstrations

- San Diego-Tijuana
 - Diesel Oxidation Catalysts
 - Diesel Particulate Filters
- Imperial-Mexicali
- Ambos Nogales
 - Gross Emitters
 - School Buses





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Public-private partnership to reduce diesel emissions

Alternative Fuels Demonstration

- Bio-diesel Demonstration Project in school and public safety vehicles in Nogales Arizona and Sonora, Mexico
 - Reduce PM and toxics emissions
 - Diminish frequency of overflow events at Nogales wash
 - Leave a structure for expanding bio-diesel production within Ambos Nogales





Link to SmartWay Transport Partnership

- Binational project to introduce SmartWay program in Mexico
- Demonstration project of SmartWay technologies in Tijuana





Link to West Coast Collaborative

- Link Region 9 border diesel efforts with West Coast Collaborative through:
 - Webpage
 - Trucking Sector Work Plan



Enhanced understanding of diesel emissions and truck traffic

- Remote sensing project of border crossing trucks in Nogales
- Characterization of Mexican trucks crossing in San Diego
- Goods movement study in border region