Abstract
Our group wanted to focus our project on improving transportation. We decided to focus our efforts locally on SNAP, a student driven safety transportation service. We plan to provide more efficient methods for powering these vehicles.

Background
With the advancement of society, the world has become more dependent on using fossil fuels for transportation. According to the "European Environment Agency", transportation alone accounts for 24.5% of carbon dioxide emissions. SNAP currently is powered by fossil fuels and is driving approximately 150 miles per week. Although this may not seem like a big change, with many people converting to electric vehicles, this method would have a large impact.

Project Goals/Objectives
• To provide alternatives that have less financial and environmental costs:
  ➢ Gasoline (SNAP’s current method)
  ➢ Hybrid (Integration of Electric and Gas)
  ➢ Electric

Procedure
1. Gather sources, contacts and data
2. Compile data and calculate costs
3. Talk to suppliers and owners to find if the eventual savings and environmental costs justify the initial cost
4. Install the charging stations and vans

Results/Outcomes
• Electric SNAP will cost about 15% of what gas SNAP costs
• Electric SNAP will also release only 15% of the carbon that Gas SNAP releases

Conclusions/Recommendations
• The data shows that implementing this project would be successful and affordable
• For future projects we would work on convincing companies earlier to help subsidize costs and advertise our project

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References