



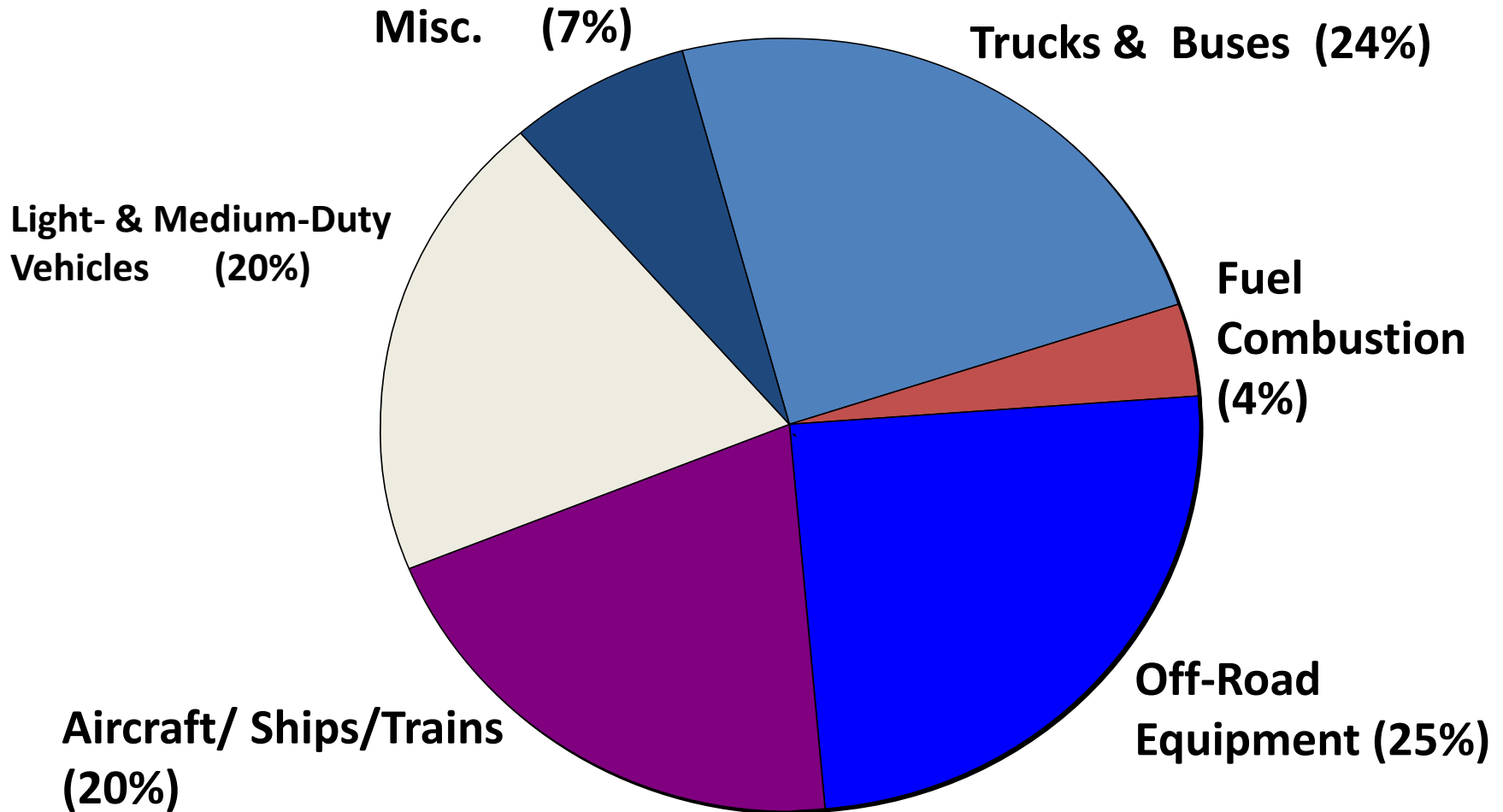
Session 1: Mobile Source



Dipankar Sarkar

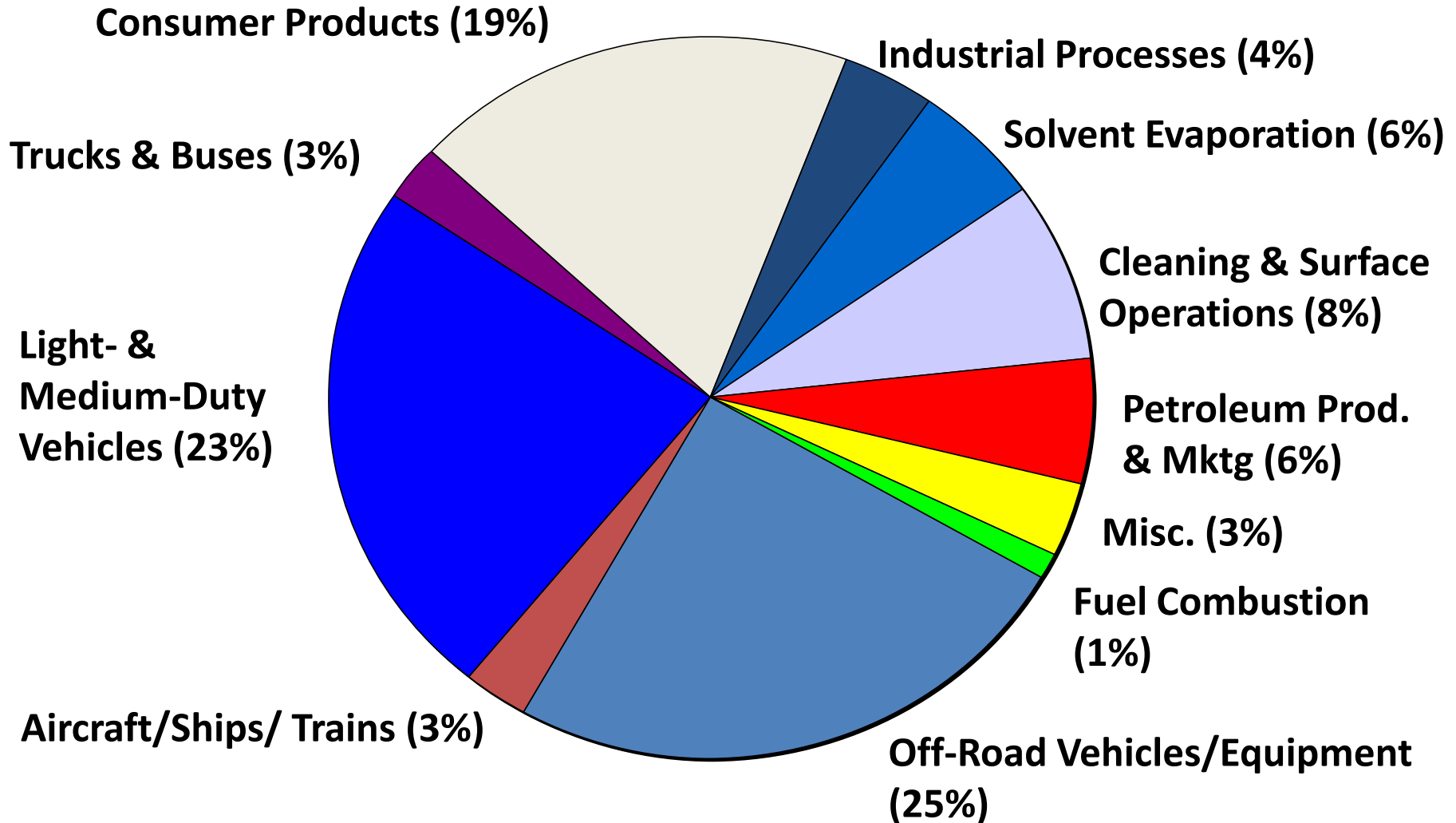
Technology Advancement Office

Major Contributors to NO_x (2014)



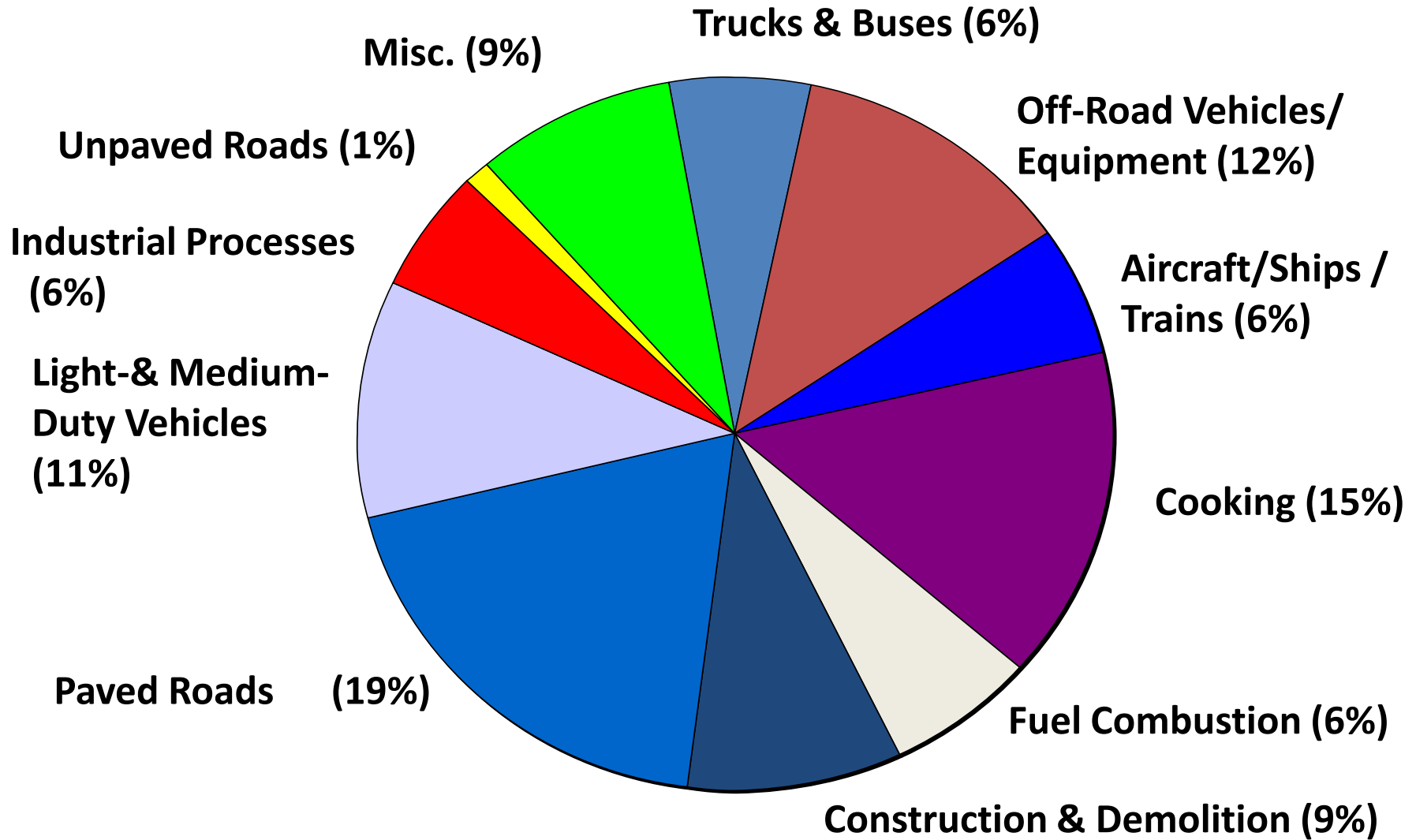
2014 NO_x – 650 tpd

Major Contributors to VOC (2014)



2014 VOC – 569 tpd

Major Contributors to PM 2.5 (2014)



2014 PM 2.5 – 100 tpd

Autos



- Battery-Electric Mini Es, Nissan Leaf
- Plug-In Hybrid Toyota Prius
- Fuel Cell (Honda Clarity)
- Ford Escape Converted PHEVs
- Neighborhood Electric Vehicles



Trucks



- Transpower Battery Electric Class 8 Truck
- EVI/UPS Trucks
- Plug-In Electric Utility Trucks and Buses
- Balqon Heavy-Duty Battery Electric Yard Truck



Transit Buses



- Battery-electric with quick charge (Foothill Transit: Protera)
- Hydrogen fuel cell (Sunline Transit: Van Hool, UTC Fuel Cell)

Presenters

- Joe Impullitti
 - Goods Movement truck projects
- Jeff Cox
 - PHEV Truck and Bus project
- Adewale Oshinuga
 - In-Use Emissions Testing
- Patricia Kwon
 - Electric Vehicle Readiness Programs