By 2025, two thirds of the world population could be affected by water scarcity. Ensuring safe, reliable and sustainable water provision is crucial to human welfare. Yet it faces multiple challenges, especially in urban areas. Specialised tools and expertise are required to establish reliable drinking water systems, develop safe and energy-efficient operating conditions and maintain water quality up to standards. We can help.

THE CHALLENGES
• Providing enough water for everyone
• Maintaining safe and secure water supply
• Ensuring energy-efficient and reliable water distribution
• Making sustainable use of water resources
• Reducing water losses and Non-Revenue Water (NRW)

OUR APPROACH
We have all the requisite tools to ensure safe, reliable and sustainable supply and distribution of drinking water. Our wide range of services include hydraulic simulation and analyses, site-specific measurements, telemetry data and output from numerical models. We also have vast experience in helping our clients implement these tools and address their specific challenges – wherever they are located across the world. This makes us your ideal partner for water supply, water distribution and related services.

OUR SOLUTIONS
• Hydraulic and water quality modelling
• Master planning and optimisation
• Water distribution modelling
• Improved operations
• NRW and leakage management
• Water safety planning

THE ULTIMATE GOAL
SAFE, RELIABLE AND SUSTAINABLE WATER PROVISION
Each year, the world loses more than USD 14 billion worth of water in supply systems.

**OUR TOOLS AND SERVICES**

We can provide you with everything you need to establish, manage and optimise your drinking water supply and distribution systems. Our tools and services include:

- model building and GIS integration
- model calibration
- hydraulic and water quality analysis
- hydraulic transient analysis
- fire flow analysis
- event detection and early warning
- pipe network rehabilitation
- water audit
- pressure optimisation
- designation of District Metered Areas (DMA) and night flow monitoring
- active leakage control
- risk assessment

- monitoring
- MIKE Powered by DHI software tools:
  - MIKE URBAN (urban water modelling, including for water distribution systems)
  - MIKE URBAN FGDHT (Flow Gradient Hydraulics)
  - URBAN ON-LINE WD (Water Distribution)
  - WDMS (Water Demand Managing System)
  - DIMS.CORE (data integration and business processes)
- capacity building and training by THE ACADEMY by DHI

Contact us: info@dhigroup.com
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