

The company statement to the environment protection while conducting network tests.

Systemics-PAB's mission is to assist customers to understand the variety of issues affecting quality in mobile and fixed telecommunication networks.

Our main operational work is related to the usage of cars and portable devices equipped with specialized measurement tools – all aimed to perform network measurements both outdoor (drive-tests) and indoor (walk-tests) in a professional and safe manner. In conclusion, the wider the area we can measure (for instance roads, buildings, trains, stadiums, airports, public facilities) the higher the chance for operators to construct better network, and enable the higher quality of user experience. However, we always perform our work with respect to the environment. The company is promoting the reduction in the miles driven and therefore the reduction of damaging emissions and use of natural resources.

For example, each measurement equipment set that is installed in a car has specific energy requirements as demanded by manufacturers. We are obliged to meet these constraints to perform the network measurements accurately and according to all quality norms and standards. Therefore, we always use cars with diesel engines since gasoline engines with spark ignition can cause distortions in the measurement equipment. Moreover, with gasoline-engine cars, we would need a minimum 2L engines which would be expensive and more detrimental to the environment. In fact, we use cars with diesel engines up to 1.5 liters. This approach also meets integrity requirements for accurate network measurements because in diesel fuelled engines with high temperature ignition there are no sparks generated, and the engine can successfully produce electricity for the car to power the measurement equipment.

Furthermore, by 2030, Systemics-PAB is planning to introduce electric vehicles and use them for drive-tests where possible but subject to the availability of charging points in the various countries in which we provide our services.

Paweł Biskupski

CEO, Systemics-PAB Sp. z o.o.

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