ABSTRACT
The developmental patterns of automotive industries in developing countries differ from those in developed countries. Nations should actively and effectively develop an electric vehicle (EV) industry to reduce carbon dioxide emissions and energy consumption, especially during this period of increasing fuel prices and emphasis on saving energy and reducing carbon emissions. From interdisciplinary perspectives, this study analyzed the promotion methods of the EV industry in Taichung. In addition, we suggest that the Taichung city government should use its advantages in Central Taiwan to assemble mature suppliers of precision machinery in this area to facilitate long-term research and development for the EV industry. This study provides an empirical experience for emerging cities in developing countries regarding the development of the EV industry and is an appropriate reference for the creation of EV industry clusters.

Keywords: Electric vehicle: Reduce carbon dioxide emissions: Energy consumption

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