



CIA TEAM

**PLANNING &
ENVIRONMENT**

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Key Points:

- ❖ **Purpose of the Update:** Provide an overview of ongoing and planned initiatives in NJDOT's Core Innovation Areas related to Planning and Environment.
- ❖ **Stakeholders Involved:** Collaboration with MPOs, FHWA, NJ Transit, and Port Authority of NY/NJ to support state decarbonization goals and improve transportation infrastructure.



- ❖ **Objective:** Ensure alignment with carbon reduction and environmental goals and continue to foster innovation in sustainable transportation planning.



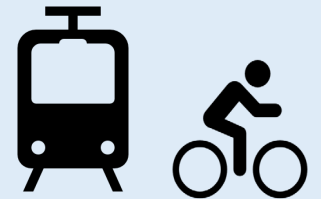
❖ Electrification and Zero-Emission Vehicles

- Expand EV infrastructure to support state fleet and public access to charging stations.
- Partner with stakeholders to ensure widespread adoption of electric and alternative fuel vehicles.



❖ Mass Transit and Active Transportation Promotion

- Encourage the use of public transportation and active modes (cycling, walking).
- Expand services and infrastructure to reduce Single Occupancy Vehicle (SOV) use and mitigate congestion.



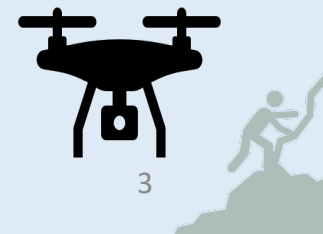
❖ Smart Traffic Management and Efficient Roadway Operations

- Implementation of smart traffic systems to optimize flow and reduce congestion, cutting down on emissions.



❖ Sustainable Construction and Maintenance Practices

- Use of recycled materials and low-emission construction equipment to support greener road projects.



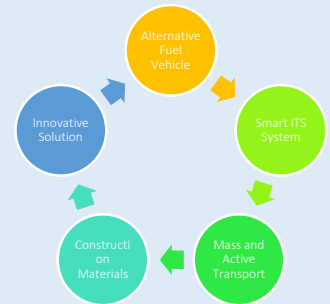
❖ GHG Emissions Reduction Target

- NJDOT's contribution to New Jersey's carbon reduction goals.
- Focus on lowering CO2 emissions through transportation system improvements, including the electrification of transit fleets.



❖ Carbon Reduction Strategies (CRS)

- Inclusion of GHG impacts in the Statewide Transportation Improvement Program (STIP) for clear, data-driven project prioritization.
- CRP projects included in STIP with specific CO2 emission reduction targets.



❖ MPO and Stakeholder Coordination

- Ongoing collaboration with MPOs, NJ Transit, and Port Authority of NY/NJ to ensure strategies align with regional goals.
- Data sharing to track progress toward emissions reduction.



❖ **Project Ranking & Scoring Criteria for GHG Reduction**

- Development and implementation of ranking criteria for carbon reduction projects based on GHG emissions impacts.
- Project prioritization to ensure alignment with state and regional goals.

❖ **Ongoing Collaboration**

- Continuous engagement with FHWA, MPOs, NJ Transit, and Port Authority of NY/NJ to refine strategies and implement effective solutions.
- Regular updates and data sharing to ensure transparency and successful outcomes.

❖ **Funding and Performance Tracking**

- Ensure CMAQ and other funding sources are effectively used to meet 4-year GHG reduction targets.
- Implement regular performance tracking and evaluation to adjust strategies as needed.





Conclusion & Call to Action



- ❖ Recap of the update on **Core Innovation Areas** and **Planning & Environmental** efforts.
- ❖ Emphasize the importance of **continued collaboration** and **data sharing** to achieve NJDOT's **decarbonization goals**.
- ❖ **Next steps:** Encourage stakeholder engagement and active participation in ongoing and upcoming projects.





Thank you all for your participation today.

If you have any further questions or need additional information, please feel free to reach out to me.

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