

We Are **WSP**

WSP USA is the U.S. operating company of WSP, one of the world's leading engineering and professional services firms. Dedicated to serving local communities, we are engineers, planners, technical experts, strategic advisors and construction management professionals. WSP designs enduring solutions in the buildings, transportation, energy, water and environment markets. With more than 54,000 employees worldwide and 12,000+ employees in 200 offices across the U.S., we partner with our clients to help communities prosper.



Jannet Walker-Ford

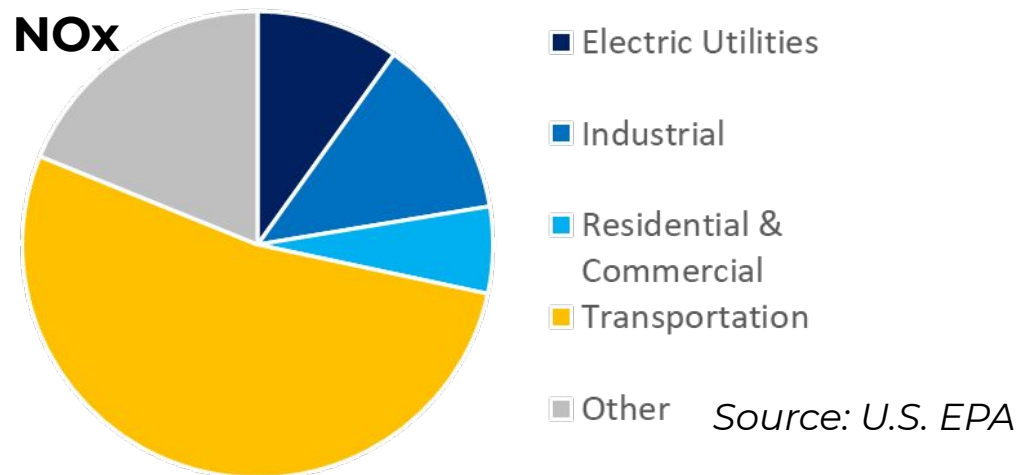
Senior Vice President

National Transit and Rail Business Line Leader

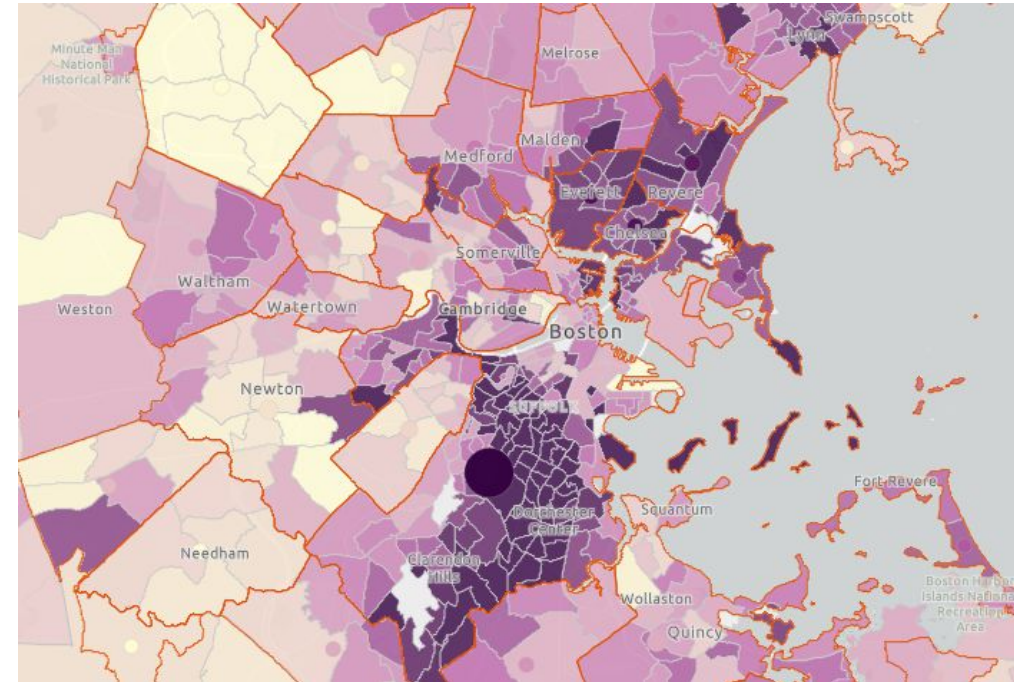


Root Problem: *Inequitable Pollution*

- About 60% NO_x and PM emissions in urban areas are from Medium and Heavy-Duty Vehicles (MHDV)
- Each year MHDVs are responsible for 4,550 premature death, 4,290 hospital visits, and 2.7 million cases of illness and lost workdays
- Disadvantaged communities are disproportionately impacted due to proximity to transportation infrastructure



Boston Asthma Rates



Source: CDC 500 Cities Project

Key Obstacle:

Prioritize infrastructure investments to rapidly reduce Medium/Heavy Duty Vehicle Pollution

- Prepare utility infrastructure
- MDHV corridors and logistics hubs
- Future ready: Plan for flexibility in an era of rapid technological change



Benefits:

- Improved health outcomes
- Lower asthma rates
- Improved Covid response
- Cognitive improvements
- Lower crime rates
- Rising property values
- Reduce longstanding disparities

Risks of inaction:

- Continuing inequity
- Opportunity cost
- Quality of life
- Tragedy



Regarding mobility and transportation, to achieve Greater Boston's 2050 carbon and equity goals, a critical obstacle to overcome is to **prioritize infrastructure investments to eliminate MHDV pollution emissions by 2030.**



Daimler open first-of-its-kind heavy-duty electric truck charging site. Credit: Daimler

