

Economic efficiency of e-mobility in the Slovenia

Between 2011 and 2014 ,Eco fund has offered 500.000 € of nonrefundable money for purchase of electric vehicles to initiate energy efficient traffic program. 200.000 € were meant for private people and 300.000 for companies.

This amount has increased in 2015 and even more in 2016. There was 2 million € for companies and 500.000 € for private owners. Nonrefundable financial incentive can be approved for purchase of the new electric vehicles of M1, N1, L7e and L6e category without CO2 emissions from the exhaust. This incentive can also be approved for reworking an existing vehicle into an electric one .State money can also be approved for plug in hybrid vehicles or for electric vehicles with range extended technology, but those must not exceed 50 g CO2/km exhaust emissions. In 2015 the amount of state incentive depended on the vehicle category and ranged from 2.000 € to 5.000 €.

Those amounts increased in 2016. Eco fund has arranged more money to achieve state goal for energy efficient and less pollutant traffic. The nonrefundable incentive money for electric vehicles and plug in hybrid vehicles in 2016 varies between 3.500 € and 7.500€.

Citizen with approved state incentive is also allowed to ask for a loan for environmental investments.

The amount of predicted money for energy efficient vehicles was not completely used in years from 2011 to 2013, yet in 2014 the amount did not suffice the needs.

Renault-Nissan alliance sold the highest number of electric vehicles in Slovenia thanks to Renault Zoe. They say that people decide for an electric vehicle over the conventional one only if it is more friendly for their budget. They say that the biggest problem regarding electric vehicles is the battery price, which is currently still high.

Besides ecological aspects of electric mobility, state of Slovenia sees in it a huge impact on a Slovenian economy. There are many producers of various electric vehicles parts and there is also a well developed Slovenian car cluster. Bills that increase electric vehicle sales numbers and well developed charging infrastructure will definitely influence those companies affected by electric mobility and enable them to be competitive on a global marketplace.