



Nicaragua

Strengthening Quality Assurance Services for the Drinking Water and Wastewater Sector

Objective This project aims to strengthen the national quality infrastructure in such a way that its institutions can offer new services that contribute to the reliability of consumption measurements and quality analyses of drinking water and wastewater.

Approach The project includes training, consultancy and technical assistance in order to strengthen the capacities of the national quality infrastructure institutions in Nicaragua for the development of services in drinking water and wastewater. In addition, it aims to enhance technical capacities in the field of standardization through the development of normative documents for wastewater, as well as to develop technical skills in metrology and accreditation for the improvement of services offered to testing laboratories. Relevant training for drinking water and wastewater testing laboratories as well as water meter calibration laboratories will ensure reliable measurements in the consumption of drinking water and quality analyses of drinking water and wastewater.

Impact Strengthening the technical capacities of Nicaragua's national quality infrastructure institutions will allow them to offer services that contribute to the reliability of consumption measurements and quality analyses of drinking water and wastewater. Furthermore, normative documents on wastewater will be developed based on good standardization practices in accordance with international standards. In addition, testing laboratories will be provided with the means to obtain reliable and comparable results through their participation in proficiency testing. Strengthening the technical competence of calibration laboratories and their corresponding international recognition will ensure more reliable results in water quality analysis.

Water meter calibration laboratories will improve the results of their consumption measurements, making use of metrology services to calibrate their instruments and demonstrating their technical competence through accreditation.

Cooperation The project is part of the German cooperation programme titled *Drinking Water Supply and Wastewater Management in Nicaragua* and is being implemented to complement the activities of GIZ and KfW.

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Contact Ministerio de Fomento, Industria y Comercio (MIFIC)
Dirección General de Comercio Interior
Noemí Solano Lacayo
+505 22489300 – 1301/1302
nsolano@mific.gob.ni

Physikalisch-Technische Bundesanstalt
Ann-Kathrin Krekeler
+49 531 592-8263
ann-kathrin.krekeler@ptb.de