



HOSTED BY



PART OF



أسبوع أبوظبي
للمياه والطاقة
ABU DHABI WATER
& POWER WEEK

EMPOWERING TOMORROW'S UTILITIES TODAY

STRATEGIC CONFERENCE
BROCHURE

Supported By



Partners



Destination Partner



Venue Partner



Brought To You By



TRIPLING RENEWABLES, TOGETHER BY 2030



Today, utilities sit at the centre of some of the world's most pressing challenges. Including tackling the need to triple global renewable energy capacity while meeting the rapidly growing demand for electricity from new technologies including AI. We are also addressing the looming global water shortage, with water demand set to exceed supply by 40 percent by 2030.

The World Utilities Congress brings these issues to the forefront, serving as a global platform for dialogue, partnership, and innovation. Utilities have the opportunity and the responsibility to lead the way in securing a sustainable, affordable, and resilient power and water future for communities across the world.



Jasim Thabet

Group CEO & MD



EVENT OVERVIEW

Hosted by TAQA, and part of the Abu Dhabi Water & Power Week, an initiative by the Department of Energy - Abu Dhabi, **the World Utilities Congress** serves as a global meeting point for the utilities community, driving collaboration to shape the future of power, water, and sustainable infrastructure.

As the sector accelerates its transition to clean, reliable, and resilient power and water systems, the World Utilities Congress 2026 recognises that progress requires more than ambition.

True transformation depends on breaking down silos, fostering collaboration among stakeholders and partners, and driving integrated solutions that benefit communities and economies and this is precisely what the Congress is designed to advance.

25,000+

**Exhibition
attendees**

1,000+

**Conference
delegates**

500+

**Expert
speakers**

250+

**Global
exhibitors**



EVENT AT A GLANCE



Exhibition

A global showcase of pioneering technologies driving progress in utilities.



Strategic Conference

Unparalleled thought leadership shaping the future of power and water utilities.



Technical Conference

Experts present the latest advancements and applied solutions.



Leadership Roundtables

Transforming vision into tangible progress through utilities leadership dialogue.

EVENT FEATURES



Innovation Theatre

A dynamic forum for experts and innovators to present cutting-edge solutions for an efficient utilities ecosystem.



Innovation Hub

Showcasing the next wave of innovation in utilities.



Utilities Club

An exclusive, members-only network for global utilities leadership.



F.U.E.L.

Future Utilities & Energy Leaders
Designed to inspire, empower, and grow the next generation of utilities and energy leaders.



Utilities Connect

Facilitating meaningful exchange through high-impact meetings that accelerate sector growth.



Gala Dinner

Recognising achievement and celebrating excellence across global utilities.



STRATEGIC CONFERENCE

The Strategic Conference at World Utilities Congress 2026 bridges global policy direction with real-world system delivery - demonstrating how utilities, regulators, and industry leaders can move from vision to implementation in building the next generation of resilient, efficient, and sustainable energy and water systems.

Discussions are crafted around the most pressing challenges shaping today's utility landscape: modernising power and water infrastructure, strengthening grid flexibility, advancing water security, accelerating electrification, enhancing supply chain resilience, and safeguarding long-term system reliability across both sectors.

DAY 1 | **Power Systems & Grid Resilience:**
Building the backbone of the energy transition

DAY 2 | **Flexibility & System Integration:**
Making the transition work

DAY 3 | **Energy Security & Transition Delivery:**
Fuels, infrastructure and integration

20+

Energy &
water ministers

120+

Conference
sessions

500+

Industry
speakers

“

World Utilities Congress has once again proven to be a vital platform for collaboration, innovation, and strategic dialogue across the global energy sector. On behalf of Schneider Electric, we were proud to contribute to key conversations around accelerating the energy transition and strengthening grid resilience in the Gulf and beyond.

World Utilities Congress 2025 offered an exceptional opportunity to engage with policymakers, partners, and industry leaders, showcase our latest technologies, and align on shared priorities to drive a more sustainable and digital energy future. ”

Amel Chadli
Cluster President Gulf Countries
Schneider Electric

1,000+

Conference
delegates



THEMES IN FOCUS



Energy access & affordability

SDG7 aims for affordable, reliable energy for all by 2030. While 92% of people have basic electricity access, 750 million do not. Strong policies and coordinated action across governments, regulators, utilities, and innovators are essential to drive investment, reduce inequalities, and close the energy access gap. Market design, regulatory frameworks, and targeted subsidies balance affordability with financial stability.



Capital shifts & strategic partnerships

Global energy investment in 2025 is likely to have passed USD3.3 trillion, with USD 2.2 trillion going to clean energy technologies. Solar will attract the largest share, USD 450 billion. However, grid investment is lagging, threatening energy security. Many utilities lack the capital to invest in aging infrastructure. To address this, they are exploring alternative financing models. If not addressed, utilities and communities will struggle to upgrade the vital systems they depend on.



System resilience & modernisation

As the world shifts to cleaner energy, utilities must strengthen resilience. In the Middle East, fast-growing demand makes this essential. Efficiency, flexibility, and smart grids help reduce peak loads, ensure reliability, and balance supply and demand. With smart meters and digital services, empowered customers further enhance stability and support a future-ready energy system.



Technology, digitalisation & AI

Renewable energy systems depend on innovation. Digital transformation enhances grid efficiency, increases the integration of renewables, and manages demand effectively. Progress in hard technologies, such as solar, wind, and energy storage, is crucial. Additionally, sensors, AI, and analytics are revolutionising energy production. Unlocking the full potential of digitally enabled “new infrastructure” requires coordinated action across the value chain, supported by strategic investment, clear policy direction, and strong cross-sector collaboration.



The AI-Energy nexus

Compute power is critical as AI grows. By 2030, data centres need \$7 trillion, raising electricity use from 1% to 3%. Utilities must upgrade grids and manage heat. While AI can cut energy intensity, rising water demand requires coordinated policy, finance, technology, and market actions to ensure sustainable AI development.



Policy certainty: a system-wide priority

Policy certainty underpins the energy transition. Stable, transparent, and predictable policies enable investment, efficient utility planning, and lower costs for customers. Governments that balance ambition and consistency, providing clarity in regulation and long-term planning, can build trust, attract sustained investment, and accelerate global progress toward net zero.

SESSION FORMATS

The World Utilities Congress 2026 programme will include the following formats.

Ministerial Panels

Global ministers, policymakers, and utility leaders unite to share insights and foster international collaboration to shape the future of power and water utilities.

Global Leadership Panels

Panel discussions featuring global utility and energy leaders will bring together diverse perspectives to explore the latest strategies, policies, and technologies driving innovation, sustainability, and resilience across the energy and utilities ecosystem.

Energy Talks

20-minute fireside chats offering exclusive insights from top utility and energy executives as they address challenges and opportunities in leading the global transition toward sustainable, low-carbon utility systems.

Industry Dialogues

30-minute discussions on near-term challenges and opportunities that will pave the way for long-term action.

SECURE YOUR STRATEGIC CONFERENCE DELEGATE PASS EARLY

EARLY BIRD

\$1,599

Ends on 31 March

STANDARD

\$1,999

Ends on 18 May

ONSITE

\$2,399

Valid from 19-21 May

Book your delegate pass
www.worldutilitiescongress.com/confreg



STRATEGIC SESSIONS AT A GLANCE

TUESDAY, 19 MAY 2026	WEDNESDAY, 20 MAY 2026	THURSDAY, 21 MAY 2026
Day 1 – Power Systems & Grid Resilience: Building the Backbone of the Transition	Day 2 – Flexibility & System Integration: Making the Transition Work	Day 3 – Energy Security & Transition Delivery: Fuels, Infrastructure and Integration
THEMES IN FOCUS	THEMES IN FOCUS	THEMES IN FOCUS
Energy access & affordability Capital shifts & strategic partnerships System resilience & modernisation Technology, digitalisation & AI Policy certainty: a system-wide priority The AI-energy nexus	Energy access & affordability System resilience & modernisation Policy certainty: a system-wide priority Capital shifts & strategic partnerships The AI-energy Nexus Technologies, digitalisation & AI	System resilience & modernisation Technologies, digitalisation & AI, Energy access & affordability Policy certainty: a system-wide priority Capital shifts & strategic partnerships Energy access & affordability
Opening Ceremony* (By invitation only)	10:00-10:45 Ministerial Panel Policy pathways for water and energy security	10:00-10:45 Global Leadership Panel Greater nuclear integration – unlocking grid stability and clean energy goals
11:30-12:00 Ministerial Panel Securing the future – meeting demand in the age of electricity	10:45-11:30 Global Leadership Panel Developing nuclear infrastructure – driving efficiency and capacity for the clean energy transition	10:45-11:15 Industry Dialogue Bridging renewable power gaps with battery energy storage systems
12:00-12:20 Energy Talk Dual imperatives – advancing energy security and the transition together	11:30-12:10 Global Leadership Panel Cooling smarter – data-driven, low-carbon district cooling for high-demand cities	11:15- 12:00 Global Leadership Panel Hydrogen at scale – leveraging technology, clusters and shared infrastructure
12:20-13:00 Global Leadership Panel – UNEZA Powering the shift to a future-ready energy system	12:10-12:50 Global Leadership Panel Supply chain risks and opportunities in energy infrastructure	13:30-13:50 Energy Talk Meeting the mineral demand to enable clean energy transitions
14:30-14:50 Energy Talk Data centres, AI and electrification: enabling the intelligent future	14:30-15:10 Global Leadership Panel Strengthening grid collaboration and unlocking the benefits of interconnection	13:50-14:30 Global Leadership Panel Financing fair transitions – building bankable renewable pipelines in emerging markets and developing countries
14:50-15:10 Energy Talk From capital to capacity: mobilising trillions for scalable energy systems	15:10-15:50 Global Leadership Panel Scaling industrial energy efficiency for a net zero future	
15:10-15:50 Global Leadership Panel The role of gas in fuelling the intelligent age	15:50-16:20 Industry Dialogue Advancing energy equity through solar	
15:50-16:30 Global Leadership Panel The grid of the future: a policy and investment roadmap	16:20-16:50 Industry Dialogue Efficiency meets the grid: managing demand, enhancing stability	
16:30-17:00 Industry Dialogue Embedding resilience in infrastructure planning		

Content correct at the time of production and subject to change.

Lunch and networking on all 3 days will be from 12:30-14:00.

*Subject to change

CONFIRMED SPEAKERS



Jasim Thabet
GCEO & MD
TAQA
UAE



Christer Viktorsson
Director General
Federal Authority for
Nuclear Regulation
UAE



Bernard Fontana
Chairman & CEO
EDF
France



Khaled Al Huraimel
Group CEO and
Vice-Chairman
BEEAH Group



**Dr. Javier Cavada
Camino**
President & CEO
Mitsubishi Power EMEA
Spain



Dr. Mostafa AlGuezeri
Group CEO
Intelligent Group
UAE



Farid Al Awlaqi
CEO
TAQA Generation
UAE



Izumi Kai
CEO
JERA Asia
Singapore



Dennis Jol
CEO
AIQ
UAE



Pratima Rangarajan
CEO
Climate Investment
UK



Beatrice Buffon
Chairman & CEO EDF
Power Solutions,
VP EDF Group
France



Dr. Afif Saif Al Yafei
CEO
TAQA Transmission
UAE



Sylvie Jeanno
CEO
Dalkia Group
France



Jay Sadiq
Founder & CEO
FortyGuard
UAE



Omnia Halawani
Co-CEO & Founder
GRFN
UAE



Loyiso Tyabashe
GCEO
South African Nuclear
Energy Corporation
(NECSA)
South Africa



Fabrizio Fabbri
CEO
Ansaldo Energia
Italy



Dalia Wahba
CEO
Hassan Allam Utilities
UAE



Daniela Gentile
CEO
Ansaldo Nucleare SpA
Italy



Zehra Zeynep Dereli
CEO - ODAS CA & Member
of the Foreign
Investors Council
Energy Working Group
Uzbekistan



Milo Alani
CEO - Middle East
Framatome
UAE



Myrtle Dawes
CEO
Net Zero Technology
Centre
UK



Helmut Von Struve
CEO, Middle East & UAE
Siemens Middle East
UAE



Bilal Khursheed
Global Power and
Utilities Leader
Microsoft
Canada



Amel Chadli
Cluster President Gulf
Countries
Schneider Electric
UAE



Allan Baker
Global Head of Energy
Transition
Société Générale
UK



Eng. Nawal Alhanaee
Director of Future Energy
Department
Ministry of Energy and
Infrastructure
UAE



Kenny Kitamura
Chief Representative
Officer - Middle East
Japan Bank for International
Cooperation (JBIC)
UAE



Najeeba Al Jabri
Chief ESG & Sustainability
Officer
Emirates Global Aluminium
(EGA)
UAE



Athmane Benzerroug
Chief Strategy,
Transformation and
Sustainability Officer
ADNOC Distribution
UAE

For the full list of speakers visit
www.worldutilitiescongress.com/strategic-speakers

11:30-12:00

Securing the future: meeting demand in the age of electricity

Ministerial Panel

Global electricity demand is rising at an unprecedented pace. The IEA projects it will grow by more than 3% annually through 2030, with total consumption reaching 32,000 TWh by 2025 - driven by electrification of transport, industrial expansion, and the rapid growth of data centres and AI workloads. To meet this surge more than USD 3 trillion per year in new investment is required, with nearly 40% of that being absorbed by grids. For many economies, transmission and distribution have become the critical bottlenecks limiting renewable integration and economic growth. Policymakers and utilities must strike a balance between affordability, security, and decarbonisation, while mobilising the capital and partnerships needed to power the next decade.

Attendee insights:

Gain insights into how governments and utilities are scaling generation and network capacity to meet accelerating electricity demand without sacrificing affordability or climate targets.

12:00-12:20

Dual imperatives: advancing energy security and the transition together

Energy Talk

Global energy security is now a top priority. Geopolitical tensions, price swings and climate disruptions are changing energy markets. Fossil fuels still make up over 80% of the world's primary energy, but clean investment is now growing twice as fast as fossil spending. To ensure both security and transition we need diversification, innovation, and new governance models. Gas and hydrogen will remain vital bridge fuels. Meanwhile, regional interconnections are key to ensuring a stable and affordable supply.

Attendee insights:

Understand how global energy leaders redefining energy security are to align short-term stability with long-term decarbonisation.

12:20-13:00

Powering the shift to a future-ready energy system

Global Leadership Panel (UNEZA)

Meeting the energy transition by 2030 will require a step change in both financing and delivery capacity. As the International Energy Agency says, we are entering the "Age of Electricity," with power demand rising faster than overall energy use. Tripling global renewable capacity by 2030 and doubling the size of electricity grids by 2040 are now system-level imperatives, putting into perspective the scale of recent global commitments by members of the Utilities for Net Zero Alliance (UNEZA), who have pledged USD 148 billion in annual investments to build a more secure, resilient, and affordable low-carbon power system. This session convenes CEOs from the Alliance to examine how sector leaders are rising to these challenges without compromising system security, reliability, and affordability.

Attendee insights:

Gain strategic perspectives from global utilities on combining innovation, policy, and investment to deliver reliable, customer-centric power systems.

13:00-14:30

Networking Lunch

Book your delegate pass
www.worldutilitiescongress.com/confreg

14:30-14:50

Data centres, AI and electrification: enabling the intelligent future

Energy Talk

Artificial intelligence is rapidly emerging as a transformative technology, with an impact on society and industry comparable to that of electricity. Driven by falling computation costs, exponential data growth, and technical breakthroughs, AI has evolved from academic research into a multi-trillion-dollar industry shaping corporate strategy, national competitiveness, and geopolitics. Yet AI's potential depends fundamentally on energy. Data centre electricity consumption is projected to more than double to around 945 TWh by 2030, making access to affordable, reliable, and sustainable power a decisive competitive advantage. At the same time, AI can transform the energy sector itself - optimising grids, improving forecasting, enhancing demand management, and boosting operational efficiency. This session will explore how utilities, policymakers, and investors can align energy infrastructure with digital ambition through smarter siting, grid readiness, and flexible generation solutions.

Attendee insights:

Learn how energy strategy will shape the future of AI development - and how AI, in turn, can unlock smarter, more resilient power systems.

14:50-15:10

From capital to capacity: mobilising trillions for scalable energy systems

Energy Talk

Achieving global goals to triple renewable energy capacity and double energy efficiency by 2030 will depend on modernising grids and energy infrastructure to support reliable, flexible, and scalable power systems. Meeting this challenge requires a rapid acceleration of both public and private investment across energy systems. The "billions to trillions" approach - leveraging limited public and catalytic capital to unlock large-scale private investment - has emerged as a critical tool in this effort. Yet the main challenge is not a shortage of capital, but a limited pipeline of investment-ready, scalable projects capable of absorbing these funds effectively. Overcoming this bottleneck requires coordinated government action to strengthen regulatory frameworks, de-risk investments, and improve affordability. What strategies can governments, investors, and industry adopt to unlock scalable projects and accelerate the transition to resilient, sustainable, and future-ready energy systems?

Attendee insights:

Gain insights into how coordinated capital deployment can accelerate infrastructure and electrification at scale.



15:10-15:50 The role of gas in fuelling the intelligent age

Global Leadership Panel

AI and digital technologies are driving exponential growth in electricity demand while also offering unprecedented optimisation potential. By 2030, Global data-centre power consumption could triple, exceeding 1,000 TWh annually. After decades of slow growth, gas is now seen as a dependable, affordable fuel for sectors including AI, semiconductors, transport and advanced manufacturing. As AI-driven electricity demand accelerates, particularly in regions with flexible gas generation, natural gas is playing an important role in ensuring grid stability and reliability. This session will explore how utilities can manage the rising AI-related loads, use intelligent efficiency tools and balance system stress with sustainability goals.

Attendee insights:

Learn how utilities and policymakers are addressing AI's dual impact on electricity demand and efficiency, ensuring intelligent growth of digital infrastructure

15:50-16:30 The grid of the future: a policy and investment roadmap

Global Leadership Panel

Transmission and distribution systems are crucial for the global transition, yet they are also its weakest link. The IEA estimates USD 600 billion in annual grid investment is needed to integrate renewables and meet demand. However, delays in permitting and supply chain issues are major barriers. This session will discuss how governments and utilities can mobilise capital, boost local manufacturing, and use digital technologies to enhance grid performance and reliability.

Attendee insights:

Understand how policy, finance, and innovation are converging to overcome the global grid investment bottleneck.

16:30-17:00 Embedding resilience in infrastructure planning

Industry Dialogue

As countries move towards clean energy and electrify key sectors, power system reliability is vital for energy security. Climate change, cyber risk, and asset ageing are creating new challenges for utilities. Resilient infrastructure must be designed with predictive capability, redundancy, and adaptability at its core. This session will show how utilities and governments can include resilience metrics in all planning phases, from design and construction to digital monitoring and lifecycle management.

Attendee insights:

Learn how integrated planning and data-driven design can protect energy infrastructure from growing environmental and cyber threats.



10:00-10:45

Policy pathways for water and energy security

Ministerial Panel

Growing demand for water and power is straining shared infrastructure and national policies. The water–energy nexus is a key challenge in this transition, particularly in arid regions where cooling, desalination and electricity generation are interdependent. Explore how integrated policy and regulatory frameworks can enhance system resilience, optimise resource use and support sustainable growth.

Attendee insights:

Understand how integrated policy design can strengthen resilience across power and water systems, balancing resource efficiency, energy security and sustainability.

10:45-11:30

Developing nuclear infrastructure – driving efficiency and capacity for the clean energy transition

Global Leadership Panel

Nuclear energy is gaining renewed momentum as a reliable and low-carbon power source. Unlike intermittent renewables, nuclear can deliver dispatchable energy to meet changing demand. Contributing around 10% of global electricity today, nuclear's share is forecast to increase as countries target net-zero and energy independence. Small modular reactors (SMRs) could unlock flexible and scalable deployment across diverse markets. The discussion will explore how innovation, financing and regulatory coordination can expedite nuclear development while prioritising safety and sustainability.

Attendee insights:

Discover how advanced nuclear technologies and innovative policy models are transforming the landscape of clean baseload power.

11:30-12:10

Cooling smarter: data-driven, low-carbon district cooling for high-demand cities

Global Leadership Panel

Global electricity demand is entering a new "Age of Electricity", driven by surging cooling needs, industrial expansion, electrification and the growth of data centres. In 2024, global consumption rose by nearly 1,100 TWh (4.3 %), almost double the average of the past decade. District cooling offers to manage this accelerating demand while advancing sustainability goals. Powered by renewables and supported by thermal energy storage, next-generation systems can cut peak load by 40 % and reduce water use by up to 80 %. Explore strategies on how digitalisation, AI optimisation, and new business models can make urban cooling systems more resilient.

Attendee insights:

Discover how advanced grid interconnectivity is reshaping the future of energy; unlocking seamless cross-border power flows, enhancing renewable integration, and driving a resilient, efficient, and sustainable global energy network.

12:10-12:50

Supply chain risks and opportunities in energy infrastructure

Global Leadership Panel

Supply-chain fragility is one of the biggest constraints on the global energy transition. Lead times for transformers, cables, and substations have doubled since 2020, and equipment costs have risen by 35 %. Localisation, diversification, and circular-economy approaches are essential for timely infrastructure delivery. Governments and industry will explore ways to strengthen supply-chain resilience through local manufacturing, strategic reserves, and international collaboration.

Attendee insights:

Discover how supply-chain innovation and localisation can reduce delays, cut costs and improve security of supply for critical energy infrastructure.

14:30-15:10

Strengthening grid collaboration and unlocking the benefits of interconnection

Global Leadership Panel

As the global energy landscape transitions toward decarbonisation, power grids must evolve in how they are designed, managed, and operated. Cross-border interconnections and regional power markets can save up to USD 300 billion annually by 2030 through shared resources and optimised renewable deployment. This discussion will address how harmonised standards, coordinated regulation, and joint investment can unlock these benefits. Examples from Europe, Asia, and the GCC will highlight how interconnections are enhancing reliability, efficiency, and affordability across regions.

Attendee insights:

Discover how greater grid collaboration can enhance flexibility, strengthen energy security, and accelerate renewable integration globally.

15:10-15:50

Scaling industrial energy efficiency for a net zero future

Global Leadership Panel

Industry accounts for 38% of global energy use and nearly 30% of CO2 emissions. Improving efficiency could deliver one-third of required emission reductions by 2030, yet progress is slow. This panel will examine how industrial policies, electrification, and efficiency programmes can lower energy intensity while supporting competitiveness. Speakers will highlight success stories in demand management, waste-heat recovery and electrified industrial processes.

Attendee insights:

Gain an understanding of how industry leaders are scaling electrification and efficiency to meet sustainability and profitability goals simultaneously.

15:50-16:20

Advancing energy equity through solar

Industry Dialogue

Everyone deserves access to clean, affordable energy. However, low-income and multifamily households often encounter higher barriers. Expanding solar to these communities doesn't just cut bills; it also drives cleaner air, stronger infrastructure, and new local jobs. Solar remains the fastest-growing renewable technology, with global capacity surpassing 1 TW in 2024 and projected to reach 3 TW by 2030. Despite record deployment, equitable access and affordability remain uneven. Examine how distributed solar, innovative financing and community models can expand access and empower consumers.

Attendee insights:

Learn how solar can advance equity, resilience and affordability by bringing clean energy closer to consumers.

16:20-16:50

Efficiency meets the grid: managing demand, enhancing stability

Industry Dialogue

Global electricity demand is rising due to urbanisation, industrial expansion, and electrification. This puts power grids under strain, leading to instability, blackouts, and high prices. Energy efficiency offers a powerful solution. From smart buildings and high-efficiency appliances to industrial optimisation and digital energy management, efficiency measures can lower peak demand, enhance grid reliability, and defer infrastructure investment. Energy efficiency can be a first-response strategy to reduce pressure on grids, increase system flexibility, and enable a smoother transition to a low-carbon energy future.

Attendee insights:

The session will highlight the policy and investment measures countries can undertake to increase stability, reduce pressure on grids and ensure energy security.

10:00-10:45

Greater nuclear integration – unlocking grid stability and clean energy goals

Global Leadership Panel

Integrating nuclear energy within increasingly renewable power systems requires new thinking about grid design, load management and hybridisation. Nuclear plants, operating in tandem with renewables, can enhance grid stability while supplying low-carbon baseload power. This dialogue will examine how utilities and operators are exploring hybrid models and digital controls to improve flexibility and reliability in nuclear-integrated systems.

Attendee insights:

Understand how advanced system design and digitalisation can enhance the role of nuclear energy in future integrated grids.

10:45-11:15

Bridging renewable power gaps with battery energy storage systems

Industry Dialogue

Battery energy storage is now a key technology for managing intermittency and boosting grid reliability. By 2025, global installed BESS capacity surpassed 120 GW. It is projected to exceed 650 GW by 2035. However, costs, permitting and grid-connection delays still hinder deployment. This discussion will examine how increasing storage can close the flexibility gap, reduce system costs and support a 24/7 renewable supply.

Attendee insights:

Gain insight into the economics and policy measures accelerating large-scale storage deployment and its role in stabilising renewables-heavy grids.

11:15- 12:00

Hydrogen at scale – leveraging technology, clusters and shared infrastructure

Global Leadership Panel

Hydrogen has emerged as a key opportunity in the energy transition. Over 60 countries have hydrogen strategies, and project announcements exceed USD 570 billion. However, only 4% of this capacity has reached final investment decision. Achieving scale will rely on technology advances, infrastructure collaboration and cross-border trade frameworks. This discussion will explore how clusters, ports and industrial zones can expedite deployment while achieving cost parity with fossil fuels.

Attendee insights:

Gain insight into how large-scale hydrogen ecosystems are being developed through technology innovation and international collaboration.



13:30-13:50

Meeting the mineral demand to enable clean energy transitions

Energy Talk

The clean energy transition is highly materials-intensive. By 2040, demand for lithium, nickel and cobalt is expected to rise sixfold, while copper and aluminium remain essential for transmission and electrification. Supply risks and concentration of production pose challenges. This session will discuss how governments, miners and manufacturers are building resilient, transparent and sustainable mineral supply chains to underpin global decarbonisation.

Attendee insights:

Explore how critical mineral management and circular economy strategies are securing the foundations of the energy transition.

13:50-14:30

Financing fair transitions – building bankable renewable pipelines in emerging markets and developing countries.

Global Leadership Panel

Delivering a just and affordable energy transition will demand the scale-up of renewable deployment in emerging markets and developing countries, which account for over 70% of new clean energy demand but receive less than 15% of global investment. Unlocking financing for emerging markets and developing countries requires stronger project pipelines, policy stability and risk mitigation tools. Explore how innovative financing models, blended capital and global partnerships can mobilise funds at scale for inclusive development.

Attendee insights:

Understand how international collaboration and financial innovation are enabling emerging markets to participate fully in the global energy transition.



TECHNICAL CONFERENCE

The Technical Conference serves as a dynamic platform for industry leaders, researchers, and practitioners to exchange technical knowledge and deliver actionable solutions that drive measurable impact, advancing efficiency, reliability, and sustainability across the utilities sector.



POWER-GEN

- Clean Power Generation for a Net Zero Future
- Smarter Transmission & Grid Innovation
- Flexible Energy Systems with Hydrogen & Storage
- Energy Markets & Investment Innovation - **NEW**



GRID & AI

- Smart Grids & Grid Edge Innovation
- Urban Electrification & Clean Mobility
- AI-Powered Utilities & Predictive Technologies - **NEW**
- Cybersecurity & Digital Trust - **NEW**



WATER & CLIMATE

- Future-Ready Water Systems & Infrastructure
- Circular Waste & Resource Recovery - **NEW**
- ESG & Sustainable Finance Leadership
- Talent Powering Operational Excellence

View the Technical Conference agenda
www.worldutilitiescongress.com/technical-agenda

NETWORKING OPPORTUNITIES

Networking at the World Utilities Congress extends beyond the conference theatres and exhibition floor, offering exclusive opportunities to build meaningful connections and forge lasting partnerships across the global utilities community.

Delegates engage with senior utility executives, government representatives, policymakers, technology providers, investors, and innovators through curated networking sessions and high-level informal gatherings.

These interactions are further enhanced by the event app, enabling attendees to view participant profiles, schedule one-to-one meetings, and remain connected before, during, and after the Congress - maximising the value of every engagement.



Utilities Connect

A dedicated business matchmaking programme designed to foster high-value connections between exhibitors and qualified buyers. This targeted initiative provides a streamlined platform for forging new partnerships from across the global utilities sector.



Delegate Lunch

As part of your conference delegate pass, enjoy informal daily lunches with fellow industry leaders, an ideal opportunity to expand your professional network, exchange ideas, and spark valuable collaborations in a relaxed setting.



Gala Dinner

An evening of celebration and connection, bringing together global leaders, innovators, and visionaries to honor the industry's achievements while fostering meaningful relationships.

CONFERENCE PASS PACKAGES

ALL ACCESS DELEGATE PASS

EARLY BIRD 31/03/26	STANDARD RATE 18/05/26	ONSITE RATE 21/05/26	GAIN ACCESS TO
\$1,999	\$2,499	\$2,999	• OPENING CEREMONY • STRATEGIC CONFERENCE STAGE • TECHNICAL CONFERENCE STAGES • GALA DINNER • INNOVATION THEATRES • DELEGATE COFFEE BREAKS • DELEGATE LUNCH • WATER BOTTLES • EXHIBITION HALLS

STRATEGIC CONFERENCE DELEGATE PASS

EARLY BIRD 31/03/26	STANDARD RATE 18/05/26	ONSITE RATE 21/05/26	GAIN ACCESS TO
\$1,599	\$1,999	\$2,399	• OPENING CEREMONY • STRATEGIC CONFERENCE STAGE • INNOVATION THEATRES • DELEGATE COFFEE BREAKS • DELEGATE LUNCH • WATER BOTTLES • EXHIBITION HALLS

TECHNICAL CONFERENCE DELEGATE PASS

EARLY BIRD 31/03/26	STANDARD RATE 18/05/26	ONSITE RATE 21/05/26	GAIN ACCESS TO
\$799	\$999	\$1,199	• OPENING CEREMONY • TECHNICAL CONFERENCE STAGES • INNOVATION THEATRES • DELEGATE COFFEE BREAKS • DELEGATE LUNCH • WATER BOTTLES • EXHIBITION HALLS

Book your delegate pass
www.worldutilitiescongress.com/confreg

SPECIALISED EXHIBITION AREAS



Innovation Hub

Showcasing breakthroughs and emerging technologies, demonstrating how innovations enhance efficiency, sustainability, and performance across the utilities sector.



Innovation Theatre

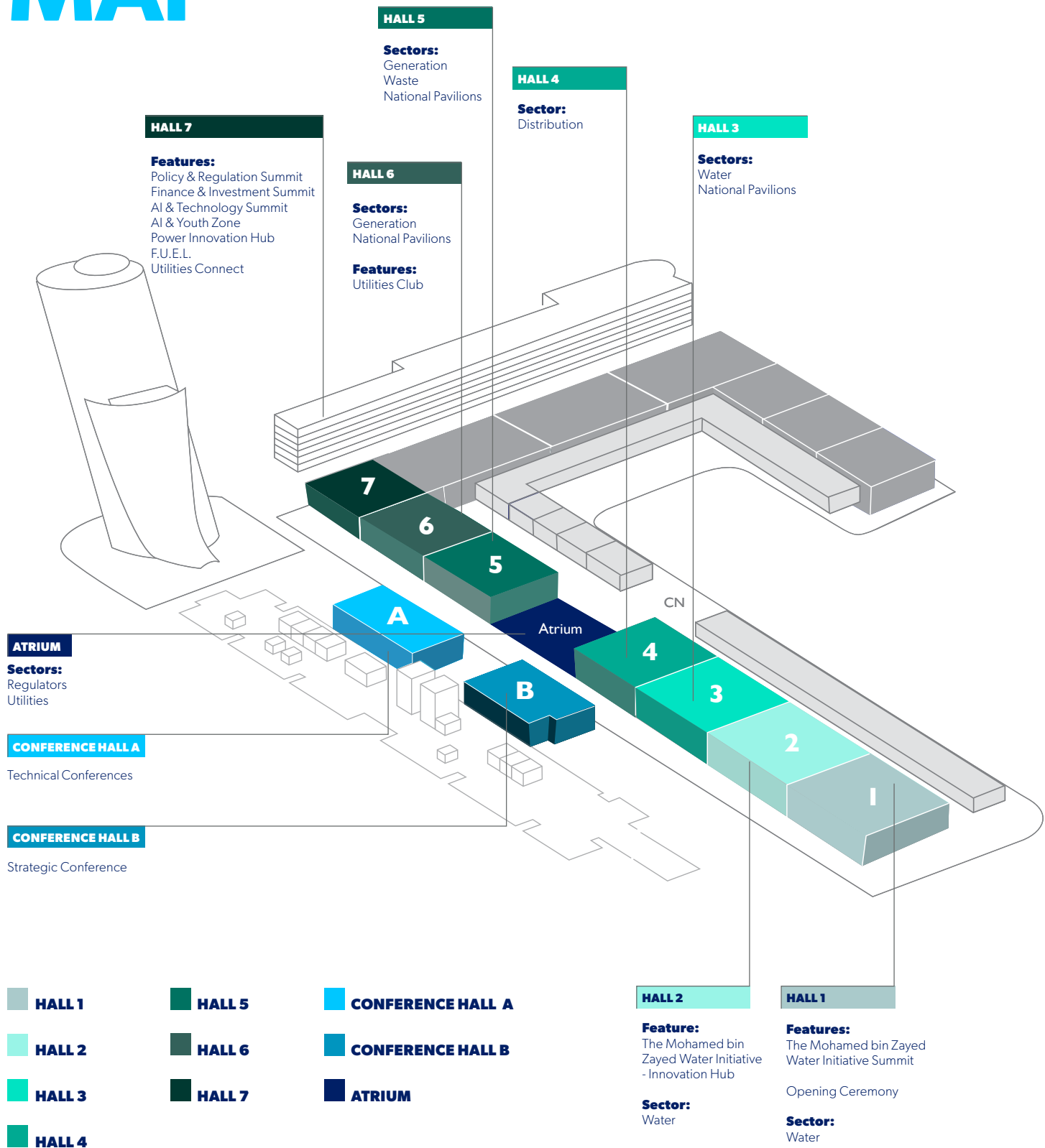
A dynamic platform uniting leaders, startups, and investors to share insights, foster collaboration, and accelerate solutions for cleaner, more reliable, and affordable utilities.



F.U.E.L. (Future Utilities and Energy Leaders)

Empowering the next generation of utilities professionals by connecting students and young innovators with the skills, networks, and opportunities to contribute to energy, water, and sustainability initiatives.

VENUE MAP



ABOUT ABU DHABI

Abu Dhabi is a vibrant, modern capital city where rich traditions blend smoothly with innovation.

Set along the Arabian Gulf, it features a striking skyline, premium resorts, and a cultural scene that reflects both its heritage and its forward-looking vision. With beautiful beaches, green spaces, and top attractions, the city provides an ideal setting for both business and leisure.

Visitors can experience landmark sites such as the Sheikh Zayed Grand Mosque, Louvre Abu Dhabi, and Qasr Al Watan — each highlighting the Emirate's history and artistic achievements.

Abu Dhabi is also a leader in sustainability and smart-city development, showcasing its commitment to a progressive future.

Known for its welcoming Arabian hospitality, diverse dining options, and strong global connectivity, Abu Dhabi stands out as a premier destination for events — offering the perfect balance of inspiration, relaxation, and opportunity.

For all your travel requirements please contact our partner Flyt For Travel And Tourism - L.L.C on wuc26@flyt.ae



THANK YOU TO OUR SUPPORTERS, PARTNERS AND SPONSORS

Supported By



وزارة الطاقة والبنية التحتية
MINISTRY OF ENERGY & INFRASTRUCTURE



دائرة الطاقة
DEPARTMENT OF ENERGY



دائرة الثقافة والسياحة
DEPARTMENT OF CULTURE
AND TOURISM



هيئة كهرباء ومياه دبي
Dubai Electricity & Water Authority

Part of



أسبوع أبوظبي للمياه والطاقة
ABU DHABI WATER & POWER WEEK

Partners



Platinum Sponsor



HYDROPOWER ENERGY
& GENERAL CONSTRUCTION

Gold Sponsors



Destination Partner



Venue Partner



Brought To You By





**WORLD
UTILITIES
CONGRESS**

HOSTED BY



PART OF



أسبوع أبوظبي
للمياه والطاقة
ABU DHABI WATER
& POWER WEEK

CONNECT WITH THE TEAM TODAY

SPEAKER ENQUIRY: conferences@worldutilitiescongress.com

CONFERENCE ATTENDEE: delegate@worldutilitiescongress.com

EVENT ATTENDEE: registration@worldutilitiescongress.com

SPONSOR: sponsorship@worldutilitiescongress.com

EXHIBIT: sales@worldutilitiescongress.com

Abu Dhabi

Yas Creative Hub, Yas Island
Tower 4, Level 6
Office C40-L06-10
United Arab Emirates

Riyadh

Office 502, Al Madar Building
Ad Diyar Street, Al Ulaya District
ZIP Code 12611
Saudi Arabia

Delhi

Tower D, Ground Floor
DLF Cyber Greens
DLF Phase 2, Sector 24
Gurugram, Haryana, India

Cape Town

31 Bell Crescent
Westlake Business Park
Tokai, 7966
South Africa

London

Northcliffe House
2 Derry Street
W8 5TT
United Kingdom

Cairo

Building P6, Floor 5, Office #503
Cairo Festival City, Podium 1
New Cairo
Egypt

Doha

Office 706, 7th Floor
Palm Tower B
West Bay
Qatar

Singapore

63 Robinson Road
#08-01, Afro Asia
068894
Singapore

Johannesburg

2nd Floor, Pod on Grayston
108 Elizabeth Street
Parkmore
South Africa

Jeddah

Office 408, Sakura Plaza
Al Madinah, Al Munawarah Road
As Salamah District
Saudi Arabia

Calgary

#1510 140 10th Ave SE
Alberta
T2G 0R1
Canada

Dubai

5th Floor
The Palladium, Cluster C
Jumeirah Lakes Towers
United Arab Emirates

Lagos

3rd Floor, Mulliner Towers
Alfred Rewane Road
Ikoyi
Nigeria

Brought to you by

Follow us on: [in](#) [f](#) [X](#) [ig](#) [yt](#) | [#worldutilitiescongress](https://www.worldutilitiescongress.com) | www.worldutilitiescongress.com

dmg events