



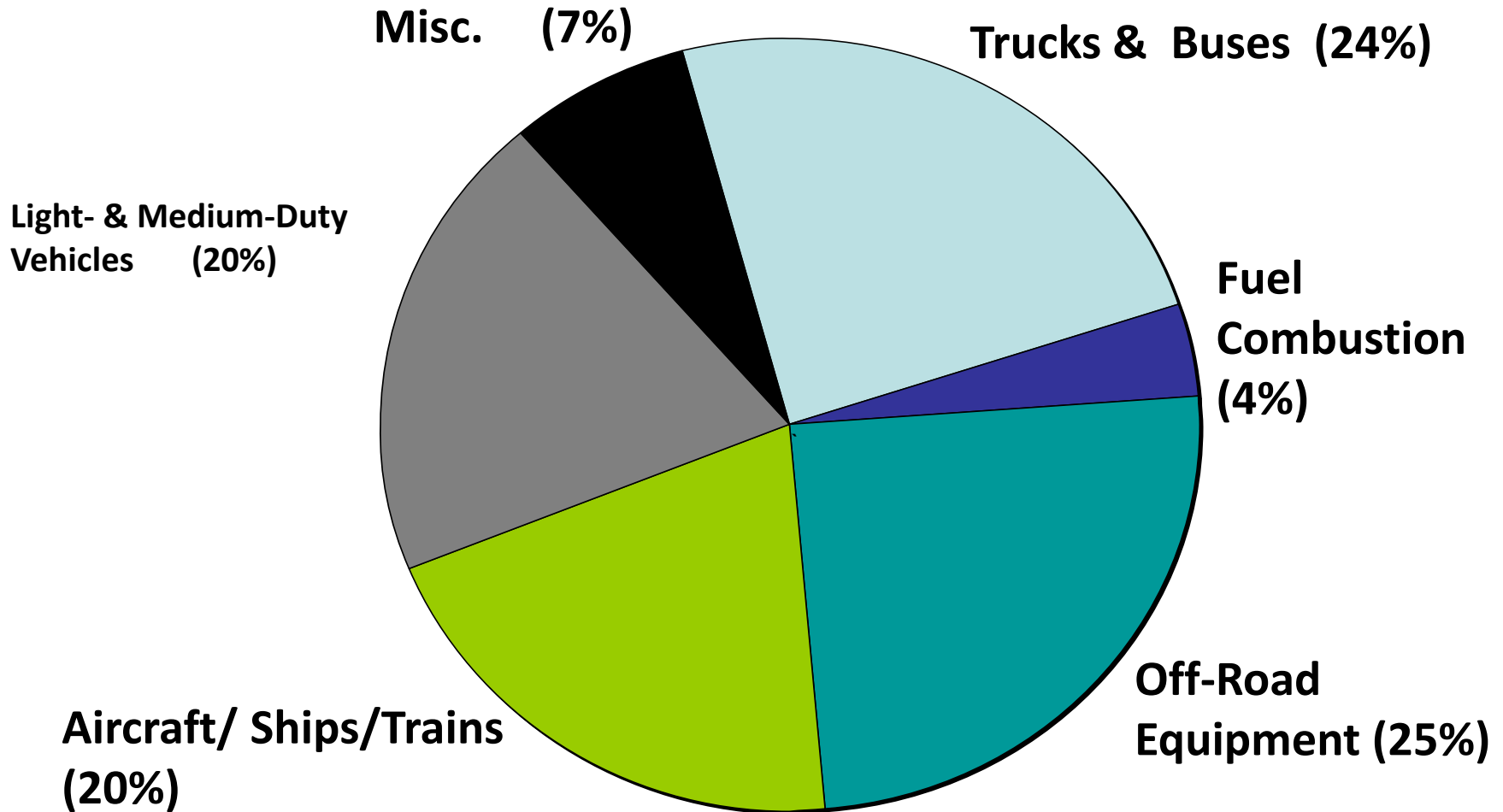
Session 2: Stationary and Infrastructure



Dipankar Sarkar

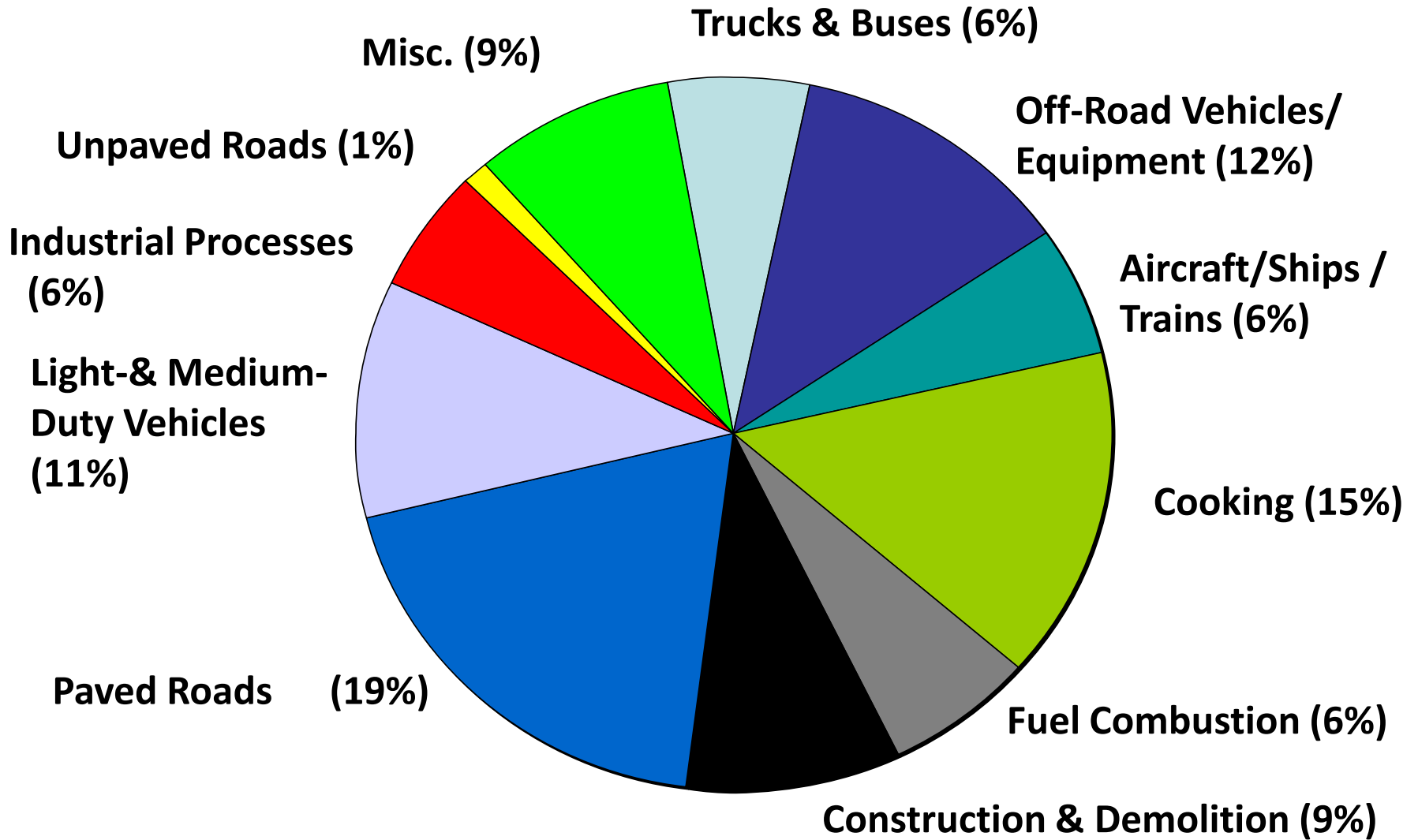
Technology Advancement Office

Estimated 2014 NO_x Emissions



2014 NO_x – 650 tpd

Estimated 2014 PM_{2.5} Emissions



2014 PM 2.5 – 100 tpd

On-Going Programs

- Administration of Best Available Control Technology (BACT) Guidelines
- Implementation
 - Rule 1110.2 biogas engine technology assessment study
 - Rule 433 – Natural Gas Quality
 - Rule 1111 – Demonstration of low NOx central furnace technology
- Microturbine program
- Development and Testing of PM Control Equipment for Under-fired Charbroilers
- Electrical Energy and Fuel Production from Biowaste and Renewable Sources

Stationary Projects

- Al Baez
 - Renewable Energy Generation for Transportation
- Larry Watkins
 - Hydrogen Fueling Infrastructure
- Brian Choe
 - Biowaste to Fuels Conversion