

Project Progress Report no. 19**'End of implementation period'-meeting**

On the 10th of January 2018 Ghana Health Services (GHS) organized a stakeholders-meeting in Accra, with the abovementioned theme. The Director General of GHS, dr. Anthony Nsiah-Asare, invited selected participants from Ministry of Health, Ministry of Finance, Ghana Health Service, the National TB Control Program (NTP), CEO's and Medical Superintendents of some beneficiary institutions, as well as representatives of Universal Delft, to: *'share and discuss progress on the project of Tuberculosis Case Detection in Ghana. The implementation phase of the project is coming to an end in February 2018. The meeting is to update you on the progress, the challenges and the way forward'*.



Through presentations by dr. Nicholas Adjabu (Dep. Director of the Clinical Engineering Department of GHS and Coordinator of the project for GHS), dr. Nii Nortey Hanson-Nortey (Dep. Program Manager of the NTP) and dr. Maurits Verhagen (Project Manager for Universal Delft), around 30 participants were quickly updated on the project and its progress. After that, challenges and possible solutions were discussed.

Lack of radiographers within GHS was identified as the main challenge for the success of the project. Dr. Adjabu disclosed that GHS obtained financial clearance to employ 45 radiographers extra, for beneficiary hospitals which do not have their own radiographer yet. Dr. Adjabu also explained that the HR department of GHS had started recruitment of new radiographers already and so far, was able to enrol 9 new radiographers. He is hopeful that GHS will have enough radiographers soon.



The first group of radiographers trained in July 2017; up till now only 25 radiographers could be trained

The second challenge identified was the connectivity between the systems on-site and the Central Archive at the NTP-headquarters, as well as between the Central Archive and the Dedicated Radiological Viewing Stations at Teaching and some Regional Hospitals, which had not yet been established. Dr. Bonsu (Program Manager of the NTP) informed the participants that the NTP succeeded in securing funds to pay for the data-transmission to and from the Central Archive with specially prepared SIM-cards and a fibre-connection at Korle Bu to the NTP-headquarters. Universal Delft confirmed that this would allow the operation of the Teleradiology Network as expected. The idea of Dr. Adjabu to visit all beneficiary facilities to test if their systems would be able to connect and communicate with the Central Archive and work according to expectation, was welcomed by participants. Universal Delft accepted to organise a tour around the country, in close cooperation with GHS, for functional testing of the X-ray systems and the Teleradiology Network.

‘Accelerating case detection of tuberculosis in Ghana’

February 2018

Final Acceptance Tour around beneficiary facilities

Monday morning 12th February, after a kick-off meeting to assure that all team members were on the same page and knew what is expected from them, two teams of GHS engineers, GHS IT-officers, UD-engineers and a GHS-driver, set-off from Accra, to test the deployed project-equipment in all beneficiary hospitals. The teams will also test the network connections between the local PACS-systems and the Central Archive at the NTP, and between the Central Archive and the Radiological Viewing Stations at designated hospitals (Teaching hospitals and selected Regional hospitals).

In close cooperation with both the clinical engineers from GHS Clinical Engineering Dept. and with the IT-staff of the NTP, testing protocols were developed. A try-out of the protocols on the X-ray equipment at Korle Bu Chest Clinic, resulted in adjustment of some details in the protocols.

The teams will be busy, they must test 48 sites, 2 screening vans and 10 installed Radiological Viewing stations. They are expected to complete their exercise before the end of February. After returning, the teams will report their findings in a Debriefing Meeting with representatives of GHS and the NTP.

After that, the implementation period can officially be ended by GHS, endorsing ‘Final Acceptance’ of all Delivered Goods and Related Services, to enter the Warranty period of the project (24 months).



Team 1



Team 2