

# NYC Lab Project Report

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## Integrating Climate Resiliency and Sustainability into Amtrak's Financial Decision-Making

### Project Objectives

The objective of this project is to develop a **methodology** to incorporate **climate resiliency** into Amtrak's existing **financial modeling process**. This methodology is intended for Amtrak to test using a **current Amtrak capital improvement** project as a business case. The project will identify the key **data points** and **variables** needed to extend the framework's applicability to **future capital improvement projects** within Amtrak's portfolio, in alignment with **long-term climate goals**.

### Team Approach

Our team took a systems thinking approach, developing a climate resilient design methodology for capital projects, robust data collection recommendations, and exploring innovative green financing options. Utilizing peer benchmarking and stakeholder interviews, we provided organizations with strategies to future-proof investments, mitigate climate risks, and promote sustainability.

### Recommendations

1. Create a climate resilient design methodology to future proof Amtrak's capital projects
2. Collect qualitative and quantitative data on the benefits and costs of climate resiliency measures
3. Take advantage of innovative green financing options