

THE ROLE OF ELECTRIC VEHICLES IN THE FUTURE IN PUBLIC TRANSPORT OF SZEGED AND THE EXPERIENCES AT THE ELIPTIC PROJECT

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In our urbanizing world has always been an important task the design and implementation of an efficient, economical, sustainable local transport system. Under the sustainability today, almost everyone understands the environmentally friendly use of energy-efficient solutions, which are alternatives to private transport electric public transport, cycling, walking, car sharing and e-car, was driving the generally accepted approach. Due to increasing population and changes of lifestyle, expands the number of individual trips and ever more complex to offer a solution that meets the man of our time. In Szeged, the settlement structure, the built transport infrastructure, the track-developed network, all suggest the expansion of the use of electric vehicles. The possibility of penetration of electric vehicles examines in two directions the H2020's ELIPTIC project funded by the European Union. One of the directions is the expansion, extension of trolleybus lines without the overhead construction reducing the rate by coach and bus services. The other direction to build a multifunctional electric charger network based on the existing infrastructure.

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