



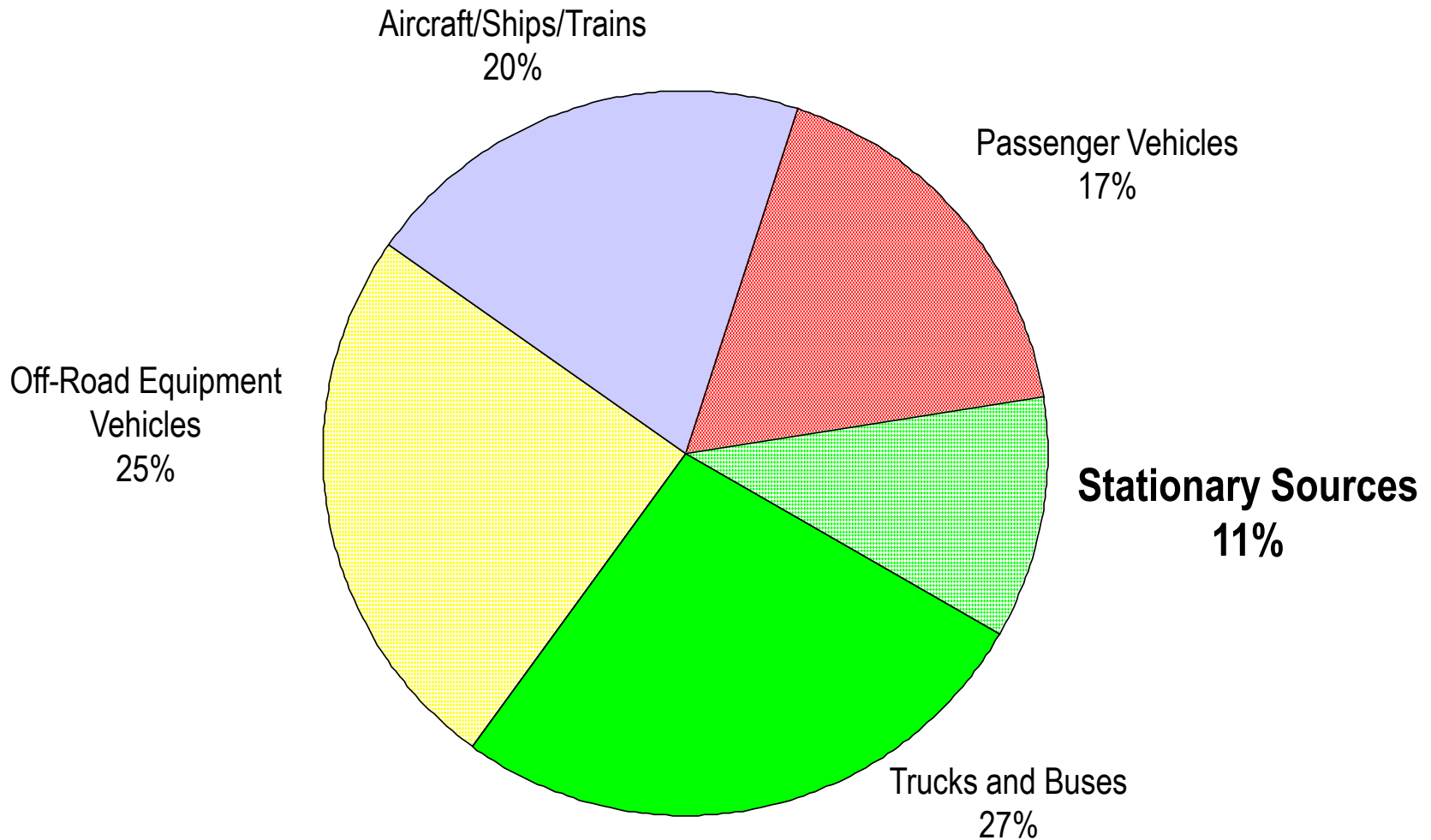
Session 3: Stationary



Al Baez, Senior Air Quality Engineer

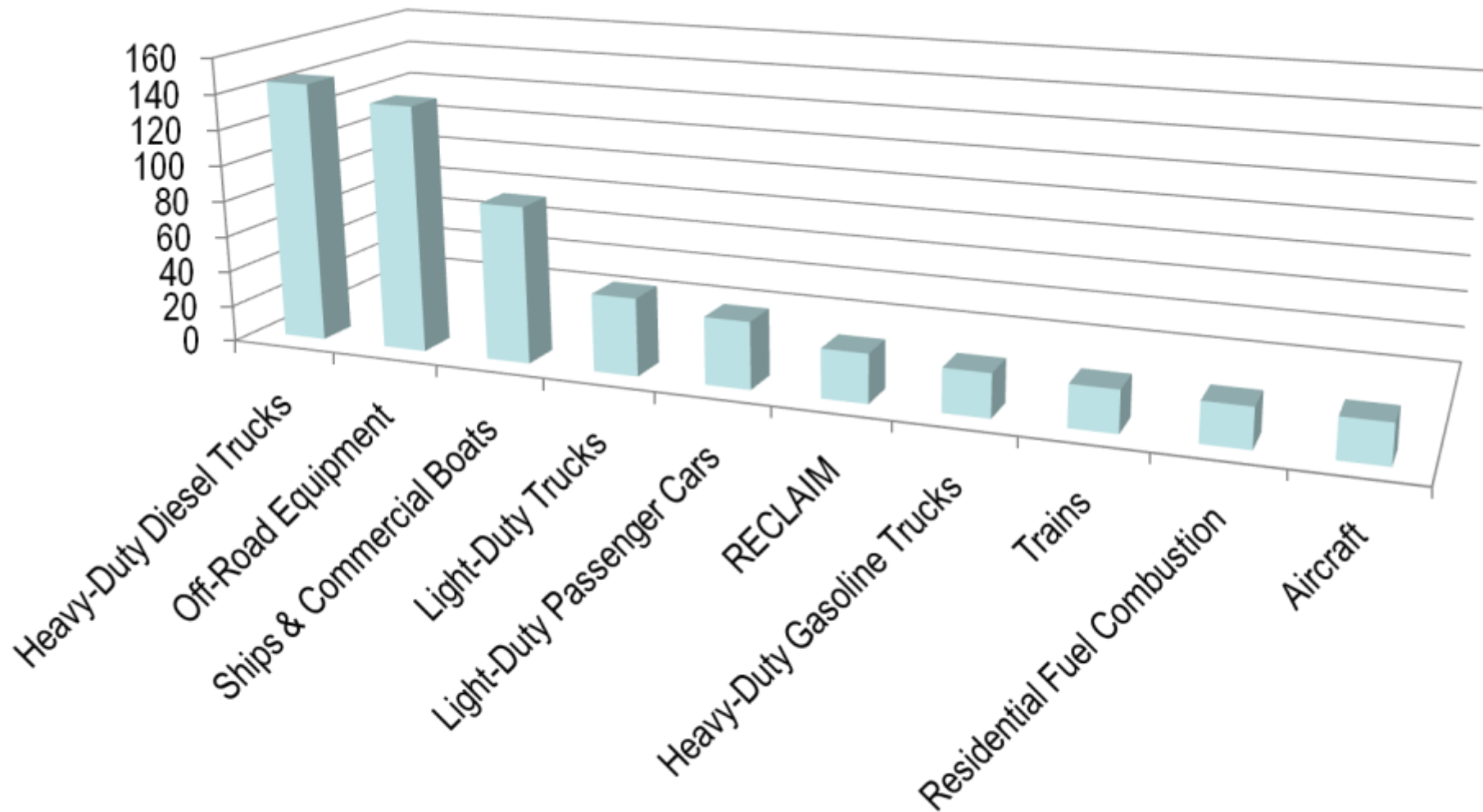
South Coast Air Quality Management District

Stationary Source Contribution to NO_x (2014)

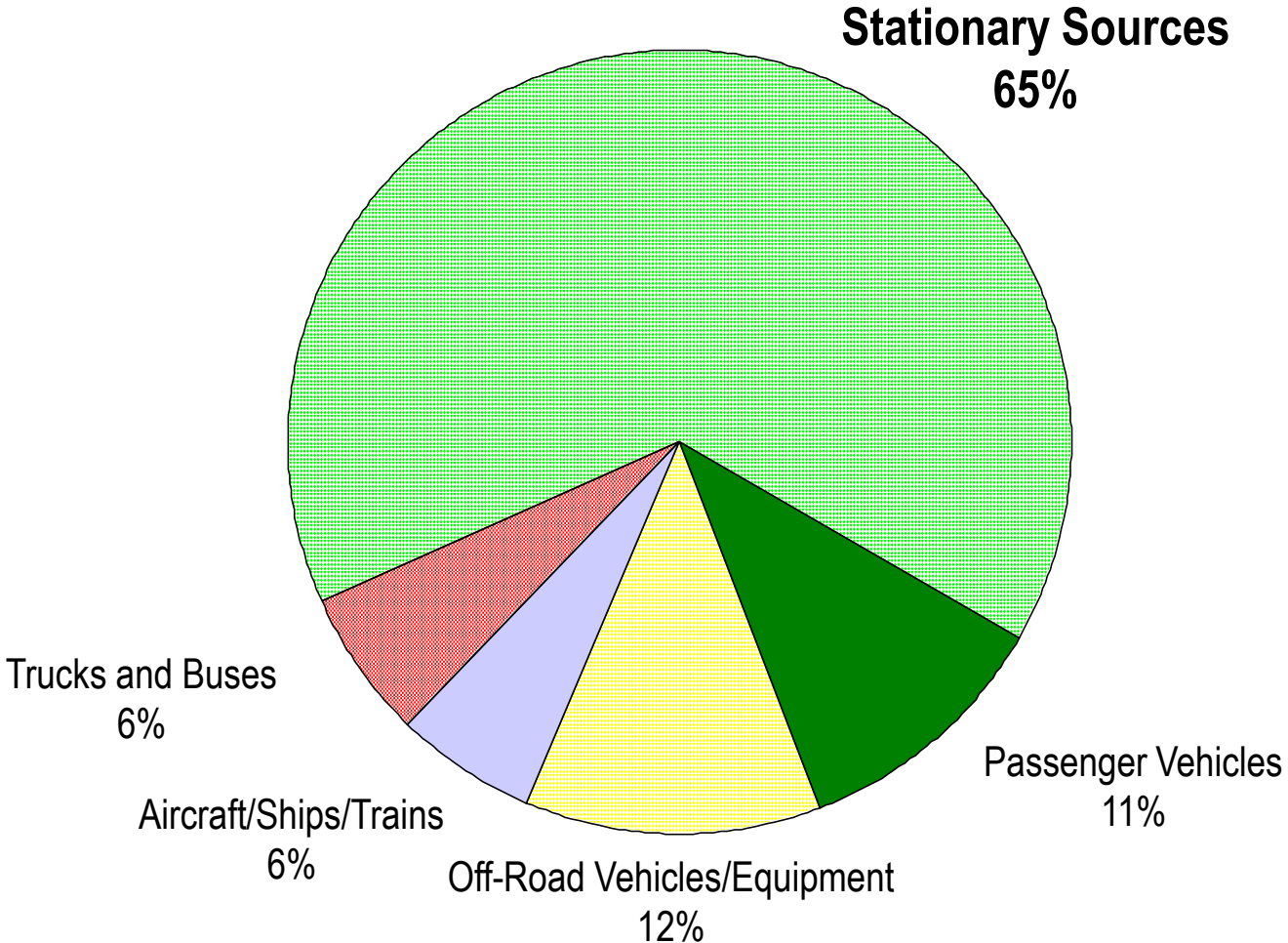


2014 NO_x = 650 tons/day

NOx Emissions (2014) Top 10 Categories (tpd)



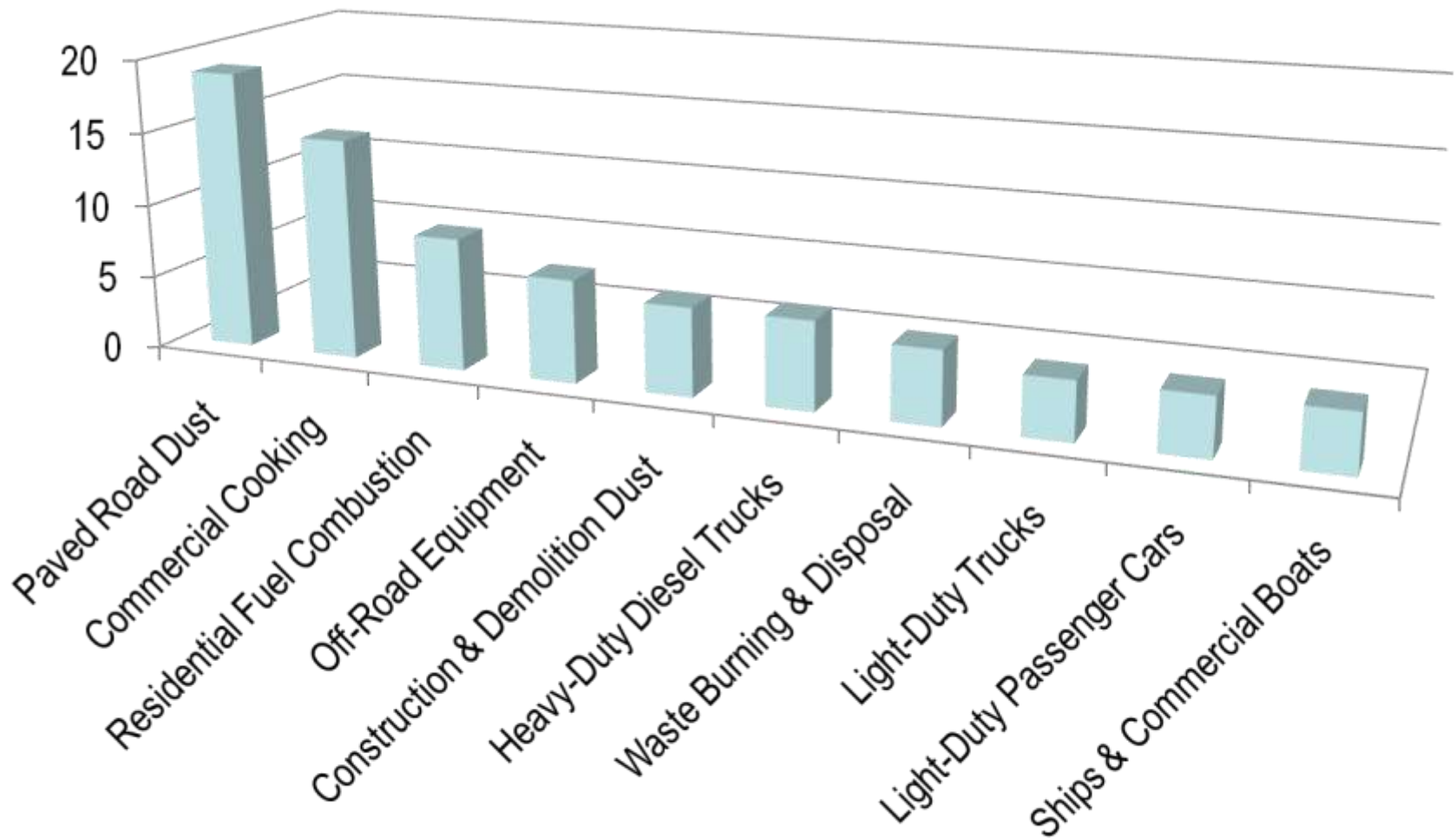
Stationary Source Contribution to PM2.5 (2014)



2014 PM2.5 = 100 tons/day

PM2.5 Emissions (2014)

Top 10 Categories (tpd)



On-going projects

- Administration of Best Available Control Technology (BACT) Guidelines
- Implementation
 - Rule 1110.2 – Emissions from Gaseous and Liquid-Fueled Engines
 - Rule 433 – Natural Gas Quality
- Microturbine program
- Other demonstration projects

Stationary Projects

- Al Baez
 - Gas turbine PM reduction technologies
 - Biogas engine emissions controls
 - Residential natural gas-fired furnaces
- Joe Impullitti
 - Biomass to Energy conversion
 - Digester gas Fuel Cell/H₂ charging station
- Patricia Kwon
 - School Air Filtration