

Topic title:

E-Mobility: Cost and sales volumes of electric two-wheelers

Description of the topic:

The aim of this master thesis is to provide a descriptive analysis of cost and sales volume developments in the market of pure electric two-wheelers on a global basis. The student should differentiate between different vehicle classes, ranging from small and low-range scooters to high-end motorcycles. In addition, a comprehensive literature overview should be conducted. On an optional basis, a cost comparison between ICE and electric two-wheelers can be included.

Example literature:

Nykvist, B., & Nilsson, M. (2015). Rapidly falling costs of battery packs for electric vehicles. *Nature climate change*, 5(4), 329-332.

Bubeck, S., Tomaschek, J., & Fahl, U. (2016). Perspectives of electric mobility: Total cost of ownership of electric vehicles in Germany. *Transport Policy*, 50, 63-77.

Weinert, J., Ogden, J., Sperling, D., & Burke, A. (2008). The future of electric two-wheelers and electric vehicles in China. *Energy Policy*, 36(7), 2544-2555.

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