

Review of: "Obstacles to Electric Vehicle Adoption in India and Proposed Remedies"

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Potential competing interests: No potential competing interests to declare.

The paper provides a structured examination of the challenges hindering EV adoption in India and suggests innovative solutions tailored to developing countries. Utilizing an inductive-deductive approach, it categorizes influencing factors into micro-, macro-, and meso-level antecedents, forming a comprehensive framework for addressing these barriers.

Strengths:

- Innovative methodology in developing a taxonomy for EV adoption challenges.
- Broad analysis covering infrastructure, technology, and consumer awareness.
- Practical and forward-thinking solutions, such as dynamic wireless charging and battery swapping stations.
- Focus on the unique challenges and needs of developing countries like India.

Areas for Improvement

- Additional empirical evidence to support the effectiveness of proposed solutions.
- Detailed cost analysis for implementing the proposed technologies and infrastructures.
Inclusion of diverse stakeholder perspectives to enrich the analysis.
- A thorough environmental impact assessment of the proposed solutions.

Conclusion:

The paper is a significant contribution to understanding and overcoming the barriers to EV adoption in developing countries. It is well-suited for publication, with recommendations for incorporating empirical data, cost and stakeholder analysis, and environmental considerations to enhance its impact and applicability.