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COVER STORY



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**Water Treatment
Innovation and
Leadership:
Mohammed
Abdul Rahman,
CEO of Sahara
Industry**

Discover insights from Mohammed Abdul Rahman, CEO of Sahara Industry, on India's changing water treatment industry. Understand trends in water management, the impact of digitalization, and the role of modern technology in addressing water challenges. Learn about Sahara Industry's innovations, sustainable solutions, and Abdul Rahman's journey in steering his company to the forefront of water treatment solutions in India.

Population and growth rate in India are accelerating rapidly regarding urbanization and industrialization. In relation to addressing these issues, there exists a great requirement for innovative visionary leadership on water management. One such visionary leader in water management practice is the CEO of Sahara Industry Mohammed Abdul Rahman. From being an accomplished entrepreneur to the CEO of one of the pioneering water and wastewater treatment companies, he personifies dedication, innovation, and a deep-rooted commitment to ensuring access to clean, safe water for communities and industries alike.

Understanding the Water Industry Landscape in India

India has a population of more than 1.4 billion, and this places a gargantuan demand for water. The country will require around 843 BCM of water by 2025 and 1,180 BCM by 2050. Its average

annual availability of water resources is as high as 1,126 BCM. At such a scale, according to Rahman, solutions to India's water problems can only be innovative and include robust infrastructure to ensure an assured future.

India's water industry has seen quite a few emerging trends—from innovative treatment technologies to water conservation and wastewater reuse to digital monitoring. Sahara Industry, under the dynamic leadership of Rahman, devised an important tool to be met with advanced treatment solutions and the latest technologies specifically tailored to meet India's needs of clean and safe water.

Mohammed Abdul Rahman: A Story of Vision and Leadership

It was Sahara Industry's rise to the top under the ablest leadership of Mohammed Abdul Rahman, an epitome of great technical acumen combined with strategic foresight that also shows a commitment towards environmental sustainability. The management education Rahman received along with his family business has given him a solid foundation for water treatment business. He pursued an MBA that culminated into the acquisition of financial management, risk analysis, and investment analysis skills that he later practiced by running Sahara Industry, one of the most admired companies in water treatment sectors.



Rahman has spent most of his years gaining hands-on experience for himself within family-owned organizations that were developing various schemes related to water management. This was a very critical time and gave him an avenue to immerse himself into water treatment management and other leadership qualities that would in the future make him be the CEO.

In the year 2011, Rahman joined the young Sahara Industry that had been born by great vision and commitment to innovation. After all the hard work, brilliant ideas, and sharp understanding of the market, he reached the pinnacle of the corporate world that finally put him in a position of mentorship to the company. He has been steering it to channel all its energies solely toward the sustainable water management with a watchful eye on the new technology adaptation.

Sahara Industry-Innovating Water Treatment Solutions in India

Established to offer clean and readily available water, Sahara Industry has provided service to people for the last twenty years by designing solution for water and wastewater treatment. Its vision is quoted by Rahman as: "ensure universal access to clean and affordable water for every individual, community and industry." Sahara Industry management & its hundreds of employees and associates continues focusing on giving solutions towards making India better with regards to water management with technological improvement merged with a market-oriented approach.

Sahara Industry Specialize in making pure drinking and ultra-pure water in any industrial applications other than common purification schemes for water use. Rahman helped the organisation become a trusted business entity in the domestic/international marketplaces. Among other big projects of water treatment contracts to industrial and institutional customers, important success stories include collaborative work with international solution providers to bring in the Indian market the best water treatment equipment and chemicals.



Digital Transformation and Research Based Approach

Sahara Industry focuses on using technological and research analysis for creating better water management solutions and practices. With regards to the management of water resources, digitalization provides better insights for effective management. Sahara Industry utilizes modern technological solutions and advance sensors for real-time monitoring of the water quality, treatment process, consumption, and infrastructure's performance.

The research based product development approach helps in customised solutions while also support in detecting potential issues during the service period, leading to reduced maintenance needs and increased operational longevity.



In addition, Sahara Industry's data-driven insights enable end-users to track water quality, consumption patterns, anticipate demand fluctuations, and optimize resource allocation, significantly contributing to sustainable and efficient water use.

Such innovations reinforce Sahara Industry's commitment to addressing the pressing challenges of water contamination and quality in India, making it a leader in the development of advanced water solutions for domestic, institutional and industrial consumers.

Latest Developments in Water Treatments and Sustainability

The emphasis of Sahara Industry on innovative and sustainable products manifests in its substantial investments in R&D. With dedicated research team comprising subject experts and engineers, their developments include high capacity membrane filtration systems, robust FRP pressure vessels, membrane housing as well as intelligent monitoring and control solutions that also put it in a leadership position in terms of supplying efficient, effective and sustainable water treatment solutions according to global standards.

Rahman has also emphasized the importance of sustainable environmental stewardship. Sahara Industry has started working towards becoming carbon-neutral and investing in water harvesting at all its ventures. As the demand for ecological friendly process implementation in water management increases and the catastrophic effects of climate changes loom before India, it is promising that Rahman has always focused on sustainability.

Navigating the Policy Terrain of India: Government Policies and Support

Government of India took up Jal Jeevan Mission, National River Interlinking Project, and Atal Bhujal Yojana for improving water infrastructure development. The plan envisages better access to water, enhanced rejuvenation of urban water resources, and overall better groundwater management. The management of water is a sensitive issue that the government smoothed down with policies. Such initiatives, has been appreciated by Rahman as his company has helped in establishing the foundation of localised water treatment solution to achieve resilient improvement in the management of India's water resource.

However, he is also looking forward to the changes in the regulatory framework on water use, treatment, and recycling. Under good policies and a collaborative industry, Rahman looks forward to a positive vision: sustainability and social equity of India's water resources.

Long-term vision:

Our company is dedicated to shaping a water-secure future by integrating advanced technologies with environmentally conscious practices. Through our holistic approach to water treatment and management – minimizing discharge, improving quality, and promoting awareness – Sahara Industry is playing a crucial role in addressing one of the most pressing environmental challenges of our time.

At Sahara Industry, we are more than a water treatment provider – we are partners in securing a sustainable and prosperous future. By promoting responsible water use, conservation, and advanced treatment technologies, we contribute to a healthier environment and resilient communities, ensuring that water resources remain viable for generations to come.

The hope that this future is sustainable through innovation, digitalization, and policy support drives the mission of Rahman about water resources in India.

His approach towards Sahara Industry reflects bringing about change with not only quality water treatment solutions but also an increased awareness towards conserving water and using it responsibly. His work reflected water sustainability as something to be held together among the industries, communities, and government.

The company, Sahara Industry, under his guidance and leadership, will continue to lead sustainability in water treatment with environmental stewardship which has a future of clean and safe water being accessible, affordable, and sustainably practices managed. This is a great need of entrepreneurs and visionaries as they come forward with issues strategically placed in their Environmental and Corporate Policies.

Being a visionary leadership, with technological innovativeness, and embracing sustainability, Abdul Rahman took over the helm of Sahara



Industry and transformed it along with the water treatment industry. Currently, the CEO, Abdul Rahman is strongly positioned as the market leader across the board in the Indian and global markets for overcoming critical water pollution challenges. Using Rahman's approach-from public and private co-operations; digitalizations that are at large; conducting R&D along with incorporating environmental responsibility-his business not only impacts society with its effectiveness but also works towards saving the precious resources and ultimately the Mother Earth.

Under the leadership of Abdul Rahman, Sahara Industry adheres strictly to quality, environmental, and regulatory compliance, enabling it to execute projects across all industry verticals. The company's innovative, customized solutions are widely recognized and appreciated by clients for their reliability, durability, and tailored approach to meeting specific needs. Driven by a conscious and client-focused strategy, Abdul Rahman has transformed Sahara Industry into a market-oriented organization committed to delivering high-quality products and outstanding service standards.

Trusted Leader in Water Solutions

Abdul Rahman's innovative leadership is a source of inspiration for his team and associates globally. He is an industry champion representing water treatment sector in industries associations. His valuable contributions towards the development of water treatment have been recognized with several prestigious awards and accolades including water leadership and transformational business leader awards.

With a dedication to both excellence and sustainability, he and his company remains committed to driving forward with its mission to provide trusted solutions that not only meet customer expectations but also contribute to a healthier, more sustainable future for all.

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**MOHAMMED
ABDUL RAHMAN**

CEO

SAHARA INDUSTRY