

San Diego/Tijuana Clean Diesel Demonstration Project



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San Diego/Tijuana Clean Diesel Demonstration Project

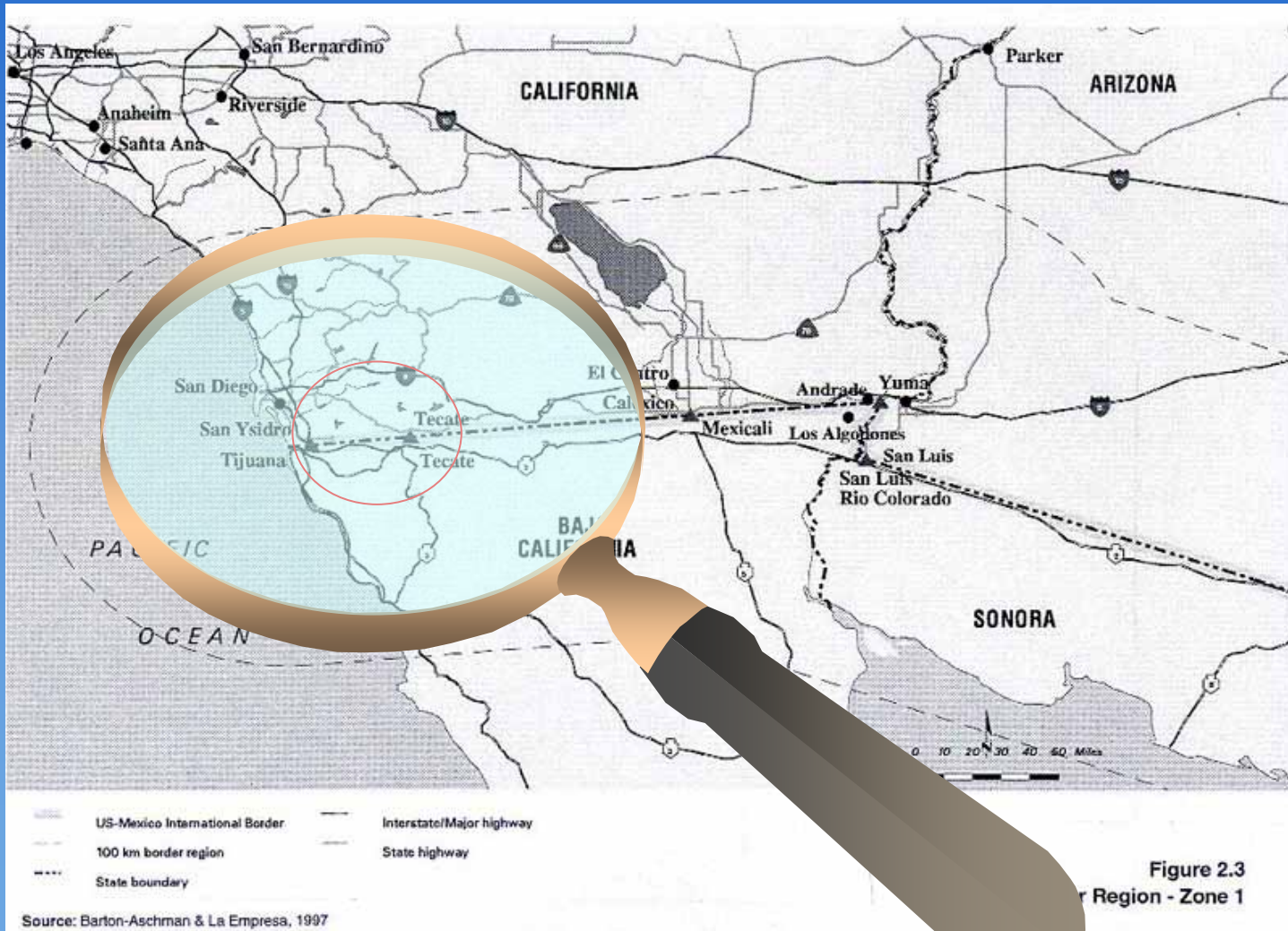
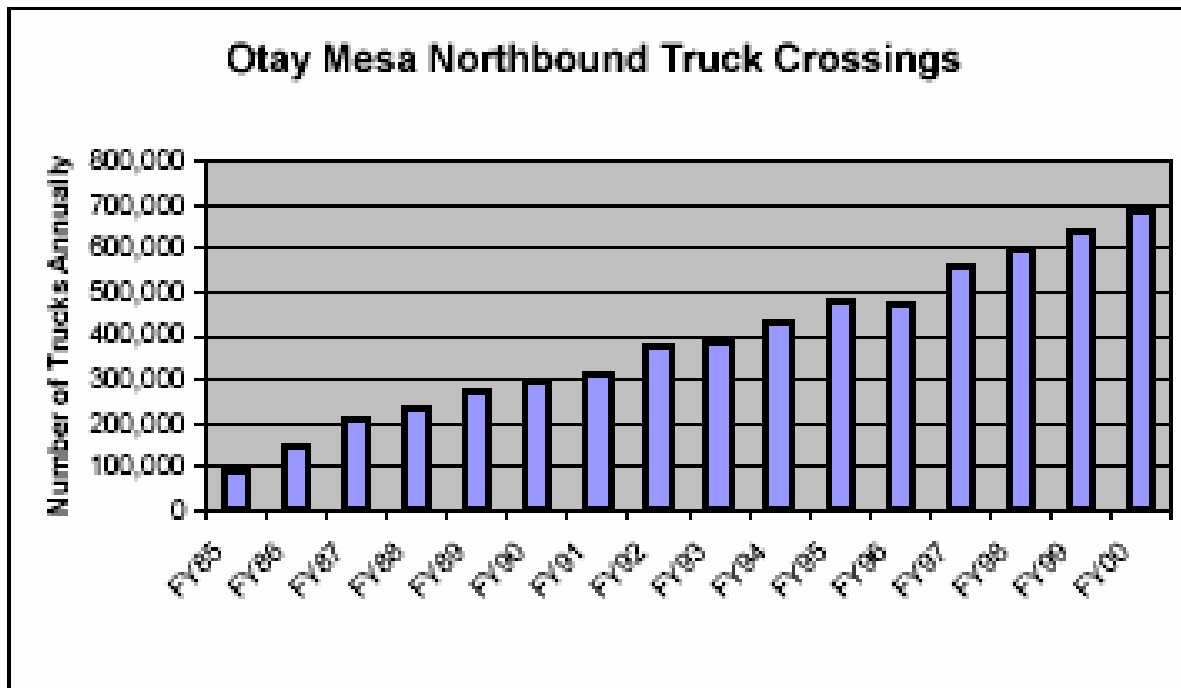


Figure 2.3
r Region - Zone 1

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GRAPH 2: INCREASE IN TRUCK CROSSINGS
AT THE OTAY MESA-MESA DE OTAY POE



Source: U.S. Customs Service Customs Management Center, San Diego, California.

95% of transborder trucks in the Tijuana/San Diego region are U.S. manufactured

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- Demonstration project for diesel emission reduction technologies on Mexican heavy-duty trucks
- At least 50 Mexican Heavy-Duty Diesel trucks will be retrofitted
- Funded by EPA
- Binational participation
- West Coast Collaborative



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- Diesel Oxidation Catalyst

- ✓ 25% PM reduction
- ✓ 40-50% reduction of HC and CO
- ✓ Muffler replacement
- ✓ No maintenance



- Spiracle® Crankcase Filtration

- ✓ 90% crankcase emissions reduction
- ✓ Improves in-cab air quality
- ✓ Reduces Oil consumption 2-6 gal.
- ✓ Filter replacement at every oil filter change



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1



2



First Diesel Oxidation Catalyst Installation

Primera Instalación de un Catalizador de Oxidación

3



4



5



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- Future second phase is being developed to demonstrate “clean freight” strategies.
- In partnership with



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THANK YOU

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