



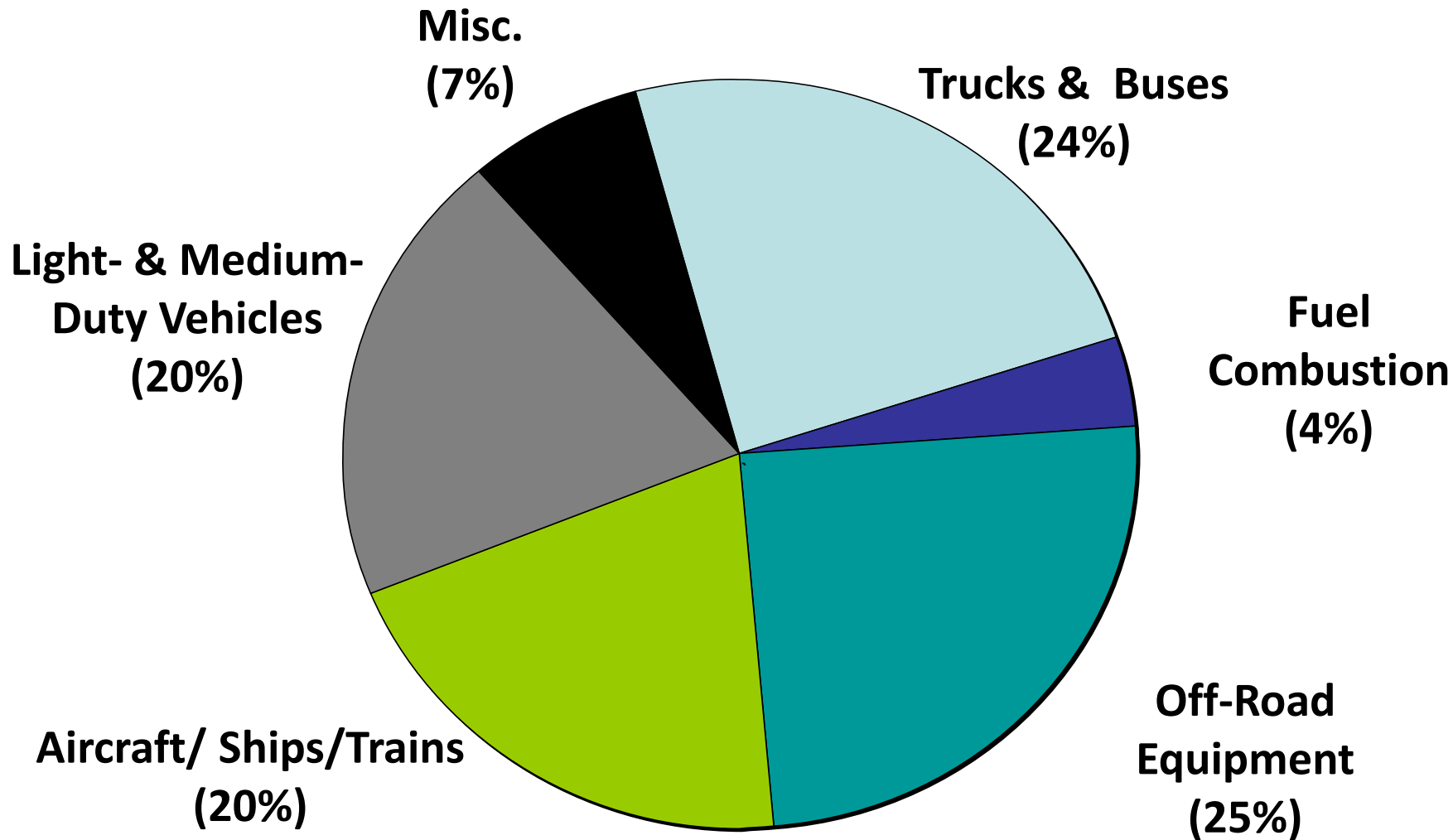
Session 2: Stationary and Infrastructure



Dipankar Sarkar

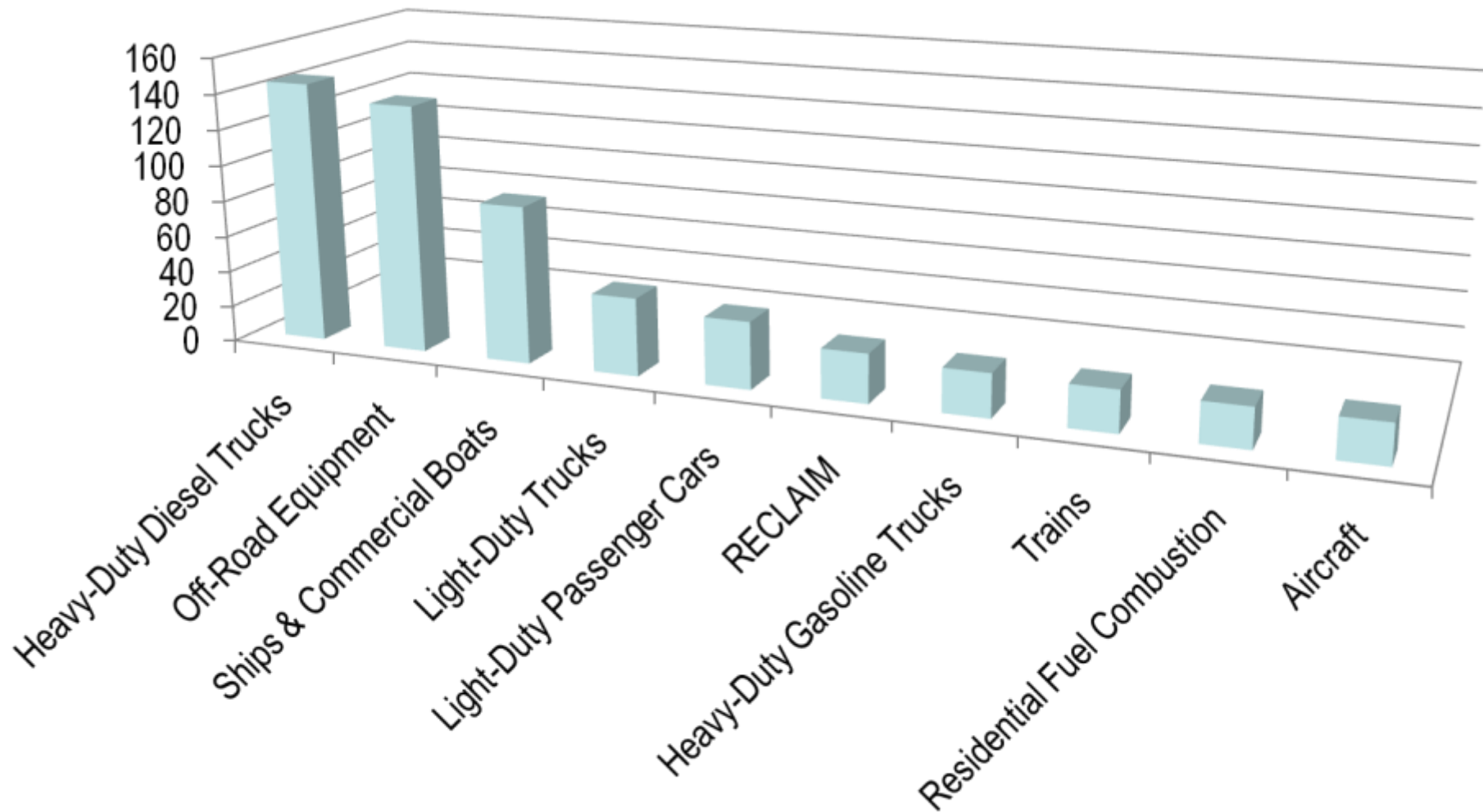
Technology Advancement Office

Estimated 2014 NOx Emissions

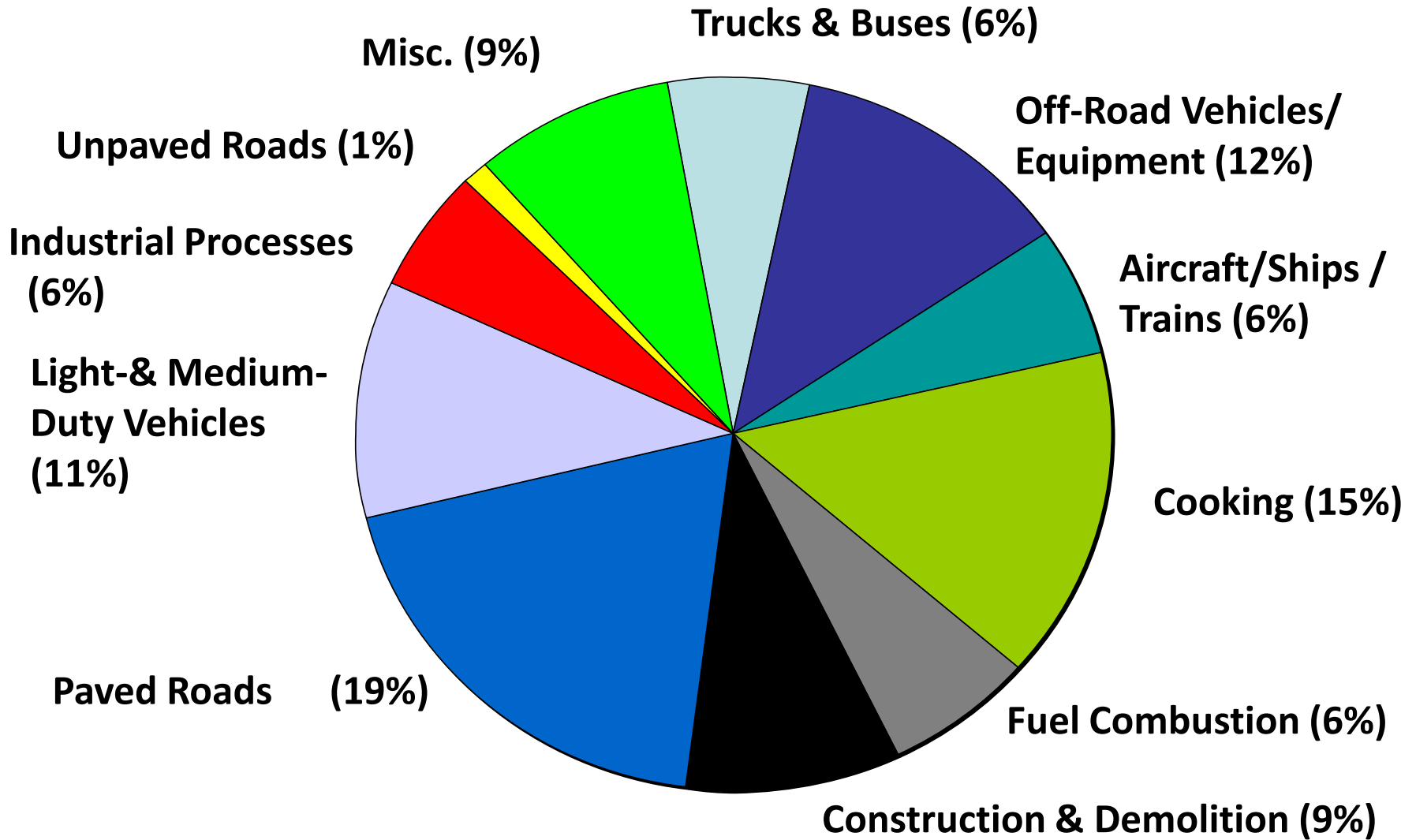


2014 NOx – 650 tpd

NOx Emissions (2014) Top 10 Categories (tpd)

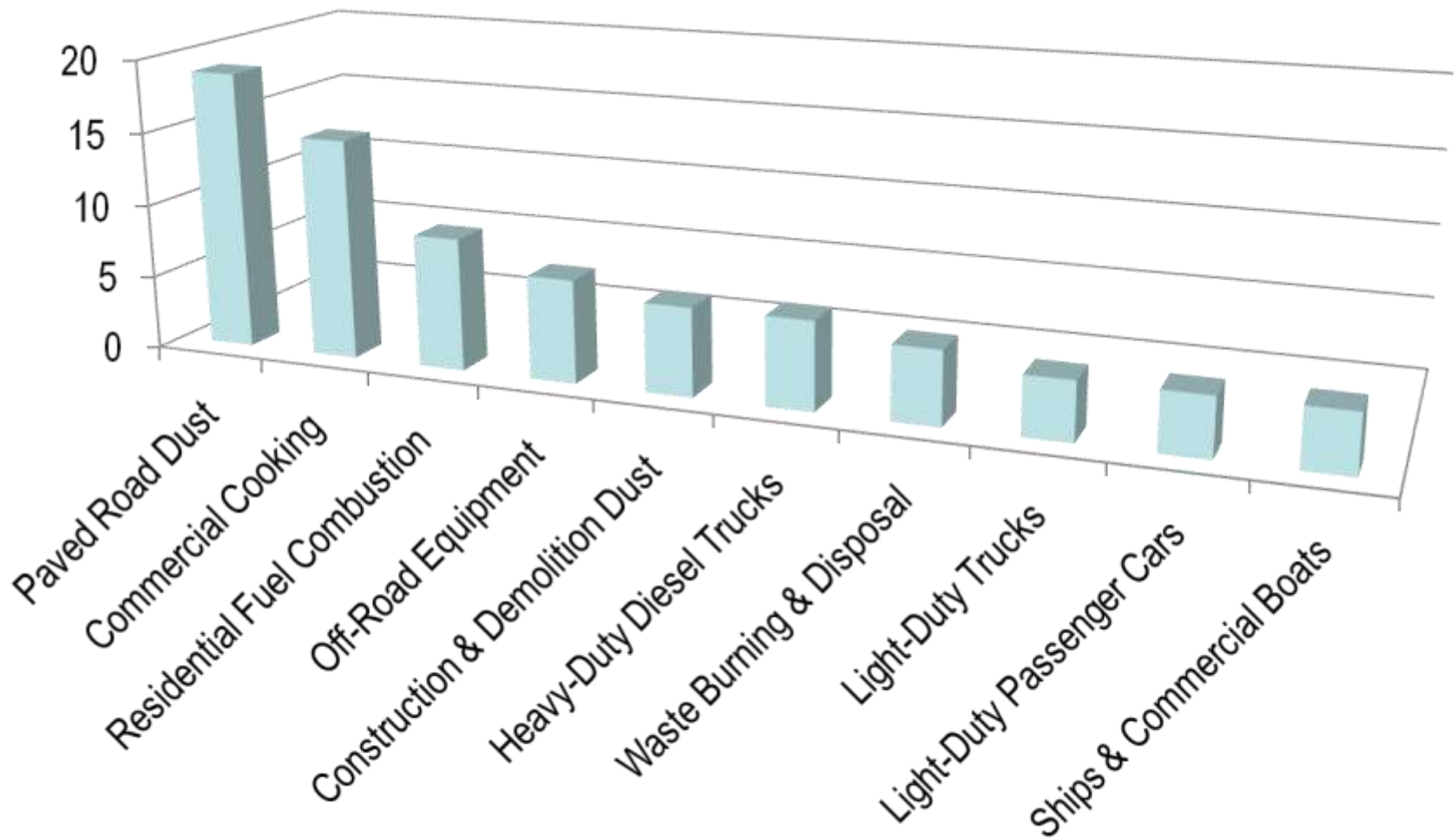


Estimated 2014 PM2.5 Emissions



2014 PM 2.5 – 100 tpd

PM2.5 Emissions (2014) Top 10 Categories (tpd)



On-Going Programs

- Administration of Best Available Control Technology (BACT) Guidelines
- In-Basin Renewable Distributed Electricity Generation to Support Transportation Technologies
- Implementation
 - Rule 1110.2 biogas engine emission control technology demonstrations
 - Rule 1111 – Demonstration of low NO_x central furnace technology
- Development and Testing of PM Control Equipment for Under-fired Charbroilers

On-Going Programs

- AQMD 400 kW Fuel Cell
- AQMD Hydrogen Station Upgrade
- OCSD Fountain Valley Tri-Generation Fuel Cell Project
- Natural Gas and Hydrogen Fueling Infrastructure
- EV Charging Infrastructure
- Identify Cellulosic Biofuel Feedstock

Stationary and Infrastructure Presentations

- Al Baez
 - Renewable Energy Generation to Support Electric Transportation
- Larry Watkins
 - Hydrogen Fueling Infrastructure
- Patricia Kwon
 - Electric Vehicle Readiness Programs