MIKE PLANNING

Software product for
scenario analysis and
decision support

MIKE PLANNING is a software product that supports a **structured and transparent analysis and comparison** of model-based scenario simulations as well as a more **objective and transparent decision making process**.

APPLICATIONS

PROVIDES A BETTER BASIS FOR MAKING WISE DECISIONS

MIKE PLANNING extends MIKE INFO with functionality that supports a more structured and transparent decision making process. Mathematical models are strong tools that allow quantification of impacts associated with different types of development scenarios, often involving construction or operation of infrastructure such as dams, irrigation schemes, water collection systems and distribution systems.

The underlying concept of MIKE PLANNING is that scenarios are evaluated and compared using a set of agreed performance indicators or decision criteria, which can then be used to select the most appropriate scenario.

WHO USES MIKE PLANNING?

River basin authorities use MIKE PLANNING to identify scenarios that best meet their water management objectives at the lowest cost.

Cities and Water utilities use MIKE PLANNING to design or improve ground water pumping schemes or water distribution and collection networks in order to minimise costs, while meeting operational and legislative constraints.

FEATURES

COMBINES DATA, MODELS AND TOOLS FOR OBJECTIVE DECISION MAKING

In addition to MIKE INFO's data management capabilities, MIKE PLANNING provides a range of analytical tools that can be used in the decision making process.

Key features include:

- Scenarios for comparative assessments based on MIKE Powered by DHI modelling systems as well as other systems
- Performance Indicators – such as social, environmental and economic – for use in comparative scenario assessments

FEATURES

- Multi-criteria analyses for objective scenario comparison using performance indicators, decision criteria, ranking and stakeholder preferences
- Cost-benefit analyses
- Single- and multi-objective optimisation
- Ensembles to assess uncertainty and support more robust decisions
- Assessing long-term impacts of climate change using climate data from global and regional climate models

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For more information, visit:
www.mikepoweredbydhi.com

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The expert in **WATER ENVIRONMENTS**

MIKE
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