Review of: "Longevity of Electric Vehicle Operations"

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The authors have illustrated the timeliness of electric vehicle (EV) in the era of huge emission and climate change. The overall expression of this work is for learners and users. However, to establishing public good perception and acceptance instead of internal combustion engine, the critical question is relating to both EV and its battery lifespan, facile and faster charging options.

In the introduction initially the significance of EV in the huge emission and climate change situation was better to focus as a big picture. Then its expansion of uses and sustainability question EV lifespan, battery charging capacity, its longevity, recycle possibility, public areas and cross border charging facilities and faster charging routes exploration are most appropriate. How charging setup, battery materials compositional factors and electrode materials choice can influence battery safety and ensures its faster and stable charging that is essential to explain clearly.

More systematic analysis about battery technology, its charging facilities, environmental impact how can accelerate its sustainable and progressive development by proper policy support is essential to report. The combustion engine cars recycling and existing setup how can be utilized properly under resource management with least emission is required to be addressed by advance policy framework. Finally, the overall pathway to progress of EV technology is expected to be focused.