



Confronting Freight Challenges in Southern California

February 20, 2009

A decorative graphic at the bottom of the slide consists of a large, smooth, green wave shape that starts from the left edge, rises to a peak, and then tapers off towards the right edge. The wave is a solid, medium-green color.



San Pedro Bay Ports

- ✓ Nation's #1 and #2 U.S. container ports (5th largest complex worldwide)
- ✓ Trade gateway for 43% of US containerized imports (handles 40% of nation's containerized trade)
- ✓ L.A. alone sustains 919,000 jobs regionally (\$39 BILLION in wages and tax revenues)





Infrastructure & Development

Proposed Projects	ICF Funding (millions)	Total Cost (millions)
Gerald Desmond Bridge (TCIF)	\$525.6	\$1,125.2
SR-47 Expressway (TCIF)	\$173.8	\$687.0
I-110 Connectors- Phase 1 (TCIF)	\$21.1	\$80.0
S. Wilmington Grade Sep. (TCIF)	\$19.8	\$73.1
I-110 Connectors- Phase 2	\$24.0	\$24.0
Navy Way Interchange	\$43.0	\$43.0
Ports Rail Systems- Phases 1(TCIF) & 2	\$929.6	\$1,085.0
TOTAL (local)	\$1,736.9	\$3,117.3
Alameda Corridor East (TCIF)	TBD	\$4,000
Colton Crossing (TCIF)	TBD	\$300
TOTAL		\$7,417.3

Infrastructure [Crisis in] Development

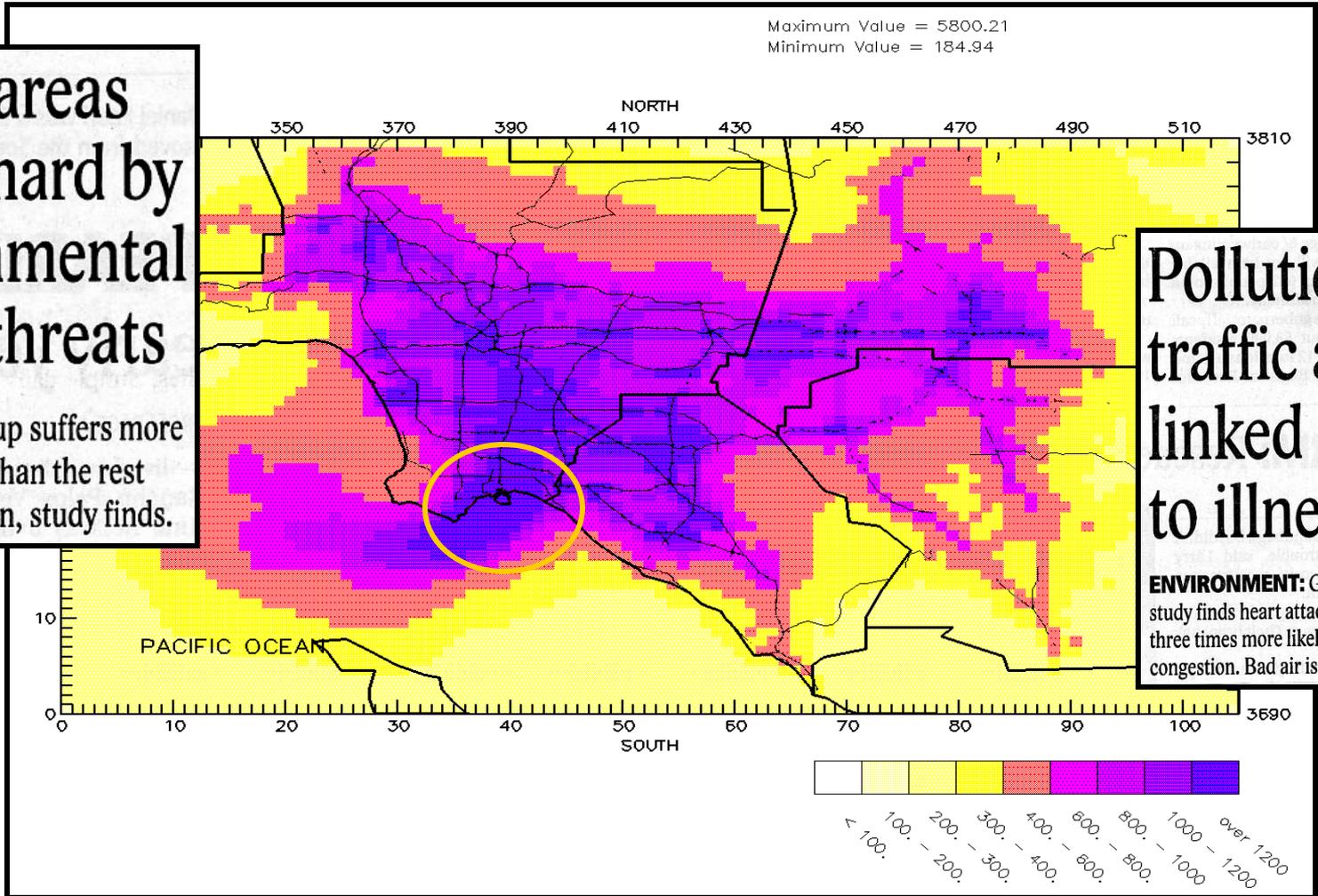


Challenge: Health Risks

Latino areas
are hit hard by
environmental
health threats

REPORT: Group suffers more from pollution than the rest of the population, study finds.

Maximum Value = 5800.21
Minimum Value = 184.94

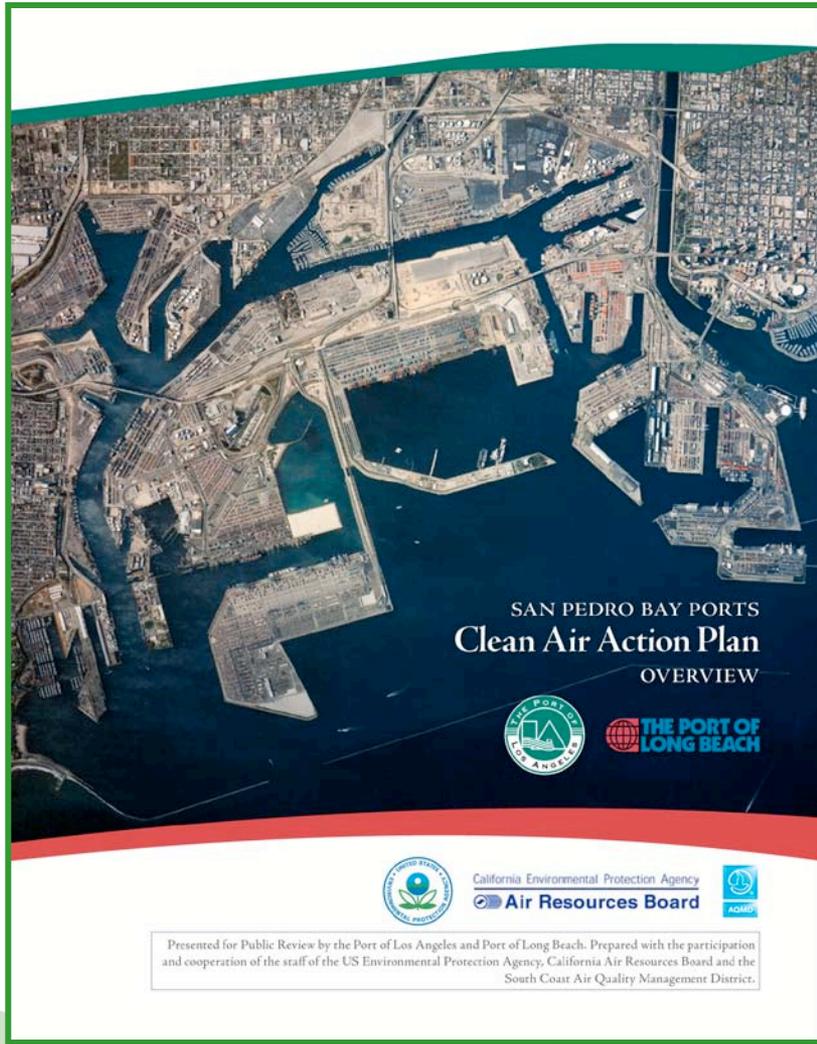


Pollution,
traffic are
linked
to illness

ENVIRONMENT: German study finds heart attacks are three times more likely in congestion. Bad air is blamed.



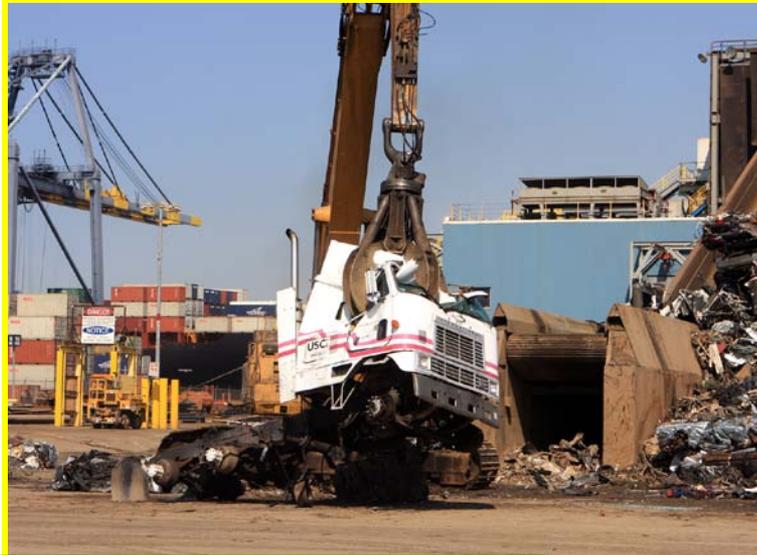
Solution: San Pedro Bay Ports Clean Air Action Plan



CAAP GOALS

- ✓ Reduce Port Pollution 47% to 52% in 5 years
- ✓ Set consistent project-specific & source-specific standards
- ✓ Minimize health risks to the community
- ✓ Enable “green growth” development

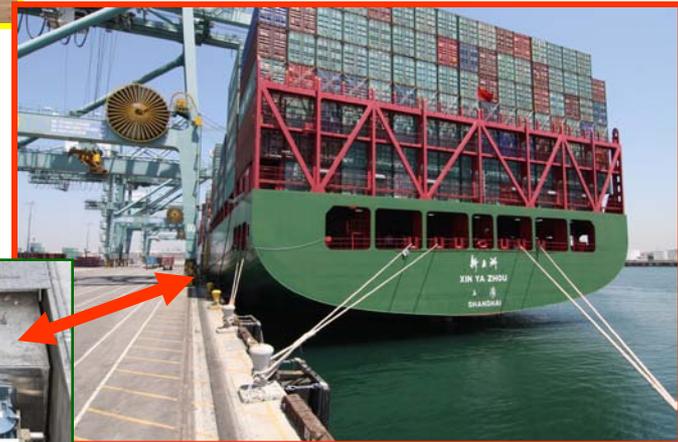
CAAP Initiatives



**World's Most Aggressive
Truck Modernization
Program**



**World's First Low Sulfur
Fuel Incentive Program**



**Alternative Maritime Power
-- Plugging Cargo Ships in
to Electric Power at Berths**



Technology Advancement Program

*World's Cleanest
Port Rail Fleet*



*World's First
"Hybrid" Tug
Boat*



*World's First All-Electric
Heavy Duty Drayage Truck*

Clean Trucks Program

- 16,000 big rigs to meet 2007 EPA standards
 - Diesel trucks = 25% of port air pollution
- Cut port-related truck emissions by 80% by 2012



Conclusions



- ✓ This is our parents' infrastructure...
- ✓ We should be building for our grandchildren!
- ✓ Surface Transportation Reauthorization equals Opportunity
- ✓ Create a dedicated, long-term strategy that will address freight needs



Thank You!

