

NDT application in Cameroon (Central Africa)

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With the support of the IAEA, the government of Cameroon established the country's first specialized facility for Non Destructive Testing (NDT) from 1999, anticipating the services that would be required for the quality control and inspection of the 1070 Km Chad-Cameroon pipeline. HYDRAC, the government company of Cameroon, which is the main counterparty company, implemented this project, by carrying out the quality control using NDT method to inspect the 1070 km pipeline, 30" diameter. In 2013 during the modification of the pipeline due to the Lom Pangar dam construction project, HYDRAC carried out the NDT using crawler to inspect the 30 km pipeline. HYDRAC initiated the procedure for the creation of NDT society in Cameroon through the project CMR1004 Strengthening the national capability and institutional self-reliance in NDT and related activities for industrial applications of radiation, duration from 2022 to 2025. The presentation will demonstrate how the project was conducted, in collaboration with the support of government, the International Energie Agency and the strong management of HYDRAC, and why the implementation of NDT in Cameroon by local people is qualified Success Story by IAEA and what the impact in term of manpower, turnover and safety culture of this project in the country is.