



Choose certainty.  
Add value.

## Water Services – Sanitation

Foster sustainable  
sanitation solutions.

### Your challenges

Sanitation poses one of the great challenges for developing countries. Globally, 2.5 billion people have no access to sanitation. Beyond the negative environmental impact, this lack of sanitation has direct consequences for social and economic development. Sustainable sanitation solutions decrease environmental pollution, prevent the transmission of water-related diseases, and support economic and social development. The United Nations has declared that one of the Millennium Development Goals (MDG) is for 1.25 billion people to gain access to sanitation by 2015.

### What sanitation services does TÜV SÜD provide?

TÜV SÜD provides services for donors, investors and financiers of sanitation projects, responsible public authorities, as well as manufacturers and operators of sanitation solutions. We provide technical advisory and implementation assistance to guide decision-making while helping to reduce complexity and information costs. TÜV SÜD ensures quality through technology

reviews, inspections of implemented projects as well as qualification of technological solutions.

### Why are these services important for you?

Although numerous technologies are available, there are many technical shortcomings as well as safety, health and environmental risks that prevent sanitation solutions from becoming self-sustaining. In addition, installations often fail to consider the local socio-cultural and economic context. Few sanitation solutions to date are operated with robust business models. Furthermore, there is no quality standard or certification scheme that can help decision makers to cope with the sheer quantity of different sanitation technologies and service models.

### How can we help you?

TÜV SÜD combines profound knowledge of the sanitation sector with multidisciplinary technological expertise to ensure that your conception of a sanitation project, programme or product is successful and



sustainable. As an independent third-party service provider with a core competence in qualification, standardisation and certification, we support you in making the right investment decisions.

## Our sanitation services

### ■ Technical advisory

We provide in-depth technology reviews of commercial sanitation solutions and upcoming innovations. This includes the development of specific criteria catalogues, the evaluation of different technological solutions as well as assessments on site, in order to ensure integration in the local value chain. Our assessments follow the guiding principle of sustainability by considering social, environmental and economic aspects. We also focus on the sustainability of the corresponding business models to ensure longevity after implementation.

### ■ Implementation assistance

TÜV SÜD supports the implementation of sanitation projects or programmes from design review, through construction and final acceptance, to commissioning and operation. This ensures best-in-class implementation of quality assurance and quality control. We can support your implementation with capacity building and training.

### ■ Qualification

Our professionals test and evaluate sanitation technologies based on transparent and globally relevant criteria catalogues, protocols and standards. Depending on the requirements, we can perform assessments in our laboratories and in the field, followed by the qualification of the particular sanitation solution.

### ■ Inspection

TÜV SÜD sanitation experts provide performance monitoring through field inspections to help sanitation technologies achieve long-term acceptance and functionality. Our “plan-do-check-act” quality management circle provides a basis for continuous improvement and sustainability.

## Your business benefits

- **Save money** – by ensuring that investment decisions lead to sustainable sanitation solutions.
- **Minimise risk** – by mapping and mitigating risks in a structured manner to ensure funds are properly used and liabilities are avoided.
- **Demonstrate credibility** – by partnering with a renowned independent third-party service provider.
- **Access global support** – with a worldwide network that keeps abreast of the latest developments in the sanitation sector, and possesses the best local knowledge in key markets.

## Why choose TÜV SÜD?

As a trusted partner for the water, waste water and sanitation sector, TÜV SÜD has a reputation for independence and impartiality. Our deep interdisciplinary expertise improves the quality and efficiency of your water processes and technologies related to water and sanitation.

We help identify, address and manage potential risks, thereby adding value to our clients’ operations. Our holistic approach covers all phases of the water system value chain from planning and operations up to maintenance. With our comprehensive service portfolio and deep understanding of water-related technologies, we offer a single source for technical services and support.

## Choose certainty. Add value.

TÜV SÜD is a premium quality, safety and sustainability solutions provider that specialises in testing, inspection, auditing, certification, training and knowledge services. Represented in over 800 locations worldwide, we hold accreditations in Europe, the Americas, the Middle East, Asia and Africa. By delivering objective solutions to our customers, we add tangible value to businesses, consumers and the environment.

## Related services

TÜV SÜD provides the following related services:

- Water Services – QA/QC
- Water Services – Water Efficiency
- Water Services – Desalination
- Water Services – Water Technology Verification
- Water Services – Risk Assessments
- Water Services – Optimisation