

Statement of Purpose

In this diagram, as the title suggests, I want to convey the message that electric cars are dominant in the world among all types of electric vehicles. I plan to include this graph in my thesis. This will give my thesis readers a strong explanation as to why I chose electric cars and no other types of electric vehicles as the subject of my analysis.

By visualizing the International Energy Agency (IEA) dataset, using the agency's records of historical data and forecasts of the number of electric vehicles over the next decade under the IEA Stated Policies Scenario (STEPS), I show the market compositions of the world's four major electric vehicle markets: China, Europe, India, and the United States, between 2010 and 2030.

For clarity, I have combined the categories other than cars: vans, buses, and trucks, because their combined numbers (in green) are far smaller than the share of cars alone.