

Planning & Utility Assessment & Asset Register Evaluation Phases of an IAWD Asset Management Regional Services Hub

Planning & Utility Assessment

Utility Assessment model present an analytical and objective assessment of Utility's overall performance and achievable AM performance objectives. The service:

- Provides the Utility with an analytical and objective assessment of its overall performance
- Quantify lost revenues and excessive production and distribution costs attributable to the different components of non-revenue water
- Recommend achievable perf. objectives for all relevant types of remedial projects
- Identify and prioritise the different remedies that will result in the performance objectives being achieved

Asset Register Evaluation

The minimum requirement for proper Management Reporting is the accurate representation of all the bulk and distribution networks at least with regard to the main operation of the bulk supply and correct discretization of the hydraulic and mass balancing zones.

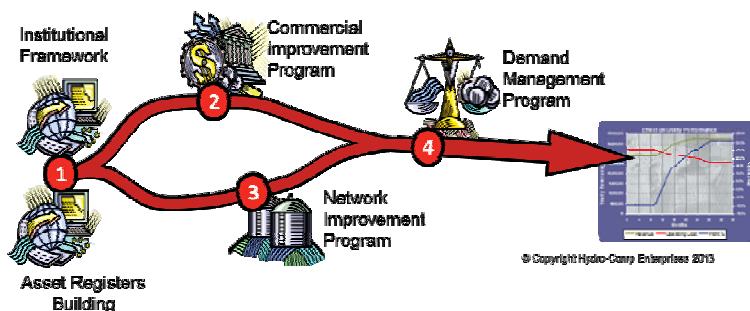
This report evaluates the information in the current Asset register identifies changes that must be made and identifies areas that need further investigation with the objective of

- (a) Achieving an accurate representation of all the transmission and distribution networks.
- (b) Preparing the Asset register to be properly used for a NRW-Audit and for Hydraulic Analysis for

Early AM Project activities:

- Started from institutional framework and asset register establishing,
- Followed by two main paths, covering commercial & network aspects, i.e. revenue & cost side, to be
- Finally aligned in system/subsystem analysis

Second Workshop was held on November 3rd in Belgrade, SR, with IAWD representative (Kling, Weller, Wagner and Wolff), and presence 16 utility representatives i.e. total 43 participants.



Two-paths approach depicting early Project activities



Group photo from the Second Workshop

Commercial Data Evaluation (CDE)

Commercial Data Evaluation (CDE) has as main objective to ensure data quality of Commercial data through data validation, evaluation, exception lists and discrepancies. This includes missing or inconsistent data suitable for Utilities and Municipalities.

In addition, includes a detailed analysis of water consumption and consumers' behaviour, analysing reasons of commercial losses and identify problematic meters, connections and meter readings, towards the reduction of apparent losses in unaccounted for water.