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What is the future of electric cars?

The future is electric. All over the world electric cars are likely to take at least half of all new car sales by 2040, because in the US in 2016, sales grew by 37 percent, as analysts say. The largest automakers in the US and abroad are struggling to keep pace with the times and announce their plans for electrification. BMW, Audi, Volkswagen and Volvo, are developing new technologies for electric vehicles and increasing their offers for electric vehicles.

Soon, electric cars will cost about the same as conventional cars with a gas engine, because the prices of the battery continue to fall, and the technology is fine-tuned, according to Simon Mui, director of energy for non-profit national resource protection.

Tesla unlike any other company has done a lot for the market of electric vehicles, promoting science and economics to unknown territory. Musk's dedication to doing this has forced the big automakers to follow suit.

Tesla's valuation of more than \$ 50 billion and the success of the S and X models on the market prove that the market for electric vehicles is being sold. Musk also showed that a start-up that wants to think about large boundaries can force the world's largest car manufacturers to rethink their own strategies and change direction.

As the world's automakers place larger bets on electric vehicle technology, many industry analysts are debating a key question: How quickly can plug-in cars become mainstream?

Many people and experts believe that electric cars will remain a niche product for many years, suffering from high prices for stickers and heavily dependent on government subsidies.

Bloomberg predicts, hybrid and fully electric cars will account for 54% of new passenger sales worldwide for the year 2040. There is a simple explanation for this: batteries. Since 2010, the average cost of lithium-ion batteries was about \$ 300 per kilowatt-hour. Bloomberg says that by 2030 it will fall to \$ 73, without any significant technological breakthroughs, as companies such as Tesla, increasing the production of batteries in mass plants, optimizing the design of batteries and improved chemicals.

So we can say that the future is for electric cars, the demand for these cars is growing, and the price will decrease with time and who knows, maybe in 20-30 years we will not see cars with an internal combustion engine on the roads.