

МІНІСТЕРСТВО ОСВІТИ І НАУКИ УКРАЇНИ  
НАЦІОНАЛЬНИЙ УНІВЕРСИТЕТ БІОРЕСУРСІВ  
І ПРИРОДОКОРИСТУВАННЯ УКРАЇНИ  
Представництво Польської академії наук в Києві  
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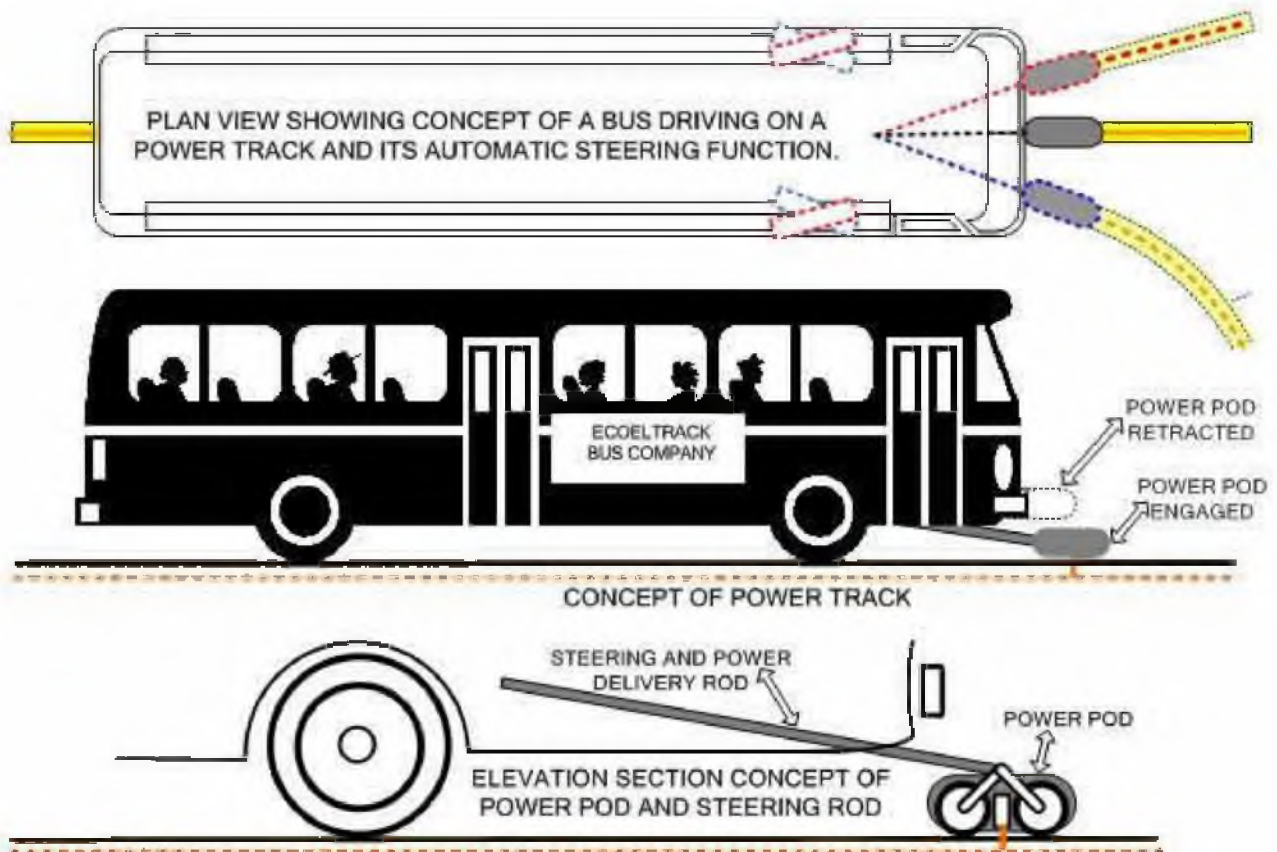
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**TECHNOLOGY OF ELECTRIC VEHICLE CHARGING DIRECTLY  
FROM ROAD**

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Israeli company "ElectRoad" invented incredible technology charging electric vehicles directly from the road, which are special system. The technology is based on the principle of electromagnetic induction, which is now actively used for charging cordless phones and electric toothbrushes.



General Director of "ElectRoad", Mr. Oren Ezer, explained that the invented technology is pretty cheap, does not require changes of the urban landscape and the construction of new highways. It is simple in its implementation, and modernization of one kilometer of road it is possible to perform in just a few hours.



To do this, first you need to use a rotary hoe, which is mid-strip in asphalt will cut a narrow trench with a depth of 8 cm and then the second car can be, placed in a recess of the special equipment with wireless charging.

And after this trench roll back to the asphalt, and passing through it, electric vehicles can recharge their batteries.

However, themselves drives electric cars will be supplied with special intellectual Converter, to strengthen which should be on its bottom.

This technology is absolutely safe for passengers of electric cars and pedestrians.

It reduces the weight installed on the vehicle electric battery, and of course, makes the operation of vehicles is virtually unlimited in time.

Today the company "ElectRoad" has already received a grant from the European Commission for research "Horizon 2020" and the launch of the programme on the implementation of this technology will begin in 2017.

The first transport, which will be recharged so that will be city buses and the streets on which they travel will appear in Tel Aviv.