

Report 4: Environmental Impact of Electric Vehicles (EVs)

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1. Introduction

This report analyzes the environmental benefits and challenges associated with electric vehicles.

2. Benefits

- Reduction in CO2 emissions by 50% compared to gasoline cars.
- Lower air pollution in urban areas.
- Increased energy efficiency in transportation.

3. Challenges

- Lithium-ion battery production environmental costs.
- Limited charging infrastructure in some regions.

4. Conclusion

While EVs offer significant environmental benefits, infrastructure development and sustainable battery production are essential for long-term impact.