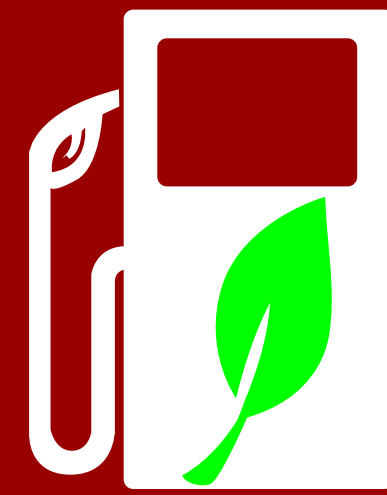
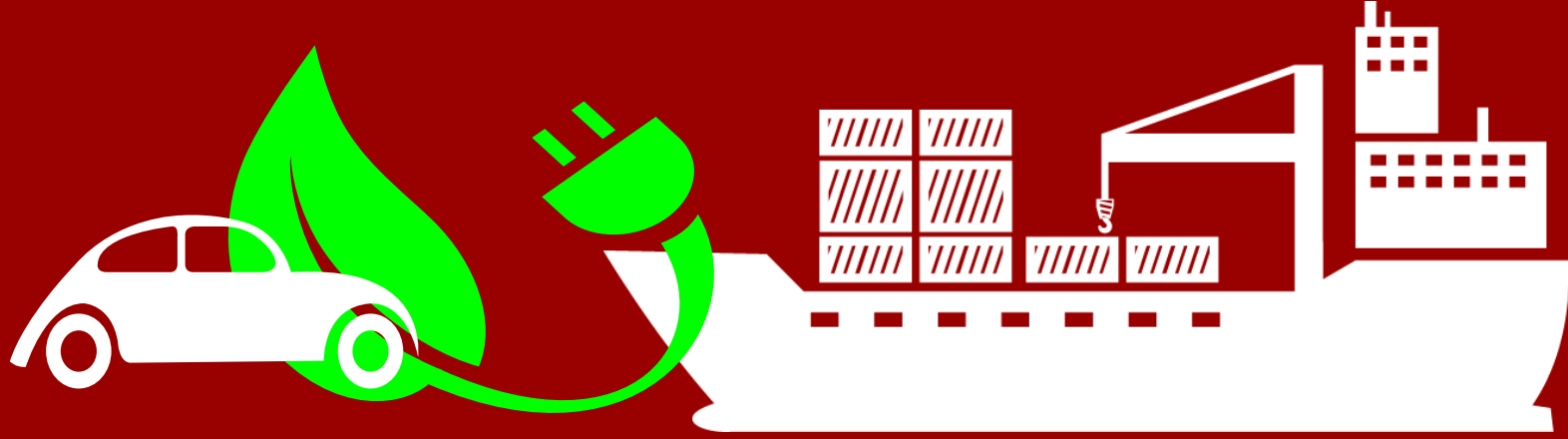


# Did Policy Changes Lead to Cleaner Air?

Researchers looked at regulatory policies and how they may have affected the air quality in the SoCal region.

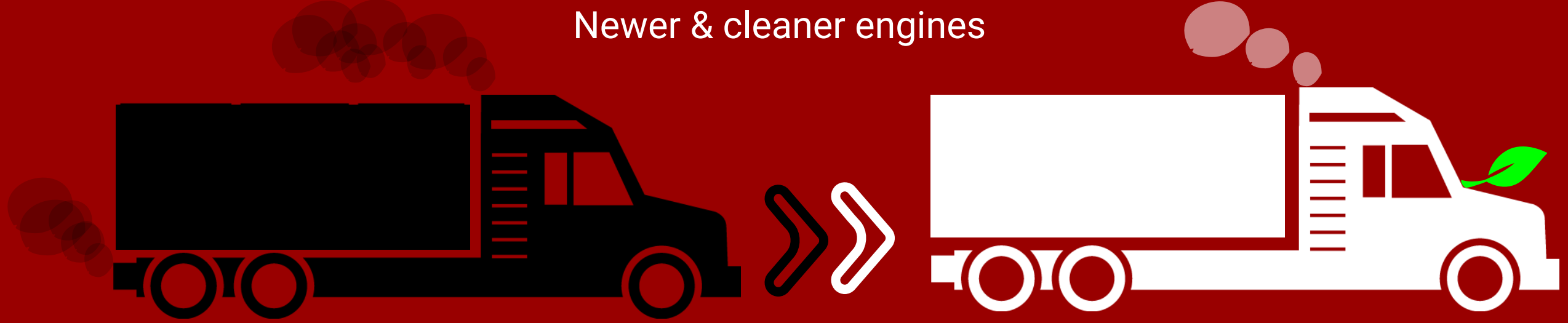
## POLICIES AND PROGRAMS WERE PUT INTO PLACE:

Electric vehicles, ship at-port electrification

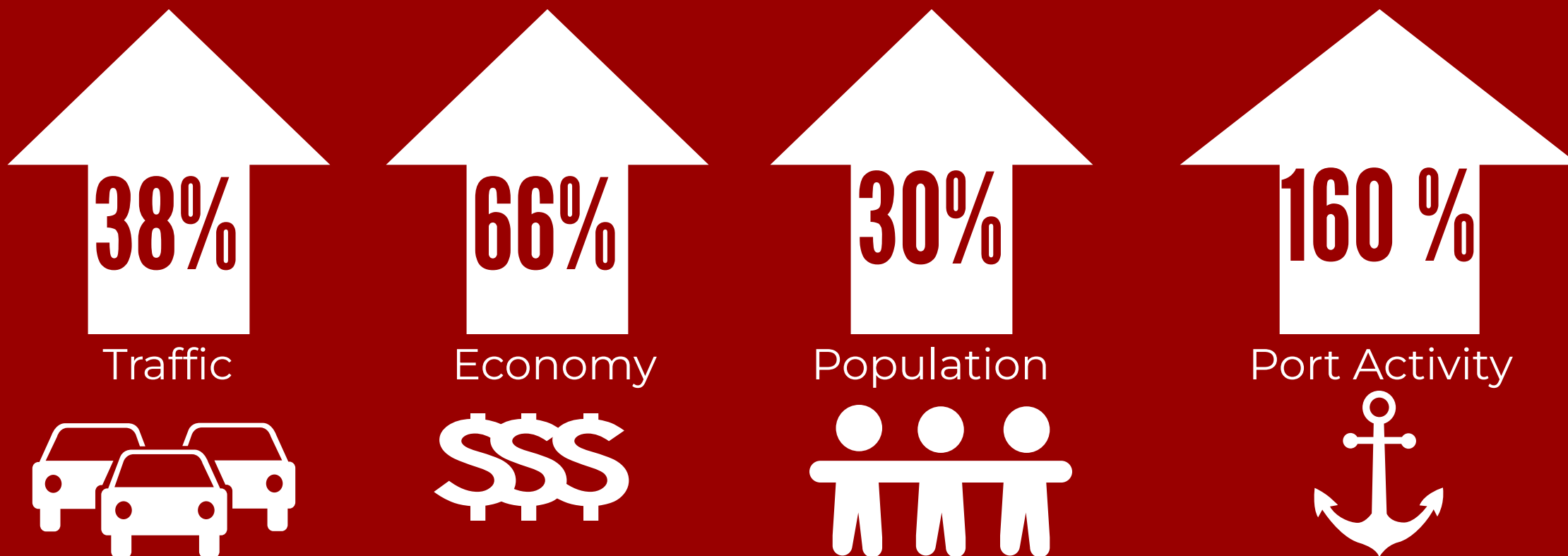


Cleaner fuel for trucks, ships & trains

Newer & cleaner engines



## DESPITE INCREASES ACROSS THE REGION (1994-2011)...



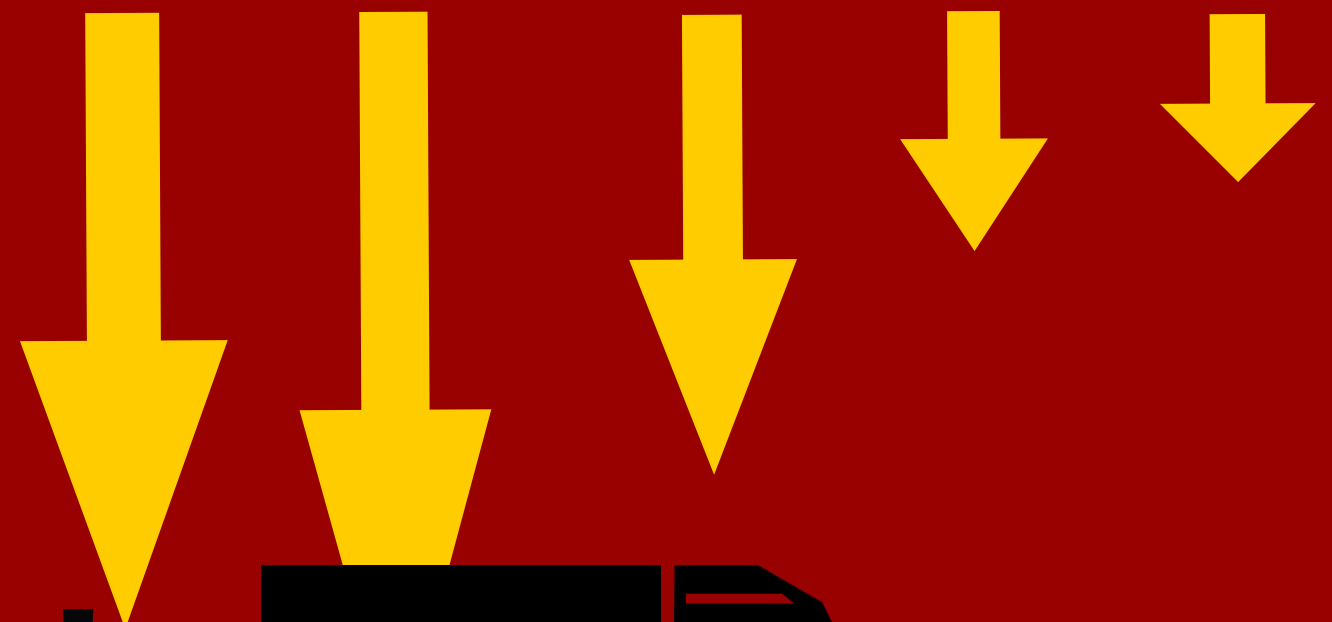
## POLLUTION WAS MEASURED & LEVELS DROPPED!

Monitoring data for the time period 1993 to the present was used to track air quality changes.

Particles: Coarse (PM10), Fine (PM2.5)

Gases: Nitrogen Dioxide (NO<sub>2</sub>), Ozone (O<sub>3</sub>), Sulfur Dioxide (SO<sub>x</sub>), Reactive Organic Gases (ROG), Oxides of Nitrogen (NO<sub>x</sub>)

NO<sub>x</sub> 54%    ROG 65%    SO<sub>x</sub> 40%    PM<sub>2.5</sub> 21%    PM<sub>10</sub> 15%



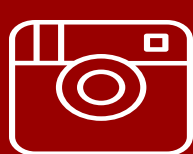
Lurmann, Avol & Gilliland. *J Air Waste Manag Assoc.* 2015 Mar;65(3):324-35.  
doi: 10.1080/10962247.2014.991856.

Infographic by Wendy Gutschow

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