



Hosted By



Securing a resilient water future

Scan



19 – 23 April 2026



Oman Convention & Exhibition Center
Muscat – Sultanate of Oman

Under the Patronage of



Sultanate of Oman
Ministry of Agriculture, Fisheries
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لخدمات المياه
WATER SERVICES

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OWW 1st Edition

OWW 2024

No. of
Participants

Represented
Countries

No. of Exhibitors

No. of Speakers

No. Technical
Hours

1600+

25+

30+

65+

30+

OWW 2nd Edition

OWW 2025

No. of
Participants

Represented
Countries

No. of Exhibitors

No. of Speakers

No. Technical
Hours

4200+

70+

65+

145+

30+

OWW 2nd Edition

Event Programs

The Strategic
Program

The Municipal
Water
Program

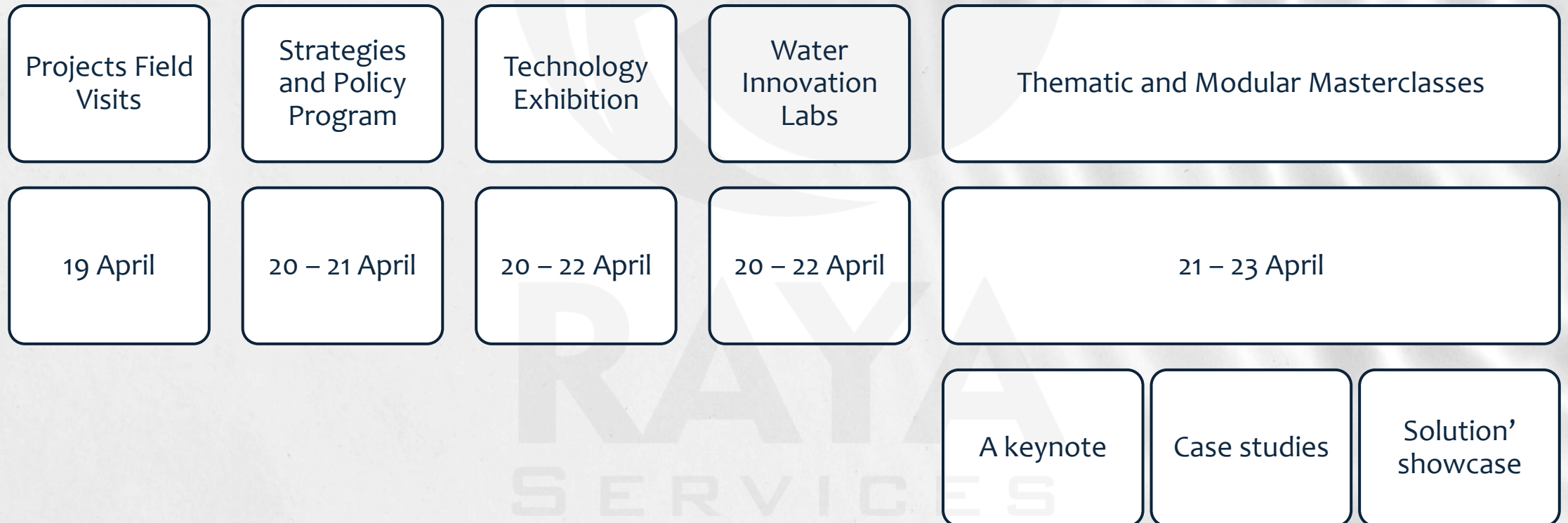
The Industrial
Water
Program

Water &
Hydrogen
Synergy
Workshop

Water Stage

Innovation
Hub

OWW 26 Structure



OWW 26 Side Events

OWW
Strategic
Conference

20 – 21
April

OWW
Masterclasses

21 – 22
April

Gulf Water
Conference

20 – 22
April

UNESCO
Workshop

21 – 22
April

Water Stage

20 – 22
April

Innovation
Hub

20 – 22
April

WATER
SERVICES

Main Theme

Securing a resilient Future: Water Strategies for Security, Stability, and Sustainability

Oman Water Week 2026 will address the urgent need to safeguard and future-proof its water systems amid increasing environmental, geopolitical, and operational challenges.

As nations worldwide grapple with water scarcity, climate volatility, energy-intensive supply systems, and growing geopolitical and cyber threats, the resilience of water infrastructure and services has become a strategic imperative.

These discussions are critical for building water systems that are not only robust and adaptable but also aligned with long-term sustainability and national development visions, whether in Oman or beyond.

Oman Water Week 2026 invites stakeholders across borders and sectors to contribute to shaping a resilient water future for all.

Covered Areas

- Strategic Foresight and Sector Resilience
- Financing the Water Future: Investments, Innovations, and Industry Localization
- Emergency Preparedness, Infrastructure Reliability and Crisis Management
- Cybersecurity and Digital Resilience in Water Systems
- Water Quality and Contamination Risks

Strategic Foresight and Sector Resilience

Enhancing cross-border water diplomacy and regional cooperation mechanisms.

Safeguarding national water infrastructure from geopolitical and conflict-related risks.

Establishing and managing strategic water reserves and national buffer zones.

Integrating water security into national defense and resilience planning.

Protecting desalination intakes and coastal infrastructure from oil spills, radiological fallout, and other contamination risks during conflict scenarios.

Investing in Water Future

Unlocking Investments for Resilient and Scalable Water Infrastructure.

Green Finance and Climate-Resilient Models for Sustainable Water Development.

Public-Private Partnerships (PPPs) as Drivers of Growth and Innovation in the Water Sector.

Localizing Water Technologies and Services: Building Secure and Resilient Supply Chains.

Innovation and Digital Transformation: Maximizing the Impact and Returns of Water Sector Investments.

Capacity Building and Knowledge Transfer: Developing Human Capital to Secure Long-Term Investment Value.

Emergency Preparedness, Infrastructure Reliability and Crisis Management

Risk Assessment and Threat Mapping for Water Supply Systems.

Contingency Plans and Maintenance of Emergency Water Reserves.

Emergency Shutdowns and Recovery Procedures for Desalination and Treatment Plants.

Strategies for Short-Term and Long-Term Water Storage.

Designing Decentralized, Modular, and Scalable Water Infrastructure for Resilience and Redundancy.

Cybersecurity and Digital Resilience in Water Systems

Securing SCADA and Digital Control Systems Against Evolving Cyber Threats.

Establishing Cybersecurity Standards and Protocols Tailored for the Water Sector.

Building Rapid-Response Teams and Digital Forensic Capabilities.

Leveraging Real-Time Monitoring, Predictive Analytics, and AI to Detect and Prevent Disruptions.

Deploying AI Solutions to Enhance Operational Performance and Resilience.

Water Quality and Contamination Risks

Mitigating Biological, Chemical, and Radiological Contamination Risks in Drinking Water Systems.

Assessing Vulnerabilities of Desalination Plants in High-Risk Scenarios.

Implementing Water Quality Monitoring and Early Warning Systems at Strategic Nodes.

Disinfection and Mobile Purification Technologies.

Case Studies: Lessons from Water Contamination.

Masterclasses

Track One: Utilities and Infrastructure Operations

Achieving Net-Zero in Water Sector

Non-Revenue Water (NRW) & Energy Losses in Networks

Pipeline Integrity & Asset Management

Smart Pipelines & Digital Twins

Masterclasses

Track Two: Water Production and Reuse

Decarbonizing
Desalination &
Water Reuse

Water
Technologies
Updates

Advanced
Wastewater &
Effluent Reuse
Technologies

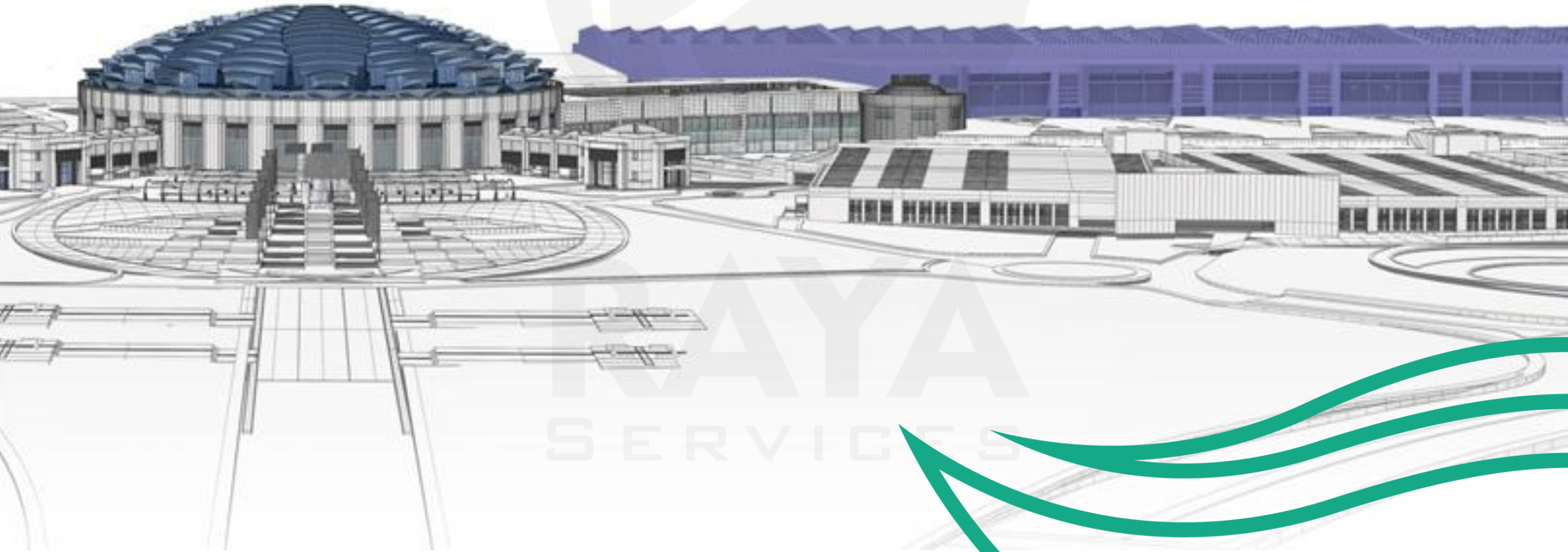
Masterclasses

Track Three: Digitalization and Water Quality

Digitalization & AI for Water
Production and Utility Operations

Water Quality and Safety: Advanced
Monitoring, Treatment, and Risk
Management”

Event Venue



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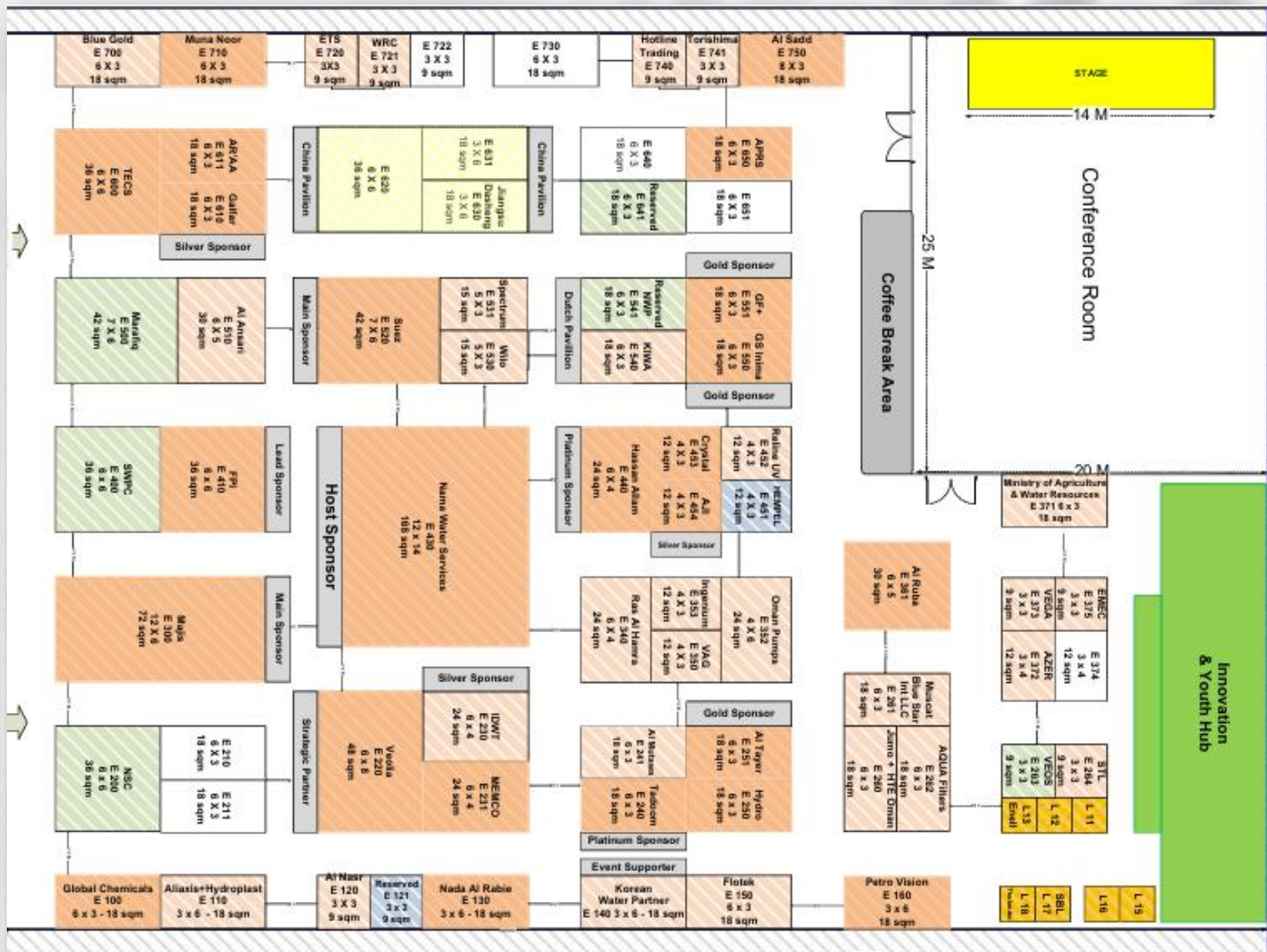
Event Venue

Exhibition
Conference
Youth Hub
Innovation Stage



Exhibition

100+ Companies
35+ Countries
3000+ Trade Visitors



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Look forward to welcoming you at



Scan for More Information



13 – 29 April 2026



Oman Convention & Exhibition Center
Muscat – Sultanate of Oman