



# **SCAQMD Role in Warehouse Development**

Presentation to SANBAG

November 6, 2013



# **SCAQMD Role as a CEQA Commenting Agency**

- SCAQMD reviews CEQA documents in its role as a commenting agency
- SCAQMD does not support or oppose projects
- SCAQMD does not have regulatory authority over land use decisions such as warehouse development



# SCAQMD Staff CEQA Activities

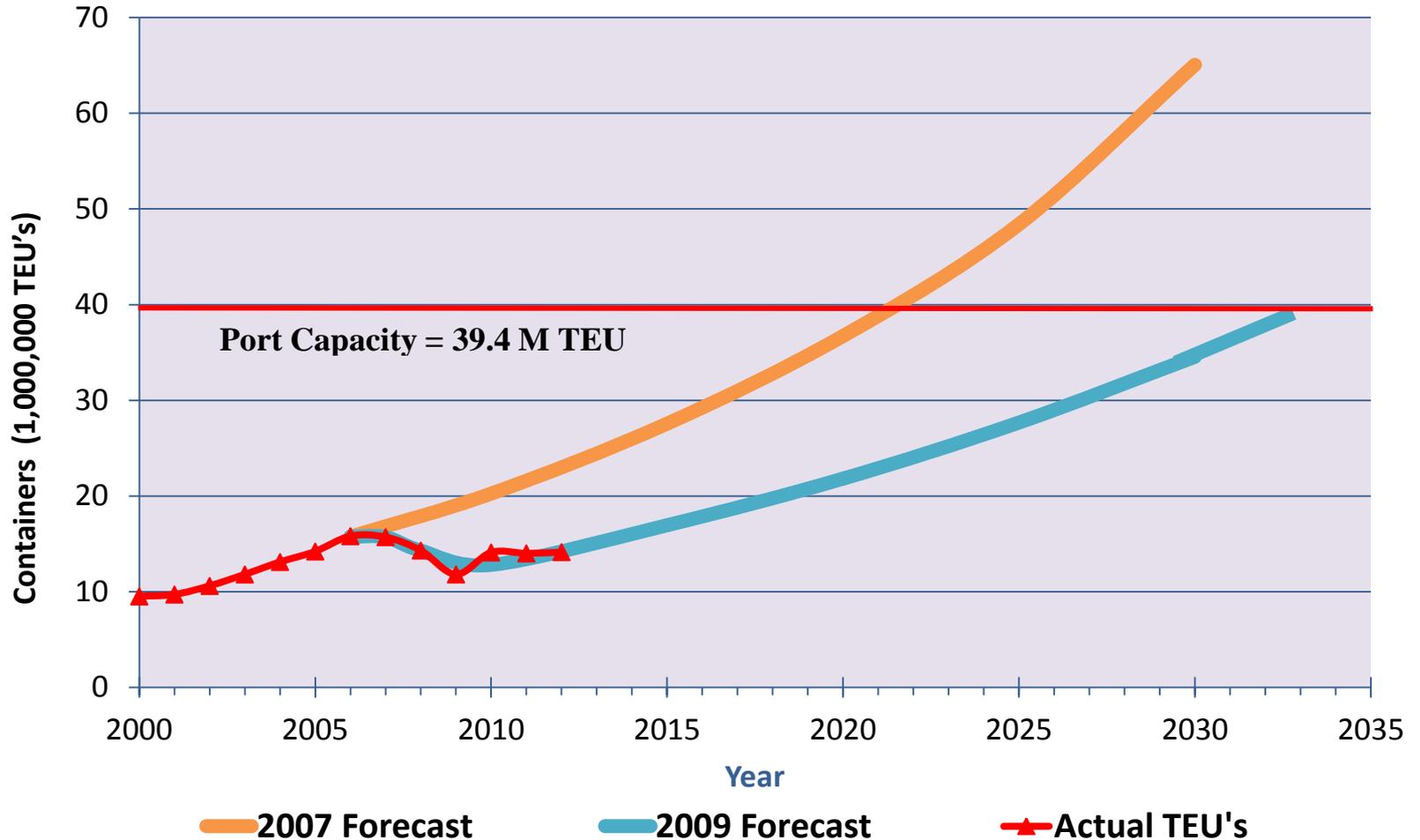
- Provide technical comments on air quality analysis – localized and regional
- Recommend mitigation measures for significant impacts
- SCAQMD posts letters on its website <http://www.aqmd.gov/ceqa/letters.html>
- Monthly activity report included in Governing Board package



# SCAQMD Staff CEQA Reviews (Annual Totals)

- About 1,200 CEQA documents reviewed
  - 95%+ documents reviewed
  - SCAQMD comments on about 220 documents
- About 25 CEQA documents on warehouses reviewed
  - About 4 NOP comment letters
  - About 10 EIR or Neg Dec comment letters
  - 1-3 Projects receive SCAQMD staff testimony

# Container Forecast for Ports



## Projected Goods Movement Growth

# Projected Warehousing Growth



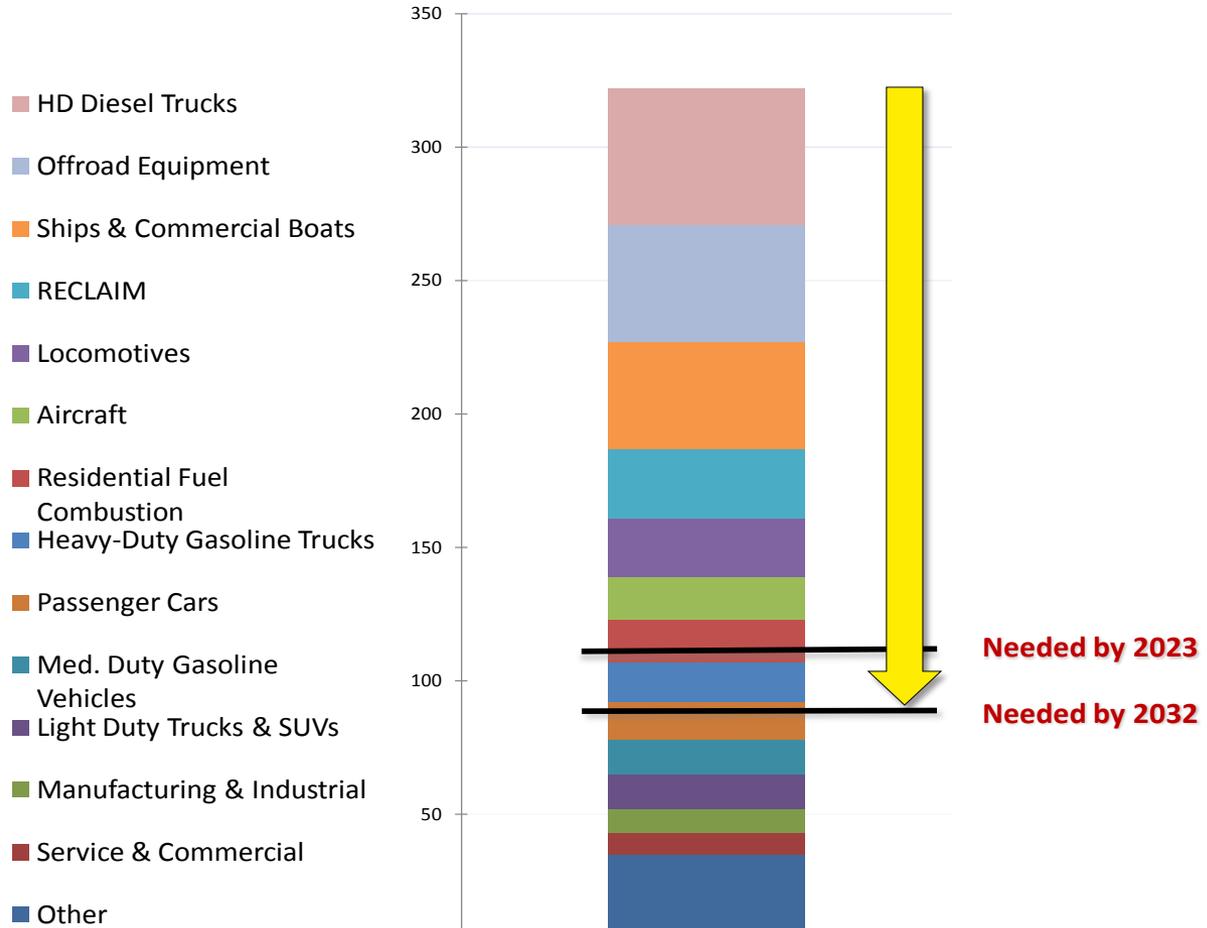
Year	Warehouse Space (Million sq. ft.)
2009	838
2035	1,250
New growth in next 25 years	412

*Undeveloped land zoned for warehousing*



## Nitrogen Oxides Emissions in 2023 with Adopted Standards

## Additional Needed Emission Reductions



\* Source: Ambient ozone modeling conducted by SCAQMD, 2012; final data

# Two-thirds to three-quarters reduction in NOx needed to attain ozone standards



# Air Quality Impacts from Warehousing

- Heavy-duty diesel trucks represent more than 90 percent of air quality impact
- Diesel trucks produce regional and localized air quality impacts
- Regional pollution – ozone and PM 2.5
- Localized pollution
  - Increased cancer risk from diesel particulate and NO<sub>2</sub>
  - Proximity to residential and sensitive receptors
- Although truck exhaust technologies are improving, air quality impacts can be significant

# Proximity Matters







# SCAQMD High Cube Warehouse Truck Study

- What is the purpose of the study?
  - Study results will be used to provide voluntary guidance to lead agencies for CEQA air quality analyses
- What are study methods?
  - Study is gathering operational and traffic data from existing warehouses within SCAQMD
  - Study being conducted by traffic engineers
- How are stakeholders involved?
  - Stakeholders Working Group: Developers, local government, environmental representatives, academics
  - 12 Working Group Meetings to date

# LETTER: We can have jobs, clean air



September 26, 2013; 02:39 AM | [Comments \(0\)](#)

Economist John Husing has mischaracterized the South Coast Air Quality Management District's (SCAQMD) position on warehouses and logistics centers ("Quit killing jobs in bid for more pristine air," Sept. 20).

## Related

[OPINION: Quit killing jobs in bid for more pristine air](#)

The agency supports the goals of job creation and a strong economy. SCAQMD staff has never opposed a logistics center in the Inland Empire.

Although air quality has dramatically improved in recent decades, it still is far from pristine. The Southland exceeded federal health standards for ground-level ozone on 111 days last year. The Inland Empire suffers from some of the worst ozone and particulate pollution in the nation, and low-income and minority residents have been exposed to some of the highest pollution levels.

SCAQMD has helped the logistics industry by providing hundreds of millions of dollars to modernize equipment from tug boats in the ports to cargo-handling equipment on the docks to big rigs on the road.

Inland Empire residents deserve a strong economy and clean air. They do not have to choose one at the expense of the other. With our focus on clean technology, SCAQMD is working toward both goals.

*Barry R. Wallerstein*

Barry R. Wallerstein, executive officer of the South Coast Air Quality Management District, op-ed that officials are pushing for pristine air by keeping out job-providing distribution centers. The Inland Empire can have both clean air and good jobs.