



SAHA GLOBAL · Q4 2024

Quarterly Highlights Report

Reliable water service for
last-mile communities in
rural Ghana.

February 2025

sahaglobal.org

Saha concluded 2024 on a strong note, expanding access to clean water for 14 more communities and scaling our upgraded utility-style model to 20% of our service area. By extending accessible, professional, and reliable clean water services to more last-mile communities, we continue to make meaningful impacts on community health and women's economic livelihoods while ensuring our service delivery remains cost-effective without compromising impact. Our government partnerships deepened, culminating in 19 MOUs with Municipal and District Assemblies, as well as a Small-Town water service delivery agreement with the Gushiegu District Assembly, strengthening policy alignment for last-mile water service delivery.



Record-High Clean Water Consumption in 2024

In late 2024, we achieved our highest recorded clean water consumption across all Saha partner communities. This was due to scaling our model upgrades to a total of 90 water treatment centers, which increased clean water consumption by over 400% in these communities.



Enhanced Women's Livelihoods

To date, Saha has trained 1,288 women water entrepreneurs to manage water treatment centers. Of these, 378 women currently earn a stable monthly salary from Saha that enables them to achieve greater financial independence and support their families and communities. By transforming the burden of water collection into a source of economic opportunity, these women are leading local economic growth and improving overall well-being. By the end of 2025, all water entrepreneurs will be receiving monthly salaries from Saha.



Deepened Partnerships

We reinforced our collaborations with WASH partners and local government bodies, focusing on advocating for the needs of last-mile communities and showcasing the success of Saha's approach. We also built new strategic partnerships to improve our model and optimize operations, maximizing impact and strengthening the case for government adoption.

Delivery and results

Achieved Our Goal of Expanding the Utility-Style Model Across the Salaga Service Delivery Zone

As of February 14, 2025, Saha has successfully upgraded 130 water treatment centers in partner communities to our utility-style model. These utility-style centers are managed by 349 salaried women entrepreneurs who deliver consistent, reliable safe water services to 43,111 people. 70 of these water treatment centers are located in the Salaga Service Delivery Zone. 100% of water treatment centers in this zone now operate the utility-style model – our north-star goal for 2024. This allows Salaga to operate as the "future of Saha" in 2025, where we can streamline Service Delivery and implement new management techniques for serving these communities that focus on increasing efficiency by reducing the number of village visits by our team. Reducing the cost of Service Delivery is a key step towards moving to government as the doer or payer at scale.

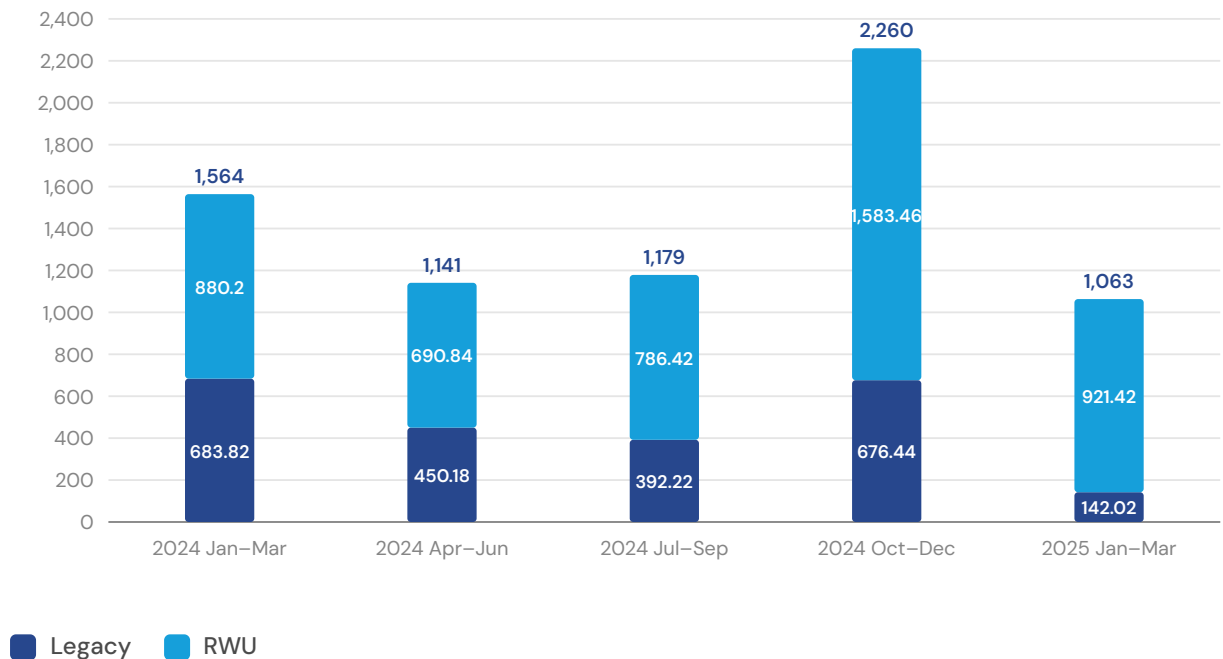
Currently, 37 communities, including 16 in the Salaga Zone, have access to Motorking water transportation services. This service eases the physical and time burden of water collection for both customers and entrepreneurs and is a major driver of the increase of clean water consumption when water sources are far from the village.

As mentioned earlier, in Q4 villages upgraded to the utility-style model, including these motoking villages, achieved >400% increase in water consumption compared to baseline, more than doubling our goal of a 200% increase and validating that the impact we achieved when we began the upgrades in 2023 can be replicated at a larger scale. We are excited to roll out our upgraded model in all 463 Saha partner communities in 2025, professionalizing the roles of more than 1,200 Saha entrepreneurs and making safe drinking water even more accessible for over 139,000 customers.

Upgraded Model, Upgraded Impact

The upgrading of our model has led to astronomical increases in water production in Saha's last-mile communities. The bar chart below compares water production (in cubic meters) between upgraded utility-style water treatment centers in orange and communities operating with our legacy model across each quarter of 2024, along with early 2025 data. As noted earlier, we gradually upgraded communities throughout 2024, hitting 20% of Saha communities by the end of the year. As this graph indicates, each quarter, the 20% of upgraded villages (or less earlier in the year), sold more water than then all of the legacy model communities combined.

Quarterly Water Production in Cubic Meters: RWU vs Legacy



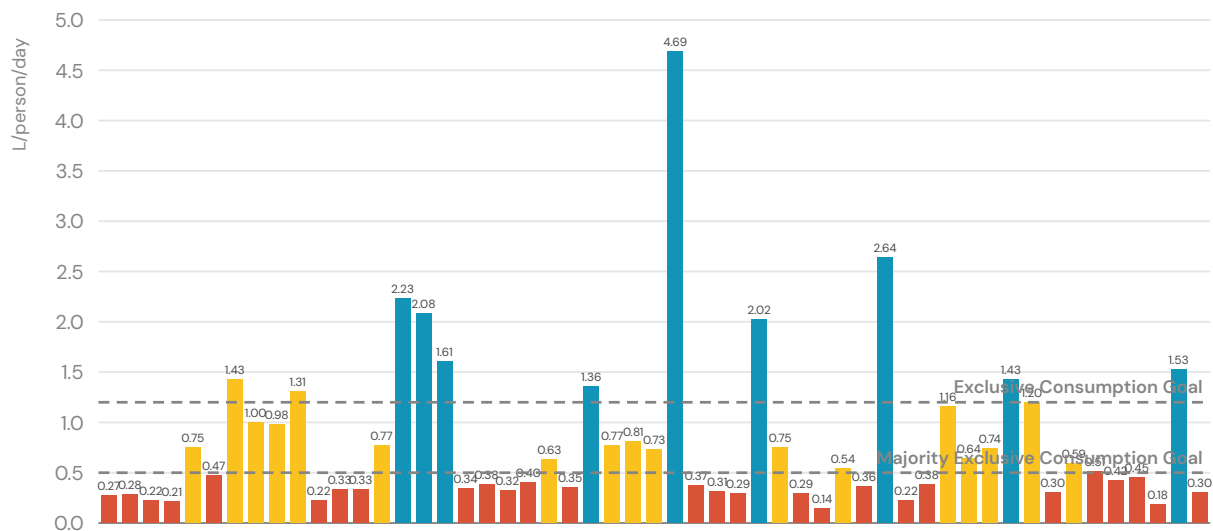
Rebuilt as a live chart from the original report graphic; early-2025 values (RWU 921.42 m³, Legacy 142.02 m³) as reported, earlier quarters approximate.

Early 2025 data already shows a huge jump in water produced, with RWU producing 921.42 cubic meters, while Legacy treatment centers, although significantly higher in number, only produced 142.02 cubic meters. This trend underscores the RWU model's success in enhancing reliability, efficiency, and scalability, making clean water more accessible to last-mile communities than ever before.

Data on average Q4 consumption showed 40% of upgraded villages are currently achieving majority, exclusive consumption (51% of the community drinking clean water exclusively) with 20% achieving exclusive consumption (the whole community drinking clean water exclusively - 1.2 L/P/D). We expect consumption to continue to increase in these communities based on improvements we've made in water transportation access, water pricing, and operator payments in Q1 of 2025. See below for progress towards exclusive consumption in all upgraded villages as of Q4 2024 (each bar represents a village).

Q4 Clean Water Consumption

Villages in the Salaga Service Delivery Zone with upgraded model · each bar represents a village

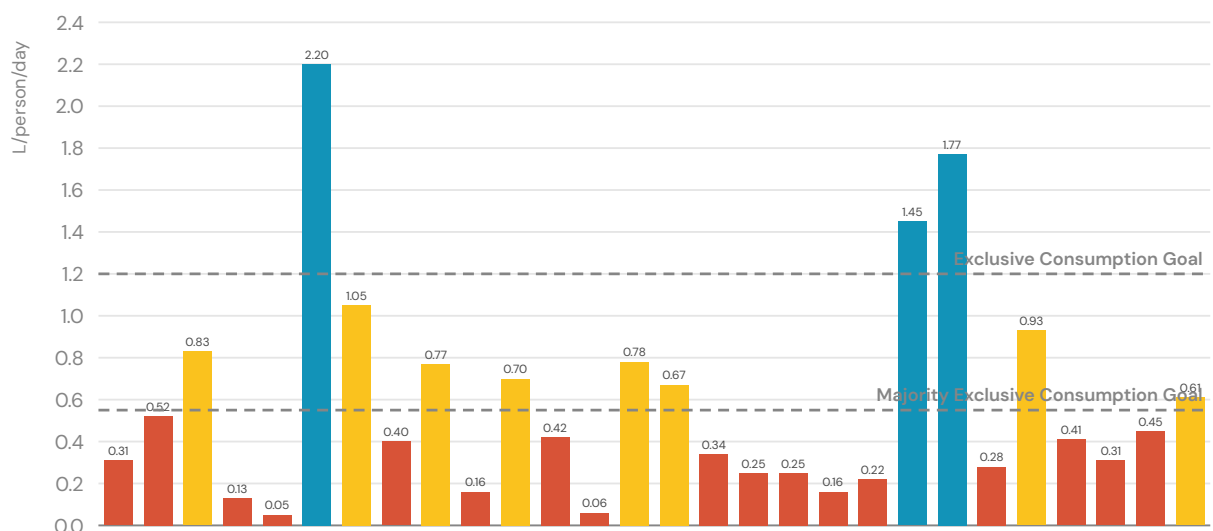


■ Entire community exclusively drinking clean water ■ Majority (51%) exclusively drinking clean water

Rebuilt as a live chart from the original report graphic; per-village values are approximate but reflect the reported distribution (40% majority-exclusive, 20% fully exclusive).

Q4 Clean Water Consumption

Villages in other Service Delivery Zones with upgraded model · each bar represents a village



■ Entire community exclusively drinking clean water ■ Majority (51%) exclusively drinking clean water

Rebuilt as a live chart from the original report graphic; per-village values are approximate.

Project and partnership updates

Government and Institutional Endorsements Highlighting Saha's Impact on WASH Improvements

"Given their track record of impactful interventions, we believe Saha Global is well-positioned to continue their work in this Municipality. We highly recommend Saha Global to any community or entity seeking sustainable solutions for clean drinking water. We are confident in their ability to deliver meaningful results and encourage partnerships with them."

— East Gonja Municipal Assembly



This recognition is reinforced by additional endorsements from the Council for Scientific and Industrial Research–Water Research Institute (CSIR–WRI), Sagnarigu Municipal Assembly, Nanton District Assembly, Asunafo North Municipal Assembly, and North Gonja District Assembly, highlighting Saha's significant contributions to improving WASH conditions. Our partners have testified to the effectiveness of expanded access to clean drinking water, hygiene promotion, and the rehabilitation of water sources, ensuring year-round water availability.

We are deeply honored to receive formal endorsement letters from our partners. Since our surface water treatment model is unique, and developed to serve the unique needs of last-mile communities without accessible groundwater, endorsements like these are a critical step towards working with the government at scale.

Collaboration with Local Government

Saha Global's 2024 End-of-Year Report to the Savannah Regional Coordinating Council (RCC) highlights its ongoing collaboration with the RCC to enhance sustainable water access across the Savannah Region. Operating in 156 communities across four districts, Saha rolled out utility-style upgrades to its water treatment centers in the Salaga zone, reducing water costs and improving service reliability. With the RCC's support, Saha plans to expand these upgrades across all districts in 2025, ensuring uniform access to affordable, safe drinking water.

Additionally, Saha participated in the WASH Master Planning engagement for North Gonja District, led by the National Development Planning Commission (NDPC) in collaboration with the North Gonja District Assembly and other stakeholders. This initiative is part of efforts to develop a holistic Savannah Regional WASH Master Plan, with future engagements planned for other districts. These collaborations strengthen local governance in water service delivery, aligning with regional development goals and reinforcing Saha's commitment to last-mile communities.

Dugout Rehabilitation and Expansion Project

Building on our successful expansion in Sinsina, we are extending our efforts to three additional communities in 2025. With the support of WaterHarvest and the Shockwave Foundation, we have already begun work in Tacpuli and Yakura, where our efforts will ensure a year-round water supply for 1,216 people, including women and children. We are set to begin expansion in a third community by the end of 2025. This initiative addresses the growing challenge of water shortages due to dugouts drying out during prolonged dry seasons, exacerbated by climate change.

We are collaborating with a local engineering firm and District Assemblies to improve the water retention capacity of these sources, ensuring year-round availability and solidifying community trust and local participation respectively. Drawing from our experience in Sinsina, we will also implement water resource management strategies, such as planting vegetation around the dugouts to minimize evaporation and erosion. These improvements will ensure the continuous operation of the water treatment centers, providing safe and affordable drinking water to these three communities throughout the year.

New Water Sensors from Charity: Water

In line with our commitment to leveraging innovative, scalable, and cost-effective solutions, Saha has partnered with Charity: Water to install 20 new water sensors in communities where we are rehabbing and managing boreholes, providing real-time data to enhance service delivery and operational efficiency. These sensors will enable us to detect potential service disruptions more swiftly and provide more precise maintenance scheduling, reducing unnecessary visits and ensuring more consistent and reliable water access for the communities we serve. They will replace the water meters donated by Magenta, which played a crucial role in uptime and downtime reporting and potential future government subsidy verification. Saha will evaluate the new sensors, offering feedback to Charity: Water on their performance and potential for wider application.

Organizational updates

Formation of Climate Resiliency Team

In February 2025, with support from the Shockwave Foundation, we launched Saha's Climate Resiliency Team, composed of 12 Saha staff members who will lead our strategic efforts in climate resilience and mitigation.

This team will develop a long-term climate resilience strategy, assess Saha's strengths and weaknesses in climate adaptation, and set 5–10-year resilience goals. Through these proactive approaches, the team will help communities better withstand the impacts of climate change and ensure continuous access to clean water. The ultimate objective is to ensure all partner communities have year-round access to safe water, mitigating the impacts of water-related climate change and securing reliable water sources for the future.

Renewed Catalytic Partnerships

In December, Saha renewed our partnerships with the Osprey Foundation, Shockwave Foundation, and The Adventure Project. The Osprey Foundation's continued support will significantly bolster Saha's WASH strengthening efforts, particularly by expanding our Advocacy and Communications Team, enhancing policy engagement, and building the capacity of our government partners to demonstrate the impact of our work. Our collaboration with the Shockwave Foundation will advance Saha's initiatives in tackling the increasing water challenges posed by climate change. Lastly, The Adventure Project will support the rehabilitation of broken boreholes and the expansion of our service delivery to serve communities with accessible

groundwater. We are deeply grateful for our partners' ongoing commitment to advancing our mission of providing sustainable clean water access to every last-mile community in Ghana and their confidence in the long-term, positive impact we will achieve together.

We sincerely thank our partners, whose unwavering trust and support made Saha's success in achieving our 2024 impact goals possible. Together, we are providing safe water services to over 139,000 people across 467 rural communities. As we move into 2025, Saha remains committed to scaling our model and delivering the most reliable, accessible, and cost-effective clean water services to Ghana's last-mile communities, regardless of the water source. We will continue to build strong relationships with local leadership to drive community-led solutions and maximize our impact on health and well-being of women, and families. Thank you once again for being an integral part of this journey.