



The 20th International
Operations & Maintenance
in the Arab Countries

Under the theme of
**The Role of Maintenance in Sustainability
Environment and Clean Energy**

ANNOUNCEMENT BROCHURE

 **9 – 11 JANUARY 2023**

 Crowne Plaza Riyadh RDC Hotel & Convention, KSA



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20 YEARS

20 YEARS OF SUCCESS AND MUCH MORE.....

CONFERENCE OVERVIEW

Since its inaugural edition in 2002, the International Operations & Maintenance Conference in the Arab Countries (OMAINTEC) has continued to be the most important professional platform within the Arab region where experts, speakers, heads of companies, decision-makers, academics and specialists in the fields of operations and maintenance, facilities management and asset management meet to exchange experiences, enrich knowledge and showcase the latest technologies and developments within the field of operations and maintenance engineering worldwide.

Under the theme of "The Role of Maintenance in Sustainability, Environment and clean Energy", the upcoming edition of the conference will take place on January 09th to 11th 2023 in person format at the Crowne Plaza Riyadh Rdc Hotel & Convention, Kingdom of Saudi Arabia.

Speakers and workshop presenters will share their vision on the latest challenges within the operations and maintenance field, and will also discuss the latest global trends, innovations and develop new procedures and technologies within the field.





CONFERENCE TOPICS

The conference provides participants with a professional platform and a unique opportunity to:



The role of maintenance in sustaining clean energy sources



Development and sustainability policies enhancement to support production activities



The future of maintenance within the urban planning of green cities



Important maintenance applications & practices within clean energy systems



The role of smart maintenance in promoting clean energy management



The role of maintenance in reducing emissions and maintaining environmental safety measures



Clean energy systems operations and maintenance foundations



Preventive maintenance of renewable energy systems



Activating the role of maintenance in the transition to clean energy economies

CONFERENCE OBJECTIVES



The most recent effective international standards and methodologies applied within operations and maintenance.



New strategies and techniques to enhance and improve performance, reduce downtime and operational costs, increase efficiency and effectiveness while maintaining safety and fostering a distinct working environment.



Modern and effective ways to overcome problems by giving emphasis on the impact of digital transformation on institutions, equipment and systems.



International and regional case studies in the field of operations and maintenance.



TARGET AUDIENCE



- Operation Managers in Power, Electrical maintenance engineers, and Water Treatment Plants
- Operation Managers in Desalination Plants
- Experts in Digital Solutions and Computerized Management for Maintenance and Assets
- Decision Makers in Governmental and Private Entities
- Operations & Maintenance Engineers and Managers
- Managers and Engineers of Facilities and Asset Management
- General Safety Engineers in Governmental and Private Entities
- Asset and Facilities Management Consulting Firms
- Operations & Maintenance Project Managers
- Planning Engineers of Operational & Facilities Management in Governmental and Private Entities
- Operations & Maintenance Contract Managers
- Real Estate Developers
- Universities, Educational and Research Institutions
- Training and Human Resources Development Managers
- Field-related Non-Governmental Organizations
- Operations & Maintenance Site Engineers
- Maintenance Budget Managers in Governmental and Private Entities
- Operations & Maintenance Managers and Engineers within the Healthcare Sector



CONFERENCE FORUMS

01 ELECTRICAL SYSTEMS MAINTENANCE FORUM:

- The operations and maintenance of generation systems
- Clean energy solutions
- Energy efficiency and effectiveness improvement
- Renewable energy resources and the reliability of electrical systems efficiency
- Electricity transmission systems maintenance
- Electricity distribution systems maintenance
- Control systems maintenance
- Network grids and switches

02 WATER MANAGEMENT & SYSTEMS MAINTENANCE FORUM:

- Energy efficiency of desalination plants and environmental impact reduction
- Water desalination systems
- Water transportation networks, pumping stations and strategic tanks
- Sewage networks and treatment plants
- Pumping stations and water distribution networks

03 BUILDING MAINTENANCE & FACILITIES MANAGEMENT FORUM:

- Smart building applications and their contribution to environmental sustainability
- Clean energy uses in buildings and facilities management
- Cities, municipalities and gardens facilities management



04 ROADS & TRANSPORTATION SYSTEMS MAINTENANCE FORUM:

- International standards in clean energy applications within road maintenance
- Airports and paving systems
- Railways and trains
- Ports and storage system

05 BIOMEDICAL & CLINICAL ENGINEERING FORUM:

- The impact of COVID-19 on Biomedical engineering
- Global trends in Biomedical engineering
- Digital health and innovations in health technologies
- Successful regional and international experiences and practices within the field of biomedical engineering

06 COMMUNICATION SYSTEMS, SMART MAINTENANCE & CYBERSECURITY FORUM:

- Big data and its impact on energy efficiency
- Building information modeling
- The 4th industrial revolution and IOT
- Smart maintenance
- Artificial intelligence
- Cybersecurity

07 MAINTENANCE SYSTEMS & MANAGEMENT FORUM:

- Energy Storage Solutions and Systems
- Asset management
- Maintenance Auditing
- Safety
- Maintenance standards
- Key Performance Indicators (KPIs)
- Training and education
- Computerized management systems

THE ARAB AWARD PREVIOUS WINNERS

الفائزون بالجائزة العربية للتشغيل والصيانة





REGISTRATION FEES

3500 SAR

- Attending all sessions and workshop
- Attendance & workshop certificate
- Coffee & lunch break

ADMINISTRATION BUREAU

Arab Council of Operations & Maintenance



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