

Optimise processes, reclamation, energy and chemical usage to improve treatment efficiency

Wastewater Treatment

Do you want your WWTP to be more energy efficient?

Would you like to find ways to better reuse the water from your WWTP?

Is establishing more automated, data driven operations important?

Wastewater treatment plants (WWTPs) are key infrastructures for ensuring a proper protection of our environment. However, they consume large amounts of energy and chemicals, produce high greenhouse gas emissions (methane, nitrous oxide and carbon dioxide) and insufficiently remove emerging contaminants such as antibiotics and microplastics.



Services & Solutions

Through the integration of advanced technology and decades of wastewater treatment analysis and modelling expertise, DHI offers an array of solutions to help get the most out of your treatment capacity. Our innovative data management techniques will reveal new ways to increase capacity, reduce effluent concentrations, become an energy producer rather than consumer and recover valuable and scarce resources such as nutrients. DHI can also guide you in establishing automated data driven operations to minimise human error risks and ensure regulatory compliance.

- **Improve water efficiency with sustainable process design and retrofitting**
- **Make more informed decisions using data integration**
- **Achieve more stable plant operations through the use of advanced real-time control**

Core technology

WEST

Model and simulate your wastewater treatment plant to study physical, biological and/or chemical processes

DIMS.CORE

Tap into a central data repository to build custom monitoring, reporting and real-time control solutions

MIKE OPERATIONS

Establish real-time data management including data and compliance reporting



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