

At present, there are no comprehensive research institutes in the Slovak Republic and also in many EU countries that can provide services to organizations involved in the development of modern components, the use of which is applicable to the area of electromobility. The testing facility enables the comprehensive implementation of research activities in the field of use of unconventional vehicle propulsion. It enables cooperation on the development activities of organizations which are part of the platform E-mobility, cooperation on the creation of legislative changes and allows comprehensive testing of electric cars and unconventional vehicles. One of the biggest barriers for the development of electromobility is people's fear of commuting, because electric vehicles have a shorter range than conventional vehicles. In modern electric cars, complex technologies in the form of an energy assistant are used to reduce electricity consumption and at the same time extend the range. Results of research activity The energy assistant of the electric car driver and the knowledge gained during the solution of individual stages of research can found application not only in academia, but also in the commercial sphere in the form of individual modules of the energy system assistant also for cars with conventional drive, or as a whole for electric cars.

Technology for research of unconventional drives and their components, Energy Assistant
electric car driver