

Designing and engineering sustainable infrastructure

Addressing the challenge of water and sanitation for all

Sustainable management of water is key to human and urban development. This everyday challenge requires effective, cost-efficient and reliable drinking water and sanitation infrastructure.

Groupe Huit works with you on every aspect of the water cycle and on all your projects for the construction or rehabilitation of water infrastructure including:

- > **Water treatment plants**
- > **Water supply and distribution networks**
- > **Water collection and transportation networks**
- > **Wastewater treatment plants**
- > **Nature-based solutions**
- > **Water recycling systems**

Our services:

- > Infrastructure diagnostic assessment
- > Hydraulic modelling
- > Water and sanitation master plan
- > Concept design and project management
- > Technical assistance
- > Capacity building
- > Institutional, economic and financial analysis
- > Support for the implementation of PPP

Our expertise

WATER CYCLE EXPERT

DRINKING WATER

- Catchment
- Production
- Distribution

WASTEWATER INDUSTRIAL WATER

- Collection and transportation
- Treatment
- Management and recycling of discharges
- Recycling
- Environmental protection
- Water efficiency

DRAINAGE STORM WATER

- Hydrology
- Flood management
- Flood prevention
- Reuse
- Alternative techniques

OPERATIONAL MANAGEMENT

- Services audit/PPP
- Performance improvement
- Operations support
- IT/GIS

INTEGRATION AND MANAGEMENT OF ENVIRONMENTAL, SOCIAL AND GENDER IMPACTS

Orderly and dependable project management

All our assignments are performed according to a structured project management approach. This allows us to ensure the quality of our work and to retain control over the cost of your projects while integrating statutory constraints and obligations and optimising service operations and infrastructure management.

Groupe Huit works independently from water and sanitation service operators and construction firms in order to provide clients with fully objective technical solutions and service audits.

Innovation at the heart of our projects

Our teams constantly monitor technological developments in their fields. They also have first-hand access to innovations developed internally and can thus propose and implement innovative solutions for your drinking water, wastewater and storm water management projects. E.g.:

- KanaRi, a software solution for the management of sanitation infrastructure
- NaoPAD, in-the-field network mapping application

A holistic approach to the water cycle

Groupe Huit's strength lies in strong sector-specific expertise brought together in interdisciplinary teams designed to provide the best possible response to your requirements.

The increasingly complex challenges of our clients have led us to develop participatory work methods, using consultation processes that involve the various project stakeholders and go beyond institutional divides.

This all-encompassing, global approach integrates technical, environmental and financial aspects and ensures the efficiency of our work methods and the solutions that we implement.

Somes references



LAOS

Concept design and implementation of a project to scale up WASH infrastructure (SUNWIP)

UE/KFW - 2018-2022



KENYA

Institutional strengthening and capacity building for Wajir Water and Sanitation

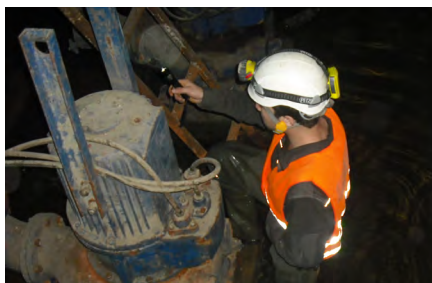
WB - 2021-2022



SRI LANKA

Political and institutional enhancement consultancy (PIEC) for the Sanitation and Hygiene Initiative for Towns (SHIFT)

AFD - 2019-2022



TUNISIA

Study for the extension of sanitation networks (cities and agglomerated rural areas) in the region of Lake Bizerte

Local - 2020



GEORGIA

Project to improve drinking water and sanitation services

ADB - 2019-2020



VIETNAM

Ho Chi Minh City Wastewater and Drainage System Improvement Project

ADB - 2018-2022