

AEG Stakeholder Challenge

Mobility & Transportation

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November 18, 2021



Agenda

1. Introduction
2. General / root problem
3. Key obstacle, what role would you play
4. What are the benefits / consequences
5. Final statement



Introduction

- **Corporate fleets can play a pivotal role**
 - Private fleets could account for significant purchases of EV products in the shortest time-frame
 - Fleet purchases can stimulate additional OEM development, interest from users, manufacturers and utilities
- **Infrastructure challenges to corporate fleets are not the same as consumer use-cases, but solutions could be beneficial to all stakeholders.**



Problem Statement

How do we kick-start an effective build-out of fleet charging infrastructure and drive benefits beyond fleets?

1. “More fleets would put vehicles on the road if they knew where they’d charge.”
2. “More chargers would be built if there were more vehicles on the road.”
3. “It would be easier to create better EV/charger incentives if we could demonstrate the impact.”

Solve the simultaneous equation

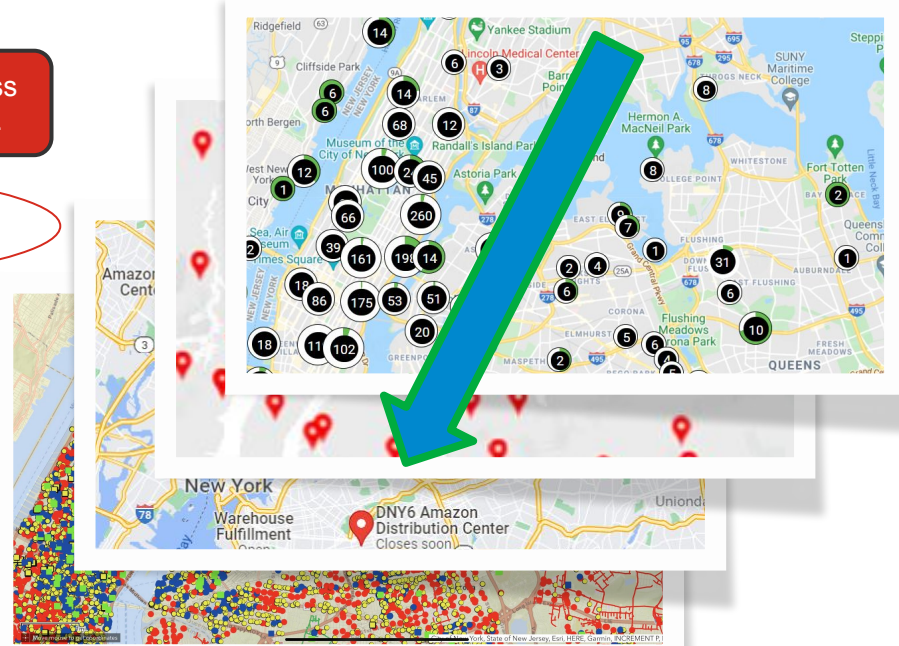


Key Obstacle

Information is in industry silos

Work in-progress
via AEG Mass.

- Where are fleets that could, should or would make significant EV transitions?
- How can we best interpret “where” charging can/should occur for different users?
- Where can we leverage public/private partnerships utilizing this information to solve two infrastructure use-cases?



Work as a consortium to develop a master-view of local EV potential

Benefits

- Maximize impact of incentive funding
- Improve coordination with utilities for upgrades that will benefit the most EV adoption
- Allow for more EV charging stations to be built and more cost-effective construction
- Help manage peak energy demand through thoughtful use of shared access to L2 and DCFC



Conclusion

Regarding Mobility & Transportation, to achieve New York's Carbon & Equity goals, a critical obstacle to overcome is ...

“the absence of a view on EV infrastructure implementation strategies that are greater than the value of their individual parts.”



Thank you to the AEG community

