



NYSERDA Innovation Perspective

“Corporations and cities have traditionally driven innovation in the transportation sector, but independently of each other. We’re at an exciting junction today, as greater collaboration by all market players is allowing us to think holistically about system level optimization for transportation.”

— Adam Ruder, Assistant Director, Clean Transportation
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Accelerating New Developments in Electric Vehicles, Transit, and Clean Mobility

Systemically Shifting Toward Cleaner Transportation Options

Investment Thesis

The transportation sector generates approximately one-third of fossil fuel-based greenhouse gas emissions in New York State. The State’s climate goals are attainable by significantly shifting the transportation options we choose. NYSERDA is investing to drive the following changes: the exponential adoption of electric vehicles, extended reach and greater efficiency in the public transit system, and improved system performance through mobility management.

NYSERDA Experience

The Clean Transportation Program handles research and development (R&D) and market development, taking products from prototype to commercialization and wider use. Examples of past success include hybrid transit buses and an adaptive traffic signal system.

NYSERDA has a long history of working with the Metropolitan Transportation Authority, New York Power Authority, New York State Department of Transportation and New York City Department of Transportation on various transportation initiatives.

Areas of Interest

Electric Vehicles: Reduce market barriers to adoption and develop products, policies, and business models to support the EV market.

Public Transit and Clean Mobility: Improve the energy efficiency and reach of the public transit system and reduce transportation emissions through low-carbon transportation options like shared mobility, biking and walking, and smart transportation systems.

When you innovate in New York, you get the world.

nyserda.ny.gov/innovation



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