LIGHTS Project

Keith Brandis
• Low Impact Green Heavy Transport Solutions

• Public-Private Partnership Totaling $90 MUSD
  – California Air Resources Board (CARB) awarded bid of $45M to South Coast Air Quality Management District for Volvo LIGHTS project
  – Supported with Cap-and-Trade funds

• Project Objectives: Advance the use of end-to-end near-zero emission vehicles & equipment to minimize emissions from freight movement
  – Reduce greenhouse gas emissions
  – Improve air quality
  – Provide more sustainable freight movement
  – Exhibit a holistic approach to support the commercial introduction of near-zero emission heavy-duty trucks
Demonstrating innovations critical to the commercial success of battery electric trucks and equipment for goods movement

LIGHTSproject.com

Advanced Vehicle Technologies

Charging Infrastructure

Sales & Service Network
Volvo LIGHTS is part of California Climate Investments, a statewide initiative that puts billions of Cap-and-Trade dollars to work reducing greenhouse gas emissions, strengthening the economy and improving public health and the environment—particularly in disadvantaged communities. [www.caclimateinvestments.ca.gov](http://www.caclimateinvestments.ca.gov)
Heavy Duty Truck Electrification in Virginia

- Volvo Trucks begins BEV production at the New River Valley Plant by end of 2020
  - Commercial roll-out to be announced later
- Focus first on high population, dense traffic areas with short-haul trucks
  - Private charging infrastructure is costly and time consuming
  - Public charging must overcome regulations
  - States and municipalities need to support with incentives for early adoption
  - Electrical grid may need upgrades
Thank you