

## Water Loss Reduction Project in Kamez (Albania)

Written by Administrator

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Kamez municipality in Albania has problem with very restrictive reduction in water supplying. Water supply system is supplied from two directions: filter station Maluko (also supply with water capital Tirana) and wells field Valias on the north - west part of municipality. Customers in lower zones has water supply during 30 and 60 minutes per day, until 15% of costumers who are leaving in higher zones has not Water supply ever.

Almost all houses in Kamez are equipped with external reservoir on the roofs which are filling by water from truck cistern which sell water.

Within the Project :Reconstruction and extension of the water supply system in Kamez, which are implementing consortium: STRABAG AG (Wien, Austria) and DAHLEM GmbH (Esen, Germany), one of priority task is leak detection campaign in the system.

This activity has started at july, when consortium engaged Mr. ?evad Koldo as consultant, and who performed training course for utilisation of Leak detection equipment which are purchased for the Water Utility Kamez. Training has implemented on the field in DMAs of water supply system in Kamez. Taking into account intermittent water supplying, leak detection by sounding is very limited, due huge consumption, low pressure and air pocket in the pipelines. Due stated reasons leak detection has performed using cisterns for filling isolated parts of pipelines. More than 60 leaks are detected during the training. On the suggestion by consultant during the next period detailed water Balance analysis will be done.

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