

SACHSEN WASSER PROJECT UPDATE * 2025

2025 YEARS SACHSEN WASSER GMBH



Your task is not
to foresee the future,
but to enable it.

*Antoine de Saint-Exupéry
1900-1944, French writer and pilot*

Dear partners,
companions, associates and friends,

Sachsen Wasser GmbH (SaWa) is celebrating its **25th anniversary** this year. Founded in September 2000 as a subsidiary of Kommunale Wasserwerke Leipzig GmbH, the company has developed into an independent, successful player in the water sector.

Over the past 25 years, SaWa has specialized in international knowledge transfer in the field of drinking water supply and wastewater disposal. With an impressive reach, the company has passed on its know-how for efficient and sustainable water management to partners in more **than 50 countries** worldwide. This global presence is testament to the high level of expertise and trust that SaWa receives internationally.

The commitment of SaWa to develop cooperation deserves particular emphasis. Through its work, the company makes a significant contribution to **improving municipal infrastructure**, increasing people's quality of life and making an important contribution to protecting the precious resource of water for future generations.

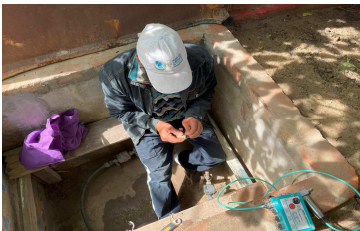
The company's ability to collaborate with a **diverse range of partners**, including supply and disposal companies, associations, ministries, operators of water management systems, as well as financing, funding and educational institutions, is a testament to its versatility and holistic approach. With its headquarters in Leipzig, SaWa has established itself as a leading specialist consulting company, focusing on the areas of water supply and wastewater treatment. The company's core competencies include consulting, plant operation and management, making it an important player in the sector.

SaWa's expertise is in high demand all around the world, as their track record of projects in the global water sector clearly demonstrates. The strength of SaWa lies in its comprehensive **range of services**. From the operational optimization of water management systems to the institutional strengthening of suppliers and waste disposal companies to the introduction of energy management systems and the reduction of water losses. In short, the company covers all important aspects of modern water management. The commitment to **capacity building** and training is particularly noteworthy. The customized training programs, which are offered both in Leipzig and on site, make a significant contribution to professionalization and increased efficiency in the water management.

25-year success story of SaWa is proof of the company's innovative strength and commitment to sustainable water management. With its international orientation and broad range of services, SaWa has made a **remarkable impact**, enhancing water supplies and wastewater disposal in numerous regions worldwide. The company has also played a pivotal role in propelling Saxony and Germany to the forefront of water technology and management.

As SaWa celebrates this momentous milestone, SaWa eagerly anticipate the company's continued success and contributions to the global water sector in the years to come. SaWa is excited to see what the future holds for the company and our continued efforts in making the most precious resource, **water**, sustainable and efficient. Looking forward to tackling future projects and new challenges together

Dr. Jürgen Wummel and team



OUR PROJECTS * OUR TOPICS (selection)

**ETHIOPIA, SUDAN,
SOMALIA**

UNICEF:

R-WASH Programme:
Capacity Building and
Support for Water Utility
Companies in Somalia,
Ethiopia and Sudan

The R-WASH Programme strengthens water utilities in Ethiopia, Sudan and Somalia.

Ethiopia

In Ethiopia, where SaWa supports utility establishment in Kabribeya and Awbare, the recruitment of General Managers for the utilities has been completed, with the recruitment of remaining staff set to follow. Furthermore, Key Performance Indicators (KPIs) for monitoring staff performance and job descriptions have been formalized. The financial and commercial software designed to improve efficiency, has been developed, while water quality testing toolkits and chemicals have been received. Necessary IT systems and equipment have also been supplied and installed.

Sudan

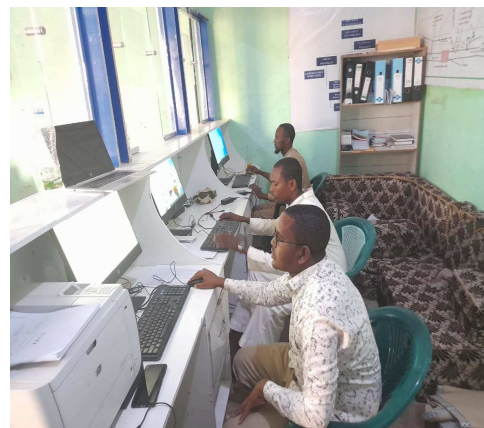
In Sudan, 19 of 21 staff training modules have been completed, benefiting approximately 119 trainees. Additionally, essential utility management tools have been prepared, including a Business Management Plan, a Tariff Model, and Stand-Alone Plans. A range of operation and maintenance tools, IT, and solar equipment has been delivered. Plans are also in place for staff coaching on Non-Revenue Water, Customer Relations Management, and other key areas.

Somalia

In Somalia, the financial and commercial software has been successfully installed and handed over to Doolow Water Management Company, where it is already in use. Furthermore, KPI monitoring has improved, and Laboratory training has been conducted, paving the way for the installation of mobile laboratory equipment in the coming weeks. Despite challenges such as aging infrastructure and high non-revenue water loss, key interventions and collaboration with internal and external stakeholders will help ensure sustainable water and sanitation services for the communities.

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Staff of Doolow Water Management Company using newly acquired computers with a freshly installed billing system.



LEBANON

WAMA Project

Consulting Services in Supervision of Wastewater Treatment Plants and Capacity Development

After 15 months of collaboration, SaWa successfully completed the Technical Assistance Project in Lebanon under the WAMA Lebanon Programme, implemented with Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH. SaWa is happy to have been at the service of the Lebanon's Water Establishments (WE) to enhance wastewater management despite a complex operating environment.

SaWa experts closely supervised WWTP operations, supported plant rehabilitation, and delivered nine training and coaching courses, equipping WE staff with essential skills. Trained staff have effectively applied their newly acquired skills on-site, leading to noticeable operational improvements.

SaWa experts also evaluated private operator contracts, developed a performance-based framework, and introduced an O&M cost analysis tool to improve financial planning and efficiency. Energy audits identified efficiency gaps and proposed cost-saving solutions.



Jeb Jenin Wastewater Treatment Plant

SaWa experts prepared a comprehensive Energy Efficiency Roadmap as a key step toward a more sustainable and energy-efficient wastewater sector in Lebanon.

The project concluded in December 2024, with a final workshop on January 28, 2025. SaWa extends its sincere appreciation to GIZ, the Water Establishments, our partner WEE Pros, every team member, and all stakeholders for their collaboration and dedication.

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NORTH MACEDONIA

Technical Audit

of WW collection & treatment systems in North Macedonia, preparation of documents for Supply of Water Equipment for Radovish, Kichevo, Strumica, Prilep, Berovo, Kumanovo, Bitola & Tetovo

SaWa started its second year of the contract "Technical Audit of WW collection and treatment systems in Northern Macedonia, preparation of documents for Supply of Water Equipment for Radovish, Kichevo, Strumica, Prilep, Berovo, Kumanovo, Bitola & Tetovo".

The scope of work includes three overarching areas:

- Examine a sample of urban wastewater systems that received IPA funding and see how they treat municipal wastewater and handle sewage sludge.
- Examine level of progress in addressing systemic issues that affect long-term sector sustainability on wastewater treatment infrastructure development assistance projects that are still at planning, or at procurement or at an early phase of implementation.
- Preparing a priority investment plan for improving the management of the urban wastewater system in eight selected agglomerations.



The implementation is well underway and significant number of deliverable were submitted and finalises. On this project SaWa partnered with SRP and Aqua-fluent (local partner). The finalisation is expected to be by October 2025.

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MOLDOVA

Călărași, Strășeni

Water Supply and Sanitation in Moldova Centre

In 2024, SaWa continued work in central Moldova for the water utilities of Călărași and Strășeni that are to be taking over responsibility as regional water operators with the completion of a Main Transmission Pipeline (MTP), ensuring higher quality water in the two *rayons* in future. Following the formal foundation of the Joint Stock Company (JSC) in Călărași in 2023, during 2024, also Strășeni arrived at this milestone, with the municipality and surrounding villages being shareholders of the JSC.

SaWa assisted in the preparation and conclusion of important Pre-Contracts between the national owner and the future operator of the MTP and between the operator and the two off-takers, i.e. Bulk Supply Contracts. SaWa also helps the JSCs and the municipalities in the conclusion of Delegated Contracts for water supply and wastewater.

In parallel, SaWa supported the two water companies in Călărași and Strășeni in various fields, including Business Procedures, O&M Concepts and Processes, Asset Management, Organisational Structure and HR Procedures at the transformed utilities, as well as NRW reduction.



Steering Committee Meeting of the Project, 2024

On the investment side, the Construction Contract for the MTP from Chisinau to the regional water supply systems in Călărași and Strășeni has been signed, and commencement is expected in early 2025.

Accompanying Measures Services under Phase 1 will be rendered until mid 2025, including continued Technical Assistance and also pending procurements on behalf of the utilities.

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MOLDOVA

Cahul

Detailed Design and Construction Supervision: Accompanying Measure for Water Supply and Sanitation

After five years, the Accompanying Measures Component on behalf of the Water Utility Apa Canal of Cahul (ACC) in Southern Moldova was terminated in June 2024. Three works contracts in and around Cahul are still ongoing, one for the rehabilitation and extension of water supply infrastructure and two regarding the wastewater facilities (sewer networks and the Wastewater Treatment Plant, WWTP).

SaWa experts continued to support ACC in several fields, e.g. in practical trainings with regard to the application of O&M and NRW / Leak Detection equipment, and in an inventory procedure, urgently needed for asset management purposes, and a pre-condition for determining so-called "concession fees" that could eventually be applied to fill up Development Funds e.g. for renewal / rehabilitation measures. Also, an Operational Concept for the new WWTP has been elaborated.



Coaching in Sewer Network Cleaning, 2024

Despite the bulk of the Accompanying Measures having been completed, limited support continues in the fields of procurement (meters, IT) and connections management.

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TANZANIA

Simiyu

Simiyu Climate Resilience
Project

The Simiyu Climate Resilience Project in Tanzania, in which SaWa is involved, is making good progress in its third year. It aims to improve water supply, sanitation and agricultural resilience in the semi-arid region between Lake Victoria and the Serengeti.

A key construction measure is the installation of a water pipeline from Lake Victoria with associated infrastructure. At the same time, experts from SaWa are supporting local institutions in capacity building to ensure the operation and maintenance of the new water systems.

Another focus is on improving energy efficiency. An assessment at pumping stations led to targeted training and recommendations for optimized operational performance. This contributes to cost efficiency and environmental sustainability.

A community-oriented approach remains central. Ongoing capacity building activities focus on institutional management, financial structures and technical maintenance. These trainings ensure that local communities are actively involved and develop the necessary skills.

The project aims to strengthen the climate resilience of 495,000 people and supports the Tanzanian government's goal of providing 90% of the population with sufficient water by 2025. The first phase runs until August 2025. SaWa remains committed to delivering sustainable solutions that enhance resilience against climate challenges and secure safe water access for communities.

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