

EE375 Assignment3

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Challenges for electric vehicles in Thailand



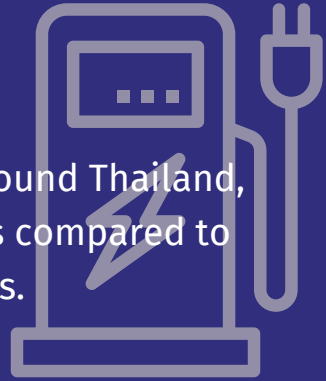
EVs have captured the attention of the global automobile industry and Thailand also keen to play a key part in becoming a hub for EV production. However, there are challenges facing manufactures

Challenges



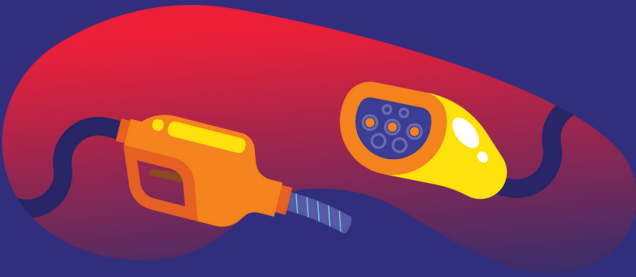
Insufficient EV Infrastructure

There is a lack of charging stations around Thailand, with only 1000 public charging points compared to around 30000 gas stations.



Vehicle Performance Barriers

Electric vehicles and conventional fuel-based vehicles differ in design. Pure electric vehicles have attracted the attention of automobile manufacturers and governments, as they offer an incomparable advantage over conventional fuel-based vehicles in terms of energy conservation and emissions.



Financial Barriers

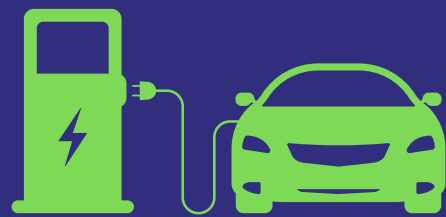


EVs are often more expensive due to high purchase costs, battery costs, and resale values



Solutions

Install more charging stations throughout the country



Attractive incentives by government could promise an optimistic forecast for the EV industry



Short-term boost due to high gas prices. EV could potentially emerge as an economical transportation alternative to fuel-driven vehicles



Government Subsidy
Subsidized on the purchasing of the EVs to encourage people to use the EVs.

