



# San Pedro Bay Ports Clean Air Action Plan

## **Clean Air Action Plan Update**

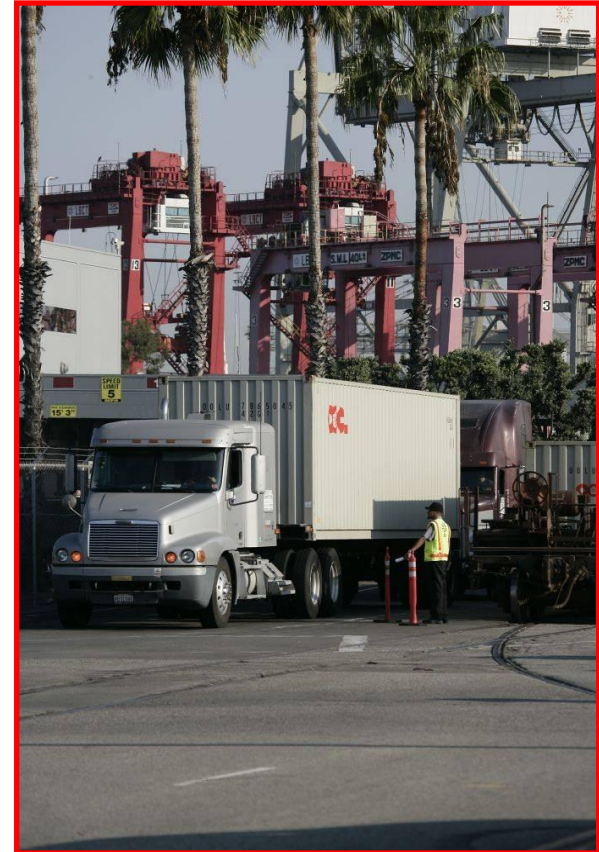
# Clean Trucks Program

- Launched October 1, 2008
- Pre-1989 trucks banned
- High compliance rates
- Trucks without the Temporary Access Permits (i.e., in the form of stickers, decals) will not be allowed access to Port shipping terminals



# Clean Trucks Program

- Electronic gate control begins November 10<sup>th</sup>
- Clean Truck Fee begins November 17<sup>th</sup>
- Next Progressive Ban Date: January 1, 2010



# Vessel Programs

- VSR compliance at 95% for POLB and 90% for POLA
- Vessel Main Engine Fuel Incentive Program
  - 165 enrolled vessels
  - 19 companies
  - 376 anticipated calls per quarter (~ 29% of calls)
- Cold-ironing
  - POLA: China Shipping, NYK, and Cruise Terminal
  - POLB: ITS and BP



# Technology Advancement Program

- Foss Hybrid Tug
- Johnson Matthey Selective Catalytic Regenerating Technology (SCRT®) Systems
- AMECS
- OceanAir Eco-Tug
- SoCalGas CNG Truck
- Hybrid & LNG Yard Tractors
- Hybrid Drayage Truck




# Air Quality Excellence Awards


- Luncheon held July 16, 2008
  - AP Moller-Maersk
  - Foss Maritime
  - Long Beach Container Terminal
  - Southern Counties Express
  - Yusen Terminals, Inc.



# Significant Updates to CAAP

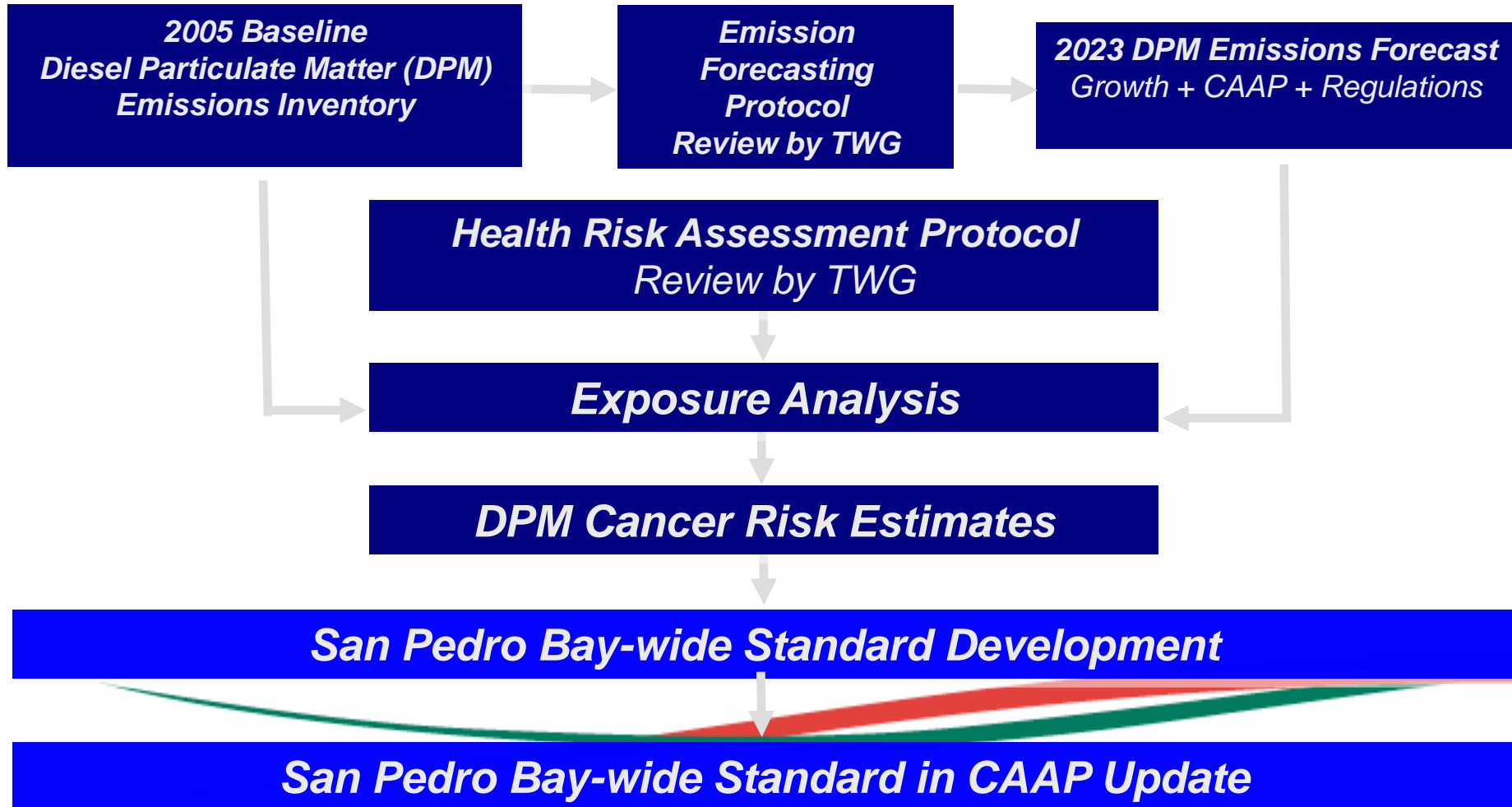
- Planning for next five years
  - Update on current programs:
    - HDV updates, Clean Truck Program and fuel infrastructure
    - OGV updates, including the Vessel Fuel Incentive Program
    - Technology Advancement Program
  - Updated emissions and budget projections
  - San Pedro Bay Standards
  - Greenhouse Gases
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# Greenhouse Gases

- Each port working with their cities
  - Coordinating with AB32, C40
  - Each port enrolled in the voluntary reporting programs: California Climate Action Registry and The Climate Registry
  - Developing comprehensive GHG Plans
    - Port facilities and tenant operations
    - GHG inventories
    - Renewable Energy
    - Energy Efficiency
    - Tree Planting
    - Carbon Re-Injection
    - Carbon Offsets
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# San Pedro Bay Standards

## CAAP Commitments



# CAAP Update Process/Schedule

