



OPTIMISING NON-REVENUE WATER MANAGEMENT

Tools and techniques

The purpose of this two-day thematic course is to provide you with an understanding of the principles, procedures and tools available for designing and managing a Non-Revenue Water (NRW) Programme in the most efficient and cost-effective way. Thus you will learn how to obtain reduced water losses, reduced pipe burst risks, and reduced energy consumption within a short period and with only a minimum of input data.

Optimal operation, maintenance and rehabilitation of water distribution systems constitutes a complex, complicated and often expensive process.

DHI's approach to NRW offers much more than Non-Revenue Water mapping – with short return on investment. Our solution to optimal Non-Revenue Water management works with the data that you have, follows international recommendations and uses a well-proven methodology in order to make your NRW management more structured and efficient – and it pays off from the beginning.

COURSE TOPICS

- Introduction to NRW: concepts, principles and approaches
- Overview of the techniques and tools available for NRW, including leakage monitor
- Introduction to DHI's approach
- Modelling in NRW
- Measurement campaigns and field activities
- Pressure optimisation
- Delineate District Meter Areas
- Asset management - network reconstruction
- Tool for technically and economically optimised NRW control
- Case stories
- Hands-on exercises

TARGET GROUP AND PREREQUISITES

Professionals working with NRW either in a water utility or in a consultancy company. Both decision makers as well as engineers and operators will benefit from the course. Participants should be acquainted with the basics of a water distribution system and have a basic hydraulic understanding.

THE ACADEMY BY DHI

THE ACADEMY offers a palette of courses and capacity building packages designed to fit your needs and challenges. We offer standard and/or tailored training - face-2-face as well as tailored.

MIKE Powered by DHI courses focus on practical skills, hands-on exercises and teaching you how to get the most out of your software. These courses also enable you to understand the power of the MIKE tools for building decision support systems.

Thematic courses allow you to apply concepts, applications and decision support principles to the entire business process within current areas: aquaculture and agriculture, energy, climate change, flooding, coast and marine, surface and groundwater, urban water, industry, environment and ecosystems, product safety and environmental risk, etc.

Our trainers are experienced professionals, many of whom are recognised international experts in their fields. The use of highly skilled trainers guarantees the quality of THE ACADEMY courses.

LEARN MORE AND CONTACT US



courses@dhigroup.com
www.theacademybydhi.com