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Can electric cars stop air pollution in big cities?

Nowadays, pollution problems are as relevant, as never before. Some people sure that the cars running on gasoline or diesel fuel have major impact on climate changing. Let's try to understand: can electric cars stop air pollution?

On the one hand, the electric motor does not emit harmful substances into the Earth's atmosphere. Chargers for electric cars is much less dangerous for planet than conventional gas stations. The extraction of raw materials and the production of fuel for ordinary cars cannot be done eco-friendly, while electricity can be obtained from the energy of the sun, wind and water.

On the other hand, recycling batteries from electric cars is a process that pollutes the earth no less than ordinary cars pollute the air. Batteries wear out quickly, so they have to be changed more often than conventional motors, that's why more batteries - more pollution.

To sum up, maybe we will make batteries more eco-friendly in the future, so the air pollution level will decrease, but now, the usage of electric cars will not stop the pollution.