

**Project name:** MOBILE LABORATORY FOR PERIODIC METROLOGICAL VERIFICATION OF POWER TRANSFORMER MONITORING EQUIPMENT.

**Project class:** Module IV – Projects for developing the conformity assessment and certification infrastructure

**Phase no.:** 02

**Phase name:** Implementation of the tests following to be accredited.

*Planned objectives and got results:*

**Activity 2.1** *Drawing up the list of tests and strategy for implementing them.*

◆ The list of tests, the strategy for implementing them and the block diagram for testing the monitoring equipment MONITRA IMT02, MONITRA IMT02S and related equipment for partial discharge measurement were drawn up. The methods used for periodic metrological verification of the equipment which monitors the power transformer operation are presented in the technical specifications of the monitoring equipment.

**Activity 2.2** *Endowment with apparatus and materials necessary to the new tests. Arranging and endowing a suitable space for mounting the equipment of the mobile laboratory.*

◆ Specifications for purchasing the apparatus and materials necessary to performing metrological verifications were worked out, auctions and direct procurements were organized, purchase contracts were concluded and signed, the required equipment and apparatus were purchased and the necessary bookkeeping documents were drawn up.

**Activity 2.3**

Mounting and commissioning the purchased equipment and apparatus. Tests for verifying the apparatus performances and result reproducibility.

◆ The purchased equipment and apparatus were verified.