



Helping **ten countries** share
the water resources of a
3 million km² river basin.

You can too.

DHI are the first people you should call when you have a tough challenge to solve in a water environment – be it a river, a reservoir, an ocean, a coastline, within a city or a factory.

Our knowledge of water environments is second-to-none. It represents 50 years of dedicated research and real-life experience from more than 140 countries. We strive to make this knowledge globally accessible to clients and partners by channelling it through our local teams and unique software.

Our world is water. So whether you need to save water, share it fairly, improve its quality, quantify its impact or manage its flow, we can help. Our knowledge, combined with our team's expertise and the power of our technology, holds the key to unlocking the right solution.

The expert in **WATER ENVIRONMENTS**



Local solution

With a drainage area of 3 million km², the Nile River is a major source of food, irrigation and energy production. **More than 200 million people** depend on the river's water for their livelihood. Over the years, an increasing population and economic growth in the region has put more **pressure on the river's limited resources**.

Ten of the Nile Basin's riparian countries – represented by the Nile Basin Initiative (NBI) – have agreed to cooperatively develop the river. To help the NBI foster equitable management of the Nile's resources, we developed the **Nile Basin Decision Support System** (NB DSS).

Driven by our MIKE PLANNING software, the NB DSS integrates climatological, hydrological and environmental data with water simulation tools and cost-benefit and multi-criteria analysis tools. The result: a **transparent and objective** way for the NBI countries to share information, **enabling water authorities to cooperatively and sustainably use the Nile's water.**

“ The Nile Basin Decision Support System offers the data and tools needed for cooperatively planning and managing water resources, thus providing the basis for consensus on the development of sustainable water resources projects in the Nile Basin. ”

Dr. Abdulkarim H. Seid,
Head, Water Resources Management, Nile
Basin Initiative Secretariat

Global knowledge

With our generic MIKE Powered by DHI software, we built a **unique DSS for the Nile Basin countries**. Using our decades of experience, we can develop similar, yet **customised solutions** to help meet your specific water management needs.



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