



# **AquaEnergy** **Expo** *Middle East & Africa*

The International Exhibition for Water Treatment &  
Renewable Energy Technologies & Solutions

**14-16 SEPTEMBER 2026**

Cairo International Convention & Exhibition Center-CICC



[www.Aquaenergyexpomea.com](http://www.Aquaenergyexpomea.com)



## The Middle East and Africa... A Truly Promising Market

Across the Middle East and Africa, the water industry is emerging as a major market, fueled by severe water stress, rapid urbanization, and industrial growth. Market-research reports estimate that the MEA water and wastewater treatment market will reach USD 44.5 billion by 2030, growing at a compound annual growth rate (CAGR) of about 4.1%.

the broader MEA water and waste-management market (including infrastructure, reuse, and treatment) is projected to grow from USD 75 billion in 2025 to USD 106.7 billion by 2033, according to verified market data.

One of the most compelling segments is desalination, where MEA demand is particularly strong. The MEA water desalination plant-equipment market is expected to grow from around USD 20.6 billion in 2024 to USD 35.9 billion by 2030, at a CAGR of nearly 9.8%.

The treatment systems market (i.e., systems for water purification, reuse, and wastewater) is rising steadily. According to growth-forecasts, the MEA water treatment systems market was estimated at USD 3.22 billion in 2025 and is projected to reach USD 7.46 billion by 2035, driven especially by scarcity, regulatory pressures, and greater adoption of energy-efficient technologies.

Egypt's renewable energy market is rapidly expanding as the country shifts from heavy reliance on fossil fuels toward a more sustainable power mix, driven by abundant solar irradiance, strong wind resources (especially around the Gulf of Suez), and proactive government targets to source up to 42% of electricity from renewable sources by 2030–2035. Major growth is seen in solar and wind projects, supported by large-scale initiatives.



## Unlocking Egypt's Water Future

Egypt is aggressively scaling up its water infrastructure to tackle growing water scarcity, population growth, and climate pressures. Under its National Water Resources Strategy 2017–2037, the government plans to invest roughly EGP 900 billion (around USD 55 billion) to expand water resources, including desalination and water recycling, improve water quality, and rationalize use.

One of the biggest growth pillars is desalination. Egypt is targeting a huge capacity build-out: by 2050, the goal is to reach 8.8 million m<sup>3</sup>/day of desalinated water, backed by an expected investment of USD 8 billion.

On the wastewater treatment and reuse front, Egypt's ambition is equally strong. The "Egypt 2030 Shared Water Reuse Strategy" projects that by 2030, about 11 billion m<sup>3</sup>/year of treated wastewater could be collected and reused, yielding around 9 billion m<sup>3</sup>/year of reusable water. According to the trade-government guide, Egypt currently produces about 16.4 billion m<sup>3</sup> of wastewater per year (municipal and agricultural), which represents a major feedstock for reuse.

There are major flagship infrastructure efforts underway: according to recent reporting, 612 wastewater treatment plants have been completed (design capacity ~18.9 million m<sup>3</sup>/day), 183 are under construction, and 127 more are planned through 2030.



## Expanding Horizons: Where Global Suppliers Connect with MEA Water & Energy Demand

The water and energy industries in the Middle East and Africa are among the most active and investment-driven in the world from massive desalination projects to advanced water-treatment technologies and renewable-energy infrastructure.

AQUA ENERGY EXPO gives exhibitors direct access to key buyers, government representatives, EPC contractors, utilities, and distributors operating across these opportunity-rich markets.

Exhibiting at AQUA ENERGY EXPO means instant exposure to buyers from Egypt's robust energy and water sectors from leading manufacturers and industrial plants to municipalities, developers and engineering firms searching for reliable products, solutions and partnerships.

Whether your business leads in desalination systems, smart-water technologies, wastewater treatment, pumping solutions, renewable-energy systems or industrial power applications this exhibition is the right place to demonstrate your capabilities. Exhibitors benefit from a highly targeted business environment where new deals are negotiated and partnerships are formed on-site.

Alongside the exhibition, AQUA ENERGY EXPO features a rich agenda of seminars, industry forums and technical conferences. These sessions connect exhibitors with policy makers, consultants, and sector specialists to explore regulatory changes, emerging technologies, investment frameworks and future project pipelines turning insights into actionable opportunities.

The first edition delivered impressive outcomes strong visitor turnout, active networking, technology demonstrations, and commercially valuable meetings that translated into real business. The momentum continues into this second edition, with expanded exhibitor space, increased participation from regional markets, and even more qualified trade visitors ready to engage.

# IMPORTANT FIGURES



**200+ EXHIBITORS**



**10,000 + VISITORS**



**90+ TECHNICAL SESSIONS**



**180+ SPEAKER EXPERTS**



**200+ TRADE BUYERS**



**8,000 M2 SPACE**



**AquaEnergy Expo**  
Middle East & Africa



# EXHIBIT PROFILE



## Water Treatment Technologies

- Primary, Secondary & Tertiary Treatment Systems
- Sedimentation tanks, clarifiers, dissolved air flotation units
- Biological treatment systems
- Tertiary treatment
- Membrane Technologies
- Reverse osmosis (RO) units
- Ultrafiltration (UF) & Nanofiltration (NF) systems
- Microfiltration (MF) membranes
- Electrodialysis (ED) and membrane bioreactors (MBR)
- Advanced Oxidation Processes (AOPs)
- Ozone generators
- UV/H<sub>2</sub>O<sub>2</sub> systems
- Fenton and photo-Fenton reactors
- Catalytic oxidation and plasma treatment units



## Desalination Solutions

- Thermal Desalination
- Multi-stage flash (MSF) distillation systems
- Multi-effect distillation (MED)
- Vapor compression desalination
- Membrane-Based Desalination
- Modular RO desalination plants
- Containerized/mobile RO systems
- Brine management and recovery systems
- Solar-Powered Desalination Systems
- PV-RO hybrid units
- Solar stills and concentrated solar thermal desalination
- Energy recovery devices for sustainable desalination

## Wastewater Treatment and Recycling

- Municipal & Industrial Wastewater Systems
- Sequencing batch reactors (SBR)
- Anaerobic digesters and biogas recovery systems
- Decentralized wastewater treatment plants
- Sludge Treatment & Disposal
- Sludge thickeners and dewatering equipment
- Thermal drying and incineration systems
- Sludge digestion and energy recovery
- Water Reuse Technologies
- Greywater and blackwater recycling
- Effluent polishing systems
- Treated effluent reuse for agriculture & industry



## Water Quality Monitoring & Control

- Sensors & Instruments
- pH, turbidity, TDS, BOD/COD, and DO meters
- Real-time water quality analyzers
- Online monitoring and SCADA systems
- Automation & Control Systems
- PLCs, HMIs, IoT-enabled devices
- AI-driven predictive maintenance tools
- Smart metering and leak detection systems
- Lab & Field Testing Equipment
- Portable water testing kits
- Laboratory-grade water analyzers
- Remote sensing and telemetry devices

## Pipes, Pumps, Valves & Components

- Pumps & Mixers
- Centrifugal, submersible, positive displacement pumps
- Chemical dosing pumps and mixers
- Energy-efficient and solar-powered pumping systems
- Valves, Fittings & Flow Control
- Gate, butterfly, check, pressure-reducing valves
- Actuators and automation components
- Corrosion-resistant and high-pressure fittings
- Piping & Storage Solutions
- HDPE, PVC, GRP, and stainless-steel pipes
- Underground and above-ground water storage tanks
- Pressure vessels and expansion tanks



## Chemicals & Treatment Additives

- Coagulants & Flocculants
- Alum, PAC, ferric chloride
- Organic and synthetic flocculants
- Disinfection & Biocides
- Chlorine, ozone, UV, hydrogen peroxide
- On-site generation systems
- Anti-Scaling & Anti-Fouling Agents
- Biological and chemical fouling inhibitors
- Corrosion control chemicals

## Green & Decentralized Solutions

- Nature-Based Systems
- Constructed wetlands
- Bio-filtration units and green infrastructure
- Off-Grid & Mobile Systems
- Solar-powered water purification units
- Portable desalination systems
- Modular wastewater treatment



## Engineering, Services & Consultancy

- Design & EPC Services
- Engineering, procurement & construction firms
- Turnkey plant development
- Operation & Maintenance Providers
- Water utility operators
- Long-term service contracts (O&M, BOT/BOO)
- Consultancy & Capacity Building
- Feasibility studies and environmental impact assessments
- Training institutes and digital learning platforms



## Visitors' Profile

- Government Officials
- Urban Development Regulators
- Public Utilities Directors
- Urban planners
- Procurement Officers
- Manufacturing: food, cement, chemicals.
- Industrial Engineers Sustainability Officers
- Agriculture and Irrigation Companies
- Property Developers
- Utilities Infrastructure Specialists
- Public and Private Water Utilities
- Grid Operators
- EPC Contractors
- Energy Developers
- Desalination Plants Managers
- Wastewater Specialists
- Investors & Project Developers
- Green Infrastructure Developers
- Energy Funding Firms
- Smart City Developers
- Environmental and Water Consultants
- Engineering and Design Firms
- R&D Specialists
- R&D Technical Institutes
- Wholesalers/Distributors
- NGO's

# Advantages of Exhibiting at Aqua Energy Expo



Elevate your brand on a global stage



Unlock unparalleled business prospects



Secure lucrative deals and partnerships



Explore new heights of success



Stay ahead of competition



Explore new export horizons



Form partnerships and strategic alliances



Collect leads and contacts for potential sales

## Exclusive Benefits You Can't Get Elsewhere



- 300,000+ expert members in the Arab world's largest online water forum
- 220+ virtual and physical webinars and events with 20,000+ attendees worldwide
- A free digital knowledge hub with 13k resources
- A virtual expo with 1,220 companies from 195 countries, +16300 products and 10.2 Million views
- Monthly scientific magazine & active job platform
- Present your solutions to 20,000+ trade visitors
- Gain exposure to VIPs, ministries, investors, and industry leaders
- Participate in high-level conference on investment and 50+ technical sessions
- Explore investment opportunities across Egypt and the GCC

## Main Topics

- Orascom Water Experience
- The Role of Government and Institutions in Fostering Investment in Water Projects
- Energy Savings & Facility Management and Water Solutions Projects Moderator
- Exploring Investment Opportunities between Egypt & African Countries in Water and Energy Sectors
- The importance of standards & certifications in drinking water
- Membrane preparation and fabrication
- Fast Detection of Water and Environmental Pollution Using Cutting-Edge Laser Technology
- Challenges and difficulties facing water treatment companies and solutions to these challenges and difficulties

**FOR FULL AGENDA PLEASE VISIT THE OFFICIAL WEBSITE : [WWW.AQUAENERGYEXPOMEA.COM](http://WWW.AQUAENERGYEXPOMEA.COM)**



# SPECIAL FEATURE 50 SESSIONS

## WATER & ENERGY EXPERTS FORUM

### Main Topics

- 1.The Power of Bioaugmentation & Biomass Control
- 2.Challenges in the Home Water Filter Field under the Spotlight
- 3.Water Disinfection Using Chlorine Gas Injection Systems
- 4.Membrane Filter Applications – Basic & Maintenance
- 5.Wrong Beliefs in Salty Water Desalination with the Reverse Osmosis System
- 6.Egyptian National Water Security, Solutions, & Environmental Impact with the Relationship between Water & Energy
- 7.Hybrid Renewable Energy Systems Combining Multiple Renewable Sources for Efficiency Desalination
- 8.Solar-Powered Desalination: Advanced Technologies for Solar-Driven Water Purification
- 9.Definition of Green Hydrogen and Green Projects
- 10.El Nasr Casting Company - Industrial Leadership and Global Quality
- 11.Nanotechnology for Water Purification
- 12.Advanced Materials for Oil & Gas Water Treatment: Produced Water Solutions and Cutting-Edge Technologies
- 13.Comparison between Activated Carbon and Potassium Permanganate as a Methodology for Water Treatment in Water Treatment Plants
- 14.Energy Security and Risk Management in Energy Projects



# Promotion Campaign



## Media Campaigns

With over Three decades of experience in promoting a wide range of events in Egypt and looking after the media, we are planning to maximize event coverage for **Aqua Energy Expo** through extensive print & online media campaigns covering listings in both print and online directories, print advertising, online advertising, local press conferences and both print and online press releases.

## Online Presence

**Aqua Energy Expo** will be given added value through an online presence with promotions through the official website, digital channels, online communities, email shots and digital advertisements to ensure that audiences have every opportunity to attend the event.



## Radio Advertising

Strategic spots at select local stations will serve as an extra reminder for visitor audiences to get involved with **Aqua Energy Expo** as the unpatrolled event.



## Press Releases

Ensuring that key journalists are kept fully informed with this year's content, features and attractions at **Aqua Energy Expo** and making the news through a locally held press conference and schedule of press releases so as to keep the event in the mind of audiences and increase the show's visibility and awareness through announcements and updates.



## Mobile Marketing

Mobile marketing promotions aimed at industrial visitors will spread the word on **Aqua Energy Expo** keeping audiences up-to-date and fully aware on why **Aqua Energy Expo** is the preferred meeting point for the sector.

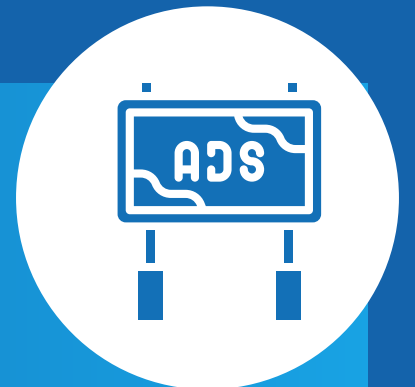
## Social Media

From daily show updates to sponsored posts, **Aqua Energy Expo** news via social media outlets will reach out to target visitors across all essential channels, reminding them of all that is new and featured at **Aqua Energy Expo** this year.



## Outdoor Promotion

The organizers will also ensure that the **Aqua Energy Expo** brand receives maximum exposure through outdoor campaigns including billboard displays in prime locations to ensure that visitors get every incentive to attend the event.



## Targeted Trade Invitations

20,000 targeted invitations will be sent out to trade delegates & related members of the Industrial community prior to the event, ensuring they 'save the dates' for **Aqua Energy Expo** and have adequate time to plan their visit in advance and arrange appointments for important discussions.

# SCENES FROM WATER TECHNOLOGY EXPERTS FORUM



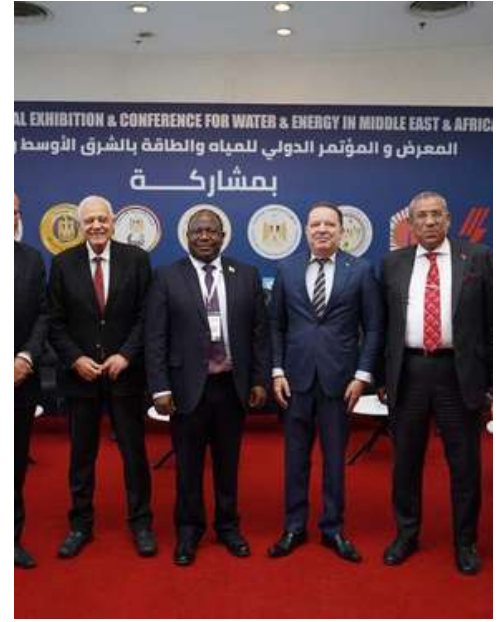
# SCENES FROM THE ARAB-AFRICAN CONFERENCE FOR INVESTMENT IN WATER AND ENERGY



# VIP GUESTS



# VIP GUESTS



# The Organizers

Water Technology Experts Company is a specialized Egyptian firm with headquarters in both Egypt and Saudi Arabia. It focuses on organizing exhibitions, conferences, workshops, training programs, and publishing industrial content, with a core emphasis on water, renewable energy, and sustainability.

The company has established itself as a leading force in the Arab region's water and energy sectors, with notable achievements including:

- Founding the first online forum for Arab water experts, now home to over 300,000 members and 120 specialized groups.
- Organizing over 220 events globally, attended by 20,000+ professionals and conducted by 120+ subject matter experts.
- Creating a massive open-access Knowledge Hub featuring more than 13,500 resources in water science and sustainability.
- Launching a job platform that lists over 850 regional opportunities in top international firms.
- Publishing a monthly English-language magazine covering global innovations in water and energy.
- Developing a Virtual Expo with 1,150 companies from 150 countries, showcasing over 15,000 technologies and attracting 4.7 million global views.
- Through these initiatives, the company fosters knowledge sharing, professional development, and business connectivity in the fields of water and energy.

## The Venue



Aqua Energy Expo will take place at the luxurious venue Cairo International Convention & Exhibition Center .

The deluxe venue is accredited as the paramount comprehensive exhibition center in Egypt; which is fully-equipped with all facilities including conference halls, huge car parking, unlimited floor loads, central air-conditioning and food & beverage outlets.

The prestigious Cairo International Convention & Exhibition Center is dedicated to first class conferences and exhibitions catering for the requisites of all organizers with top efficiency.

The venue enjoys an impressive artistic design that charms visitors and exhibitors from all over the world. It is also located in one of the most prominent areas in Egypt; Nasr City, near to several 5-star hotels, entertainment destinations and only minutes away from Cairo International Airport.

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## Aqua Energy Expo

Middle East & Africa Egypt

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Water & Gas 2020 Conference & Exhibition



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# **AquaEnergy** **Expo** *Middle East & Africa*

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