

## SAHARA INDUSTRY RECENT UPDATES AND MILESTONES

As we step into the new year, Sahara Industry reaffirms its commitment to innovation, quality, and sustainable water solutions. Building on strong execution across drinking water, wastewater treatment, and industrial water projects, the company continues to strengthen its product portfolio with advanced, certified technologies. With a focus on efficient engineering, reliable manufacturing, and responsive after-sales support, Sahara Industry looks forward to expanding its footprint, deepening customer partnerships, and contributing meaningfully to India's water security and infrastructure growth.

### TOP NEWS

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**SAHARA  
INDUSTRY**

**MOST  
IMPACTFUL  
BUSINESS  
LEADERS  
TO KNOW  
IN 2025**

**MOHAMMED  
Abdul Rahman**

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## LET'S MOVE FORWARD. LEAD STRONGER.

As we step into the 2026, I want to take a moment to reflect on what we have accomplished together and more importantly, to look ahead at the extraordinary opportunities that await us in this year.

Sahara Industry has built its reputation on unwavering commitment to quality, innovation, and customer satisfaction. What began as a vision to serve our domestic market has evolved into a manufacturing excellence and operational integrity. Each product we have delivered, every relationship we have nurtured, and all the milestones we have achieved reflect the dedication and expertise of our exceptional teamwork.

### Vision 2026: Taking Sahara Global

**Global Market Expansion:** Enter key international markets, build distributor partnerships, participate in global exhibitions, and strengthen export-ready systems.

**Scale Production:** Expand manufacturing capacity, upgrade technology, optimize operations, and achieve global quality certifications.

**Product Innovation:** Develop market-focused products, upgrade existing ranges to international standards, invest in R&D, and embed sustainability in design.

**Build Global Brand:** Position Sahara Industry globally, enhance digital visibility, engage international stakeholders, and showcase capabilities worldwide.

**Strengthen Our Foundation:** Develop globally skilled talent, reinforce supply chains, improve coordination systems, and nurture a culture of excellence and innovation.

### Let's Make History

2026 is not just another year, it's the year Sahara Industry becomes a global player. We have the capability, the quality, and most importantly, the team to make this happen.

To our employees: Your dedication built this foundation. Now let's build our global future together.

To our partners and customers: Thank you for your trust. We are committed to serving you better as we expand our reach.

The world is waiting for what Sahara Industry has to offer. Let's deliver.

**Wishing you success, growth, and fulfilment in 2026.**

With determination and optimism,

**Mohammed Abdul Rahman**  
Chief Executive Officer



## NO GROWTH WITHOUT WATER

Water is the lifeblood of economic and social development, yet the world is facing a serious water crisis. Every year, nearly \$260 billion is lost globally due to poor access to safe water and sanitation. By 2050, around 31% of global GDP (about \$70 trillion) is expected to be affected by high water stress, up sharply from 24% in 2010. This shows how quickly water scarcity is becoming an economic risk.

This crisis is not just about water shortages at home. Almost 4 billion people worldwide face severe water scarcity for at least one month every year. When water is scarce, industrial production slow down, agriculture produce less, and employment and incomes suffer.

**India reflects this challenge very clearly. Although India is home to 18% of the world's population, it has only 4% of global freshwater resources. Water stress poses a significant threat to India's economy, with projections suggesting potential GDP losses of 6% during 2030–2050 that could reach to as high as 14–24.7% by 2070.**



The impact is already visible: between 2017 and 2021, water shortages at thermal power plants led to a loss of 8.2 terawatt-hours of electricity, enough to power about 1.5 million Indian households for five years. Along with countries like Mexico, Egypt, and Turkey, India will account for more than half of the global GDP exposed to water stress by 2050.

The way forward is clear and urgent. India and the world must invest in better water infrastructure, adopt integrated water management, and promote efficient use and conservation. Importantly, every ₹1 invested in water delivers nearly four times the economic return. Without timely action, water scarcity will not just slow growth, it could push economies backwards.

Sahara Industry is introducing stainless steel (SS) storage tanks manufactured in accordance with international standards, designed for hygienic water storage and chemical storage applications, further strengthening our product portfolio and commitment to quality, safety, and reliability.



## THE RECOGNITION

### Most Impactful Business Leaders to Know in 2025 to our CEO

Our CEO, Mr. Mohammed Abdul Rahman, has been honoured with the **Certificate of Achievement** as one of the “**Most Impactful Business Leaders to Know in 2025**” by CIO Prime Magazine. This recognition reflects his visionary leadership and sustained efforts in driving innovation across India’s water sector.

Under his guidance, Sahara Industry has delivered impactful drinking water, wastewater, and industrial water treatment solutions, addressed critical water challenges, and advanced sustainable, technology-driven growth while setting high standards of excellence across the industry.

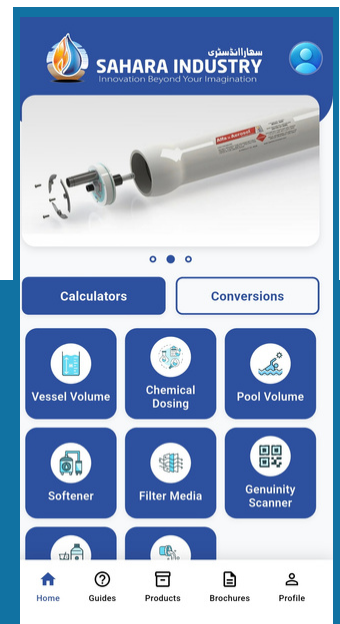


“Receiving this Certificate of Excellence is a moment of pride and gratitude. It reflects the collective efforts of our team, our commitment to innovation, and our responsibility to create sustainable solutions that make a meaningful impact.” ~ Mohammed Abdul Rahman

## SAHARA INDUSTRY UBUNTU:

### Knowledge Sharing Mobile App launched for Android and iOS Users

SAHARA INDUSTRY UBUNTU is a revolutionary mobile application designed to transform water management knowledge sharing across industrial and technical sectors. The app is freely available on Android and iOS, offering professionals, students, and enthusiasts easy access to advanced calculation tools and learning resources.



#### KEY FEATURES

- **Vessel Volume Calculator** – Precise volumetric calculations for industrial vessels
- **Chemical Dosage Calculator** – Accurate chemical dosing for water treatment applications
- **Swimming Pool Volume Calculator** – Complete pool sizing and chemical balance calculations
- **Softener Calculation Tool** – Water softening system optimization
- **Filter Media Calculator** – Filtration system design and media requirements
- **Genuinity Scanner** – Authentication tool specifically for Alfa Aerosol and droplet products
- **Super Charge Resin Calculator** – Ion exchange resin calculations and optimization
- **Vessel Flow Rate Calculator** – Hydraulic flow calculations for

#### Universal Conversion Tools:

The app includes comprehensive conversion utilities covering:

- Conductivity measurements
- Energy conversions
- Length and dimensional calculations
- Mass and weight conversions
- Power calculations
- Speed conversions
- Volume measurements
- Pressure conversions

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APP Store



Play Store

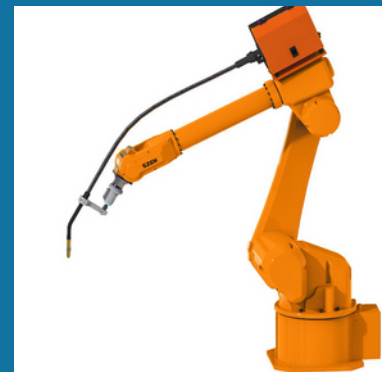
- **Free Access:** Complete functionality available at no cost to all users
- **Cross-Platform Compatibility:** Optimized for both Android and iOS devices
- **User-Friendly Interface:** Intuitive design for professionals and students alike
- **Regular Updates:** Continuous addition of new tools and features
- **Offline Capability:** Core functions available without internet connectivity

## INNOVATION IN MOTION – NEW MACHINERIES

Sahara Industry supports high-precision manufacturing through robust in-house fabrication capabilities. The company has invested in state-of-the-art machinery and advanced laser technologies, ensuring superior accuracy, consistent quality, and efficient production to meet demanding engineering and water treatment requirements. The following new high-tech machines have been installed in our production facilities.

- **6 kW Fiber Laser Cutting Machine** – Enables high-speed, high-accuracy cutting of MS, SS, and alloy materials with clean edges and minimal material wastage.
- **360-Degree Robotic Welding System** – Ensures seamless and uniform weld joints, superior quality, improved consistency, and enhanced manufacturing efficiency.
- **Laser Marking & Engraving Machines** – Provide permanent part identification, branding, and traceability with high clarity and durability.
- **Advanced Laser Welding Machine** – Designed for high-precision welding of SS, brass, aluminium, and MS, delivering strong, clean, and consistent weld quality.
- **VMC (Vertical Machining Centre)** – Facilitates precision milling, drilling, and complex component machining with high accuracy and excellent surface finish.
- **CNC Turning & Machining Machines** – Support high-accuracy turning operations and repeatable production, ensuring dimensional consistency across batches.

Together, these advanced machines strengthen our manufacturing capabilities, improve quality control, and enable efficient, scalable production.



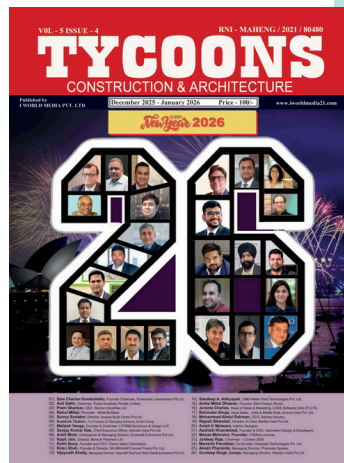
# MAKING HEADLINES: SAHARA INDUSTRY IN THE SPOTLIGHT

Sahara Industry continues to draw strong attention from prominent industry publications, reflecting its growing influence in the water treatment sector. These media features highlight the company's commitment to advancing sustainable practices and delivering innovative solutions that ensure clean, safe, and reliable water for people and industries.

## Key Media Features:

Since its inception nearly two decades ago, Sahara Industry has remained committed to making water safe, accessible, and reliable for drinking, industrial, and institutional use.

The **Tycoon Construction & Architecture** magazine in its Dec 2025-Jan 2026 issue features a detailed profile of our company titled "Sahara Industry: Engineering the Future of Water." The publication also has our CEO's photograph on the cover among the selected 26 industry leaders.



### INNOVATIONS IN WASTEWATER TREATMENT

## WATER REUSE: NECESSITY FOR A SUSTAINABLE FUTURE

By Abdul Rahman Momommed, CEO, Sahara Industry

India, with nearly 35% of global population and just 4% of water resources is experiencing severe water crisis, driven by population growth, rapid urbanization, climate variability, increasing pollution, and declining freshwater resources. Over-extraction of groundwater, inefficient irrigation practices, and uneven rainfall further intensify the challenges, placing several regions of the country in high to extreme water stress. The UN-Arjic, six years ago reported that over 600 million people facing severe water stress that must have been increased.

At the same time, India's expanding urban and industrial footprint is generating vast volumes of wastewater. Urban India produces over ~25,000 MGD (million liters per day) of municipal wastewater, but only about 30-35% is treated, while the remains further contaminates surface water bodies like rivers, lakes, and even the groundwater sources. The gap is even wider in peripheral and rural areas. Untreated wastewater poses serious public-health risks, damages ecosystems, increases treatment costs for drinking water, and contributes to water scarcity by preventing reuse.

In the green scenario, sustainable water management demands a comprehensive approach, embracing treatment, resource-recovering, sewerage networks, leveraging decentralized and smart treatment technologies, promoting reuse in agriculture and industry, and enforcing robust regulatory frameworks. Harnessing wastewater as a resource through recycling, circular water systems, and energy-efficient treatment solutions, is essential to strengthening water security and supporting India's long-term socio-economic growth.

#### Water Reuse

Water reuse is no longer optional; it is an urgent necessity in India. Population growth, urbanization trends, industrial expansion, and climate vulnerability are putting unprecedented pressure on traditional water sources. To secure long-term water availability and environmental resilience, water reuse must become a core pillar of our water management strategy.

Today, over 40% of India's population faces water stress, with 200 million more than half of the country's 1.7 billion in urban areas. Strong, treated wastewater is a reliable, climate-resilient alternative to not reducing stress on rivers, lakes, and groundwater.

Sahara Industry is delivering advanced and efficient industrial waste treatment and reuse systems to recover high-quality water and significantly cut consumption and discharge, helping with cost and energy while supporting environmental sustainability.

Water reuse brings multiple benefits. It is a efficiency practice equipping industries with cost-effective and consistent water, helping them proactively preparing themselves for policies, incentives, and standards.

#### Water Reuse is Critical for Augmenting this

1. **Water scarcity:** Many regions in India still draw from droughts, groundwater or erratic rainfall. Reuse provides an alternative freshwater demand.
2. **Urbanization & population growth:** With population and increasing share of urban



India is facing an unprecedented water scarcity as rising demand, rapid urbanization, and growing industrial activity put immense pressure on our freshwater resources. An article, "Water Reuse: Necessity for a Sustainable Future," by Mohammed Abdul Rahman, CEO of Sahara Industry is published in the October 2025 issue of **Everything About Water**.

By treating and recycling wastewater, we can ease the stress on rivers and groundwater, support agriculture and industries, and ensure that future generations have access to clean, reliable water.



# MAKING HEADLINES: SAHARA INDUSTRY IN THE SPOTLIGHT



The September edition of **CIO Prime** Magazine features an exclusive cover story on our CEO, Mr. Mohammed Abdul Rahman, recognizing him among the Most Impactful Business Leaders to Know in 2025. His forward-looking leadership and innovative strategies have not only been highlighted in the story but have also propelled Sahara Industry to a leading position in the water treatment sector, setting new benchmarks for excellence and sustainability.



The interview of our CEO, Mr. Mohammed Abdul Rahman, is featured in the Silver Jubilee 25th Anniversary special issue of **Everything About Water** magazine. It highlights his inspiring journey into the water sector, the innovative water treatment solutions being developed by Sahara Industry, and how a strong focus on research, development, and customer feedback is driving the next wave of technological advancements.

**DRIVING WATER INNOVATION**

**INTERVIEW WITH ABUL RAHMAN MOHAMMED**



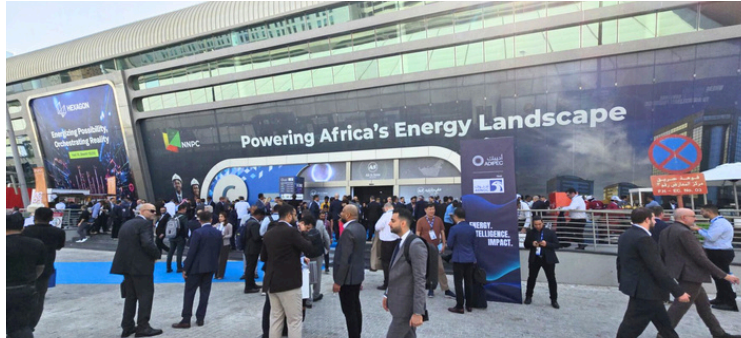
Mr. Rahman shares his vision for the future of the water sector, emphasizing the need for sustainable and innovative solutions. He discusses the challenges of water scarcity and the role of technology in addressing these issues. He also highlights the importance of customer feedback in driving innovation and improving service quality.

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## GLIMPSES FROM WATER EXPOSITIONS

Sahara Industry team led by our CEO have attended different national and international water expositions and had meaningful interactions, innovative technologies, and shared insights, reflecting the collective commitment of industry stakeholders toward sustainable and future-ready water solutions.



### Key Expositions:

Abu Dhabi International Petroleum Exhibition & Conference (AIPDEC) 2025, Abu Dhabi

Water, Energy, Technology and Environment Exhibition (WETEX) 2025, Dubai

IFAT India, Mumbai



# REVOLUTIONIZING WATER TREATMENT



Every move we make is driven by our vision to blend engineering excellence with intelligent manufacturing. At Sahara Industry, innovation is not just a goal — it's a culture.



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