

تحت رعاية سمو الشيخ خالد بن محمد بن زايد آل نهيان ولي عهد أبوظبي رئيس المجلس التنفيذي لإمارة أبوظبي
UNDER THE PATRONAGE OF HIS HIGHNESS SHEIKH KHALED BIN MOHAMED BIN ZAYED AL NAHYAN
CROWN PRINCE OF ABU DHABI AND CHAIRMAN OF THE ABU DHABI EXECUTIVE COUNCIL



World Utilities
Congress



16 - 18 SEPTEMBER 2024 | ABU DHABI, UNITED ARAB EMIRATES

STRATEGIC CONFERENCE BROCHURE



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ABOUT WORLD UTILITIES CONGRESS

In a world where electricity and water play critical roles, the power and water utilities industry faces numerous significant challenges. As we navigate the complexities of a rapidly changing landscape, it is essential to confront these obstacles directly and pave the way towards a resilient and sustainable future.

The World Utilities Congress, taking place in Abu Dhabi from 16 - 18 September 2024, serves as an unrivalled platform that brings together global energy leaders, policymakers, innovators and

industry professionals from across the power & water utilities value chain to discuss the major trends and challenges shaping the industry as utilities worldwide work to deliver on paths to a sustainable and resilient tomorrow.

The exhibition and congress will provide a vital platform for the sector to engage in discussions about the role and pace of decarbonisation in the utility industry's future. It will also showcase the latest innovations and solutions aimed at establishing a sustainable utilities sector.

CO-LOCATED WITH THE 6TH ARAB WATER FORUM DOUBLE THE IMPACT IN ABU DHABI THIS SEPTEMBER

In the heart of Abu Dhabi, two pivotal events will come together, creating a cross industry platform addressing the shared challenges and collaborative solutions of sustainability, energy and water security in the Arab world.

The Arab Water Forum & World Utilities Congress will play host to the crucial dialogues taking place in the water and utilities industries, fostering collaboration and shared insight.

The two events will not only connect these indispensable industries but will also propel them towards a collective vision of a sustainable and prosperous future, where water and utilities play instrumental roles in shaping global resilience and prosperity.



2024 EVENT IN NUMBERS



12,000+

INDUSTRY PROFESSIONALS



90+

PARTICIPATING COUNTRIES



180+

GLOBAL EXHIBITORS



280+

EXPERT SPEAKERS



110+

CONFERENCE SESSIONS



1,400+

CONFERENCE DELEGATES



CONFERENCES OVERVIEW

The conferences at World Utilities Congress foster the strategic insights and technical expertise needed for power and water utilities to deliver the low-carbon systems of tomorrow. Across 3 days, the conferences will convene Ministers, CEOs, academics, and industry influencers to address the critical challenges and discuss the possibilities and opportunities for a net-zero utilities sector of the future.



STRATEGIC CONFERENCE

From the big questions to practical challenges, gain unparalleled insights and applied intelligence from 100+ international speakers from government, IGOs, utilities, academia, and industry on navigating the evolving energy landscape.



LEADERSHIP ROUNDTABLES

Anchored within the World Utilities Congress, the invitation-only Leadership Roundtables gather stakeholders - from Ministers and policymakers to CEOs and scientists - to collectively address the challenges and explore solutions that can shape the future of the utilities sector.

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TECHNICAL CONFERENCE



The Technical Conference offers utilities professionals access to the latest industry knowledge and research findings, technical expertise, new project developments, and industry best practices required to ensure future operational and technical resilience in the industry.

18+

MINISTERS

280+

EXPERT SPEAKERS

110+

CONFERENCE SESSIONS

1,400+

CONFERENCE DELEGATES



ABOUT THE STRATEGIC CONFERENCE

The Strategic Conference serves as a pivotal platform where government ministers, policymakers, and industry CEOs converge to tackle pressing issues and capitalise on emerging opportunities. From overarching inquiries into the utilities sector's role in the global energy transition to pragmatic discussions on water scarcity and electrification, this forum is where it all unfolds.

Bringing together global leaders from the power, water, and district cooling utilities, the Strategic Conference aims to chart strategies and implement solutions crucial for decarbonising value chains and integrating future-oriented technologies. Amidst an ever-evolving

market landscape and shifting customer demands, leaders will engage in keynotes, ministerial panels, and impactful talks to deliberate on essential considerations for utility modernisation in the face of changing energy landscape.

With over 100 esteemed speakers offering unparalleled insights and practical intelligence, attendees will gain valuable perspectives and knowledge to navigate the evolving energy needs worldwide.

Don't miss this opportunity to forge connections and network with industry peers shaping the future of global utilities.

THEMES IN FOCUS:



Electrification and new disruptive sources of demand



Policies and partnerships for utilities of tomorrow



Low carbon technologies and digital innovation at the forefront of the energy transition agenda



Modernising transmission and distribution infrastructure



Harnessing consumer behaviour to bolster energy efficiency and demand side flexibility



Mobilising capital to fast-track projects



Delivering sustainable solutions to safeguard water ecosystems





The World Utilities Congress is quickly becoming one of the most important meeting places for the energy and water sectors in the world. The objectives of this highly significant event were designed to encourage global partnerships in the fight against climate change. Solidarity and collaboration worldwide are necessary to reach our net-zero goals; and so we must take a long-term view and work together across borders to develop innovative solutions that pave the way to a cleaner and greener future.

Her Highness Sheikha Shamma bint Sultan bin Khalifa Al Nahyan
President and Chief Executive Officer

**UAE Independent
Climate Change Accelerators
(UICCA)**



SESSIONS FORMAT



MINISTERIAL PANELS

Convening global ministers from the energy, power, and water industries for high-level, impactful dialogues around policies, partnerships, and investments needed to decarbonise energy systems and address challenges around energy sovereignty, security, and sustainability.



GLOBAL LEADERSHIP PANELS

Global CEOs, regulators, policymakers, and decision makers take the stage to discuss the strategies, initiatives, and projects planned and delivered to reduce emissions, meet rising demand, and transition to cleaner, low-carbon energy systems.



INDUSTRY DIALOGUES

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

REGISTER AS A CONFERENCE DELEGATE  worldutilitiescongress.com/confreg

STRATEGIC SESSIONS AT A GLANCE

MONDAY 16 SEPTEMBER 2024	TUESDAY 17 SEPTEMBER 2024	WEDNESDAY 18 SEPTEMBER 2024
<p>10:00 - 10:45 OPENING CEREMONY (By Invitation Only)</p>	<p>10:30 – 11:30 MINISTERIAL PANEL Tripling renewable energy capacity: from ambition to action</p>	<p>10:00 - 10:45 GLOBAL LEADERSHIP PANEL Improving operational efficiency and security</p>
<p>10:45 - 11:30 VIP EXHIBITION OPENING</p>	<p>11:30 – 12:15 GLOBAL LEADERSHIP PANEL Megabytes to megawatts: driving innovation and efficiency in power generation</p>	<p>10:45 - 11:15 INDUSTRY DIALOGUE Forging a sustainable regulatory roadmap</p>
<p>11:30 - 12:15 MINISTERIAL PANEL From COP28 to COP29: fast-tracking climate action from pledges to reality</p>	<p>12:15 – 13:00 GLOBAL LEADERSHIP PANEL Adopting customer-centric approach</p>	<p>11:15 – 11:45 INDUSTRY DIALOGUE Driving ESG transformation with innovation, transparency, and accountability</p>
<p>12:15 - 13:00 GLOBAL LEADERSHIP PANEL Industry leadership on the road to 2030 and beyond (UNEZA)</p>	<p>14:00 – 14:30 INDUSTRY DIALOGUE The green price tag: carbon pricing for the power sector</p>	<p>11:45 – 12:30 GLOBAL LEADERSHIP PANEL Unlocking a low-carbon hydrogen economy</p>
<p>14:00 - 14:45 GLOBAL LEADERSHIP PANEL Balancing act: tackling demand disruption with sustainable and reliable supply</p>	<p>14:45-15:15 INDUSTRY DIALOGUE Aligning policies to unlock the potential of district cooling</p>	<p>12:30 – 13:00 INDUSTRY DIALOGUE Waste to wealth: driving sustainability through circular economy practices</p>
<p>14:45 - 15:30 GLOBAL LEADERSHIP PANEL Safeguarding water security</p>	<p>15:15-16:00 GLOBAL LEADERSHIP PANEL Nuclear in 21st century power systems</p>	<p>14:00 – 14:45 GLOBAL LEADERSHIP PANEL Combatting intermittency challenges with storage and flexibility solutions</p>
<p>15:30 - 16:00 INDUSTRY DIALOGUE Decoupling growth from emissions to advance progress in the Global South</p>	<p>16:00-16:30 INDUSTRY DIALOGUE Decarbonising heavy industries</p>	<p>14:45 – 15:15 INDUSTRY DIALOGUE Race to zero: driving sustainability in urban mobility</p>
<p>16:00 - 16:45 GLOBAL LEADERSHIP PANEL Driving increased investments while navigating risk, inflation and ESG</p>	<p>16:30-17:15 GLOBAL LEADERSHIP PANEL Fostering resilient water ecosystems of tomorrow</p>	<p>15:15 – 16:00 GLOBAL LEADERSHIP PANEL Fostering talent for an evolving energy landscape</p>
<p>16:45 - 17:30 GLOBAL LEADERSHIP PANEL Building the grid of the future</p>		

Lunch & Networking on all 3 days will be from 13:00-14:00

GLOBAL CEOs AND INDUSTRY THOUGHT LEADERS CONFIRMED TO SPEAK



H.E. Suhail Bin Mohamed Al Mazrouei
Minister of Energy and Infrastructure
United Arab Emirates



H.E. Yaser bin Ebrahim Humaidan
Minister of Electricity and Water Affairs
Kingdom of Bahrain



H.E. Prof. Hani Sewilam
Minister of Water Resources and Irrigation
Egypt



H.E. Dr. Aun Dheyab Abdulla
Minister of Water Resources
Iraq



H.E. Madam Chengqing ZHU
Vice Minister
Ministry of Water Resources of China



H.E. Dr. Sao-Kpato Hannah Isatta Max-Kyne
Minister of Water Resources and Sanitation
Sierra Leone



Dr. The Hon. William F. Duguid, J.P., M.P.
Senior Minister for Infrastructure
Barbados



H.E. Eng. Awaidha Murshed Al Marar
Chairman
Department of Energy, Abu Dhabi



H.E. Dr. Adrian Băzavan
Foreign affairs adviser
Ministry of Energy
Romania



Jasim Thabet
Group CEO & MD
TAQA



Francesco La Camera
Director General
International Renewable Energy Agency (IRENA)



H.E. Eng. Mohamed Al Hammadi
CEO
Emirates Nuclear Energy Corporation (ENEC)



Luc Rémont
Chairman & CEO
EDF



Fabrizio Fabbri
CEO
Ansaldo Energia SpA



Alistair Phillips-Davies
CEO
SSE



Eng. Khaled Alqureshi
CEO
SWPC



Yousif Al Ai
CEO
Etihad Water & Electricity



Izumi Kai
CEO, JERA Asia Pte. Ltd, Head of Platform Business Division
JERA



Khalid Al Marzooqi
CEO
Tabreed



Ben Backwell
CEO
Global Wind Energy Council (GWEC)



Deepak Ravindran
CEO
Kraken Utilities



HE. Dr. Saif Saeed Al Qubaisi
A/Director General of Regulatory Affairs
Department of Energy



Daniela Gentile
CEO
Ansaldo Nucleare SpA



Atsushi Suzuki
President & CEO
Marubeni Middle East Africa Power



Sabrina Soussan
CEO
SUEZ



David Landon
CEO
MoltexFLEX



James Humfrey
CEO, Morocco – UK
Power Project
Xlinks



Saeed Khalfan Al Ghafri
CEO
Emirates Steel



Farid Al Awlaqi
CEO Generation
TAQA



Alessandra Pasini
Co-Founder & President
Zhero



Dr Afif Al Yafei
CEO
TRANSCO



Waseem Ashraf Qureshi
CEO and Inventor
Enercap Energy Holdings Limited



Philippe Bourdeaux
CEO - Africa, Near and Middle East
Veolia



Shannon McCarthy
Secretary General
International Desalination and Reuse Association (IDRA)



Omar Al Hashmi
Chief Executive Officer, Transmission & Distribution
TAQA



Charles-Edouard Mellagui
CEO, Cable Business Unit
Ducab



Steve Lemoine
CEO, Middle East
Dalkia



Eng. Ahmed Al Shamsi
Managing Director & CEO
SWS



Joe Mastrangelo
CEO
Eos Energy Storage



Helmut von Struve
CEO
Siemens Middle East



Anders Lindberg
President, Energy, Executive Vice President
Wärtsilä Corporation



Yasser S. Alshahrani
VP of Trading
Saudi Power Procurement Company



Sophie Borgne
Global Segment President
Water and Wastewater
Schneider Electric



Lina Osman
Managing Director & Head
– Sustainable Finance,
West
Standard Chartered



Ingo Kleinschmidt
CFO
**ACX (AirCarbon
Exchange)**



Otmame Benamar
CTO EMEA, Gas Power
GE Vernova



Prof. Phil Hart
Chief Researcher,
Renewable and Sustainable
Energy Research Center
**Technology Innovation
Institute (TII)**



Santiago Bañales López
Managing Director
Iberdrola Innovation
Middle East



Gavin van Tonder
Managing Director -
Water
NEOM



Sulaiman Turki
Chief Strategy &
Development Officer
SWPC



Marcus Stewart
Lead Green Grids Initiative,
International Energy
Transition
**Department for Energy
Security and Net Zero, UK**



Laura Thomson
General Counsel
**Emirates Water &
Electricity Company**



Roberto Bocca
Head, Centre for Energy
and Materials
World Economic Forum



Jon Ball
President - eVinci
**Microreactor Business
Westinghouse Electric
Company**



Tomaz Guadagnin
AMEA Managing Director
and GCC Country
Manager
Engie



Khaldoun Bouacida
Managing Director &
Country Cluster Head
Arabian Peninsula
BASF Middle East LLC



Manish Dabkara
Chairman & MD
EKI Energy Services Ltd



Hebah Abbas
Chairwoman
**Kuwait Water
Association**



Angela Homsy
Founder & President
Ignite Power



Bernard Dagher
Chief Strategy Officer
GE Vernova



Benjamin Tam
CEO
Isle Utilities



Laurent Longuet
Chief Operating Officer
**SirajPower, a Positive
Zero company**



Antonio Di Cecca
CEO
Vulcan Green Energy



Mark Blackwell
CEO
Apex Investments



Robin Mills
CEO
Qamar Energy



Luqman Niazi
Global Managing Partner
Industries & Assets
IBM



Tony Oehm
CEO & Co-Founder
ZeroEx



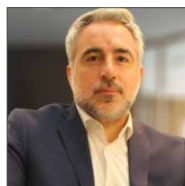
Adam Ridgway
Founder & CEO
One Moto



**Eng. Abdulla Al
Khemeiri**
COO
**Ethihad Water &
Electricity**



Dr. Yousif Al Hammadi
Chief Asset Management
Officer
Tabreed



Ezzeddine Jradi
Chief Transformation &
Business Excellence Officer
Emicool



Wim Alen
Chief Strategy & BD Officer
Flex Generation & Retail and
Deputy VP Battery Energy
Storage System
Engie



Rizwan Rizaq
CTO, Smart PV
Huawei Middle East



Salih Merghani
VP of Energy Services
**Olayan Financing
Company**



Nirupa Chander
VP Power Systems -
Middle East & Africa Region
Schneider Electric



Nawal Alhanea
Director of Future Energy
Department
**Ministry of Energy and
Infrastructure, UAE**



Ashish Sethia
Global Head of
Commodities, Energy &
Environmental Markets
BloombergNEF



Semih Ozkan
Executive Director,
EMEA - Energy, Power,
Renewables, Metals &
Mining
J.P. Morgan Chase Bank



Cornelius Matthes
CEO
Dii Desert Energy



Dr. Fahad Al Yafei
CTO - Middle East and
Head of Innovation Center
Abu Dhabi
Siemens Energy



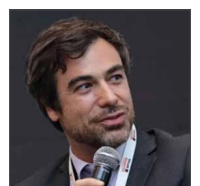
Maurizio De Stefano
Senior Vice President
Minsait



Frank Wouters
Chairman
MENA Hydrogen Alliance
and Director
MED-GEM Network



Nauman Afsar
Regional VP - MEA &
Turkey
Oracle Utilities



Karim Megherbi
Founder & Executive
Director, Orisun Invest,
and Board Member
Global Solar Alliance

MONDAY, 16 SEPTEMBER 2024

10:00 - 10:45

Opening ceremony *(By Invite Only)*

MASTER OF CEREMONIES:



Mucha Hazel Nyandoro
Chief of Professionals Tribe
& MC
World Utilities Congress

SPEAKERS:



H.E. Suhail Bin Mohamed Al Mazrouei
Minister of Energy and Infrastructure
United Arab Emirates



Jasim Thabet
Group CEO & MD
TAQA



H.E. Mahmoud Abu-Zeid
President
Arab Water Council



Prof. Loic Fauchon
President
World Water Council

10:45 - 11:30

VIP Exhibition Opening

11:30 - 12:15

From COP28 to COP29: fast-tracking climate action from pledges to reality

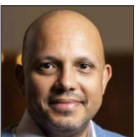
Ministerial Panel

At COP28, the call to transition from fossil fuels rang clear. While the UAE Consensus' push to move away from fossil fuels is a vital milestone, implementing the Global Renewables and Energy Efficiency Pledge will be critical in accelerating climate action. Ensuring a just and equitable transition that is rapidly scaled up will require significant investment and policy support, public-private partnerships, and the development of transparent plans encompassing electrification and grid infrastructure, emissions reduction, decarbonisation of heavy industries, demand side management as well as security of supply, and industrial competitiveness. In addition, ensuring water security and resilience of the water ecosystem will be critical, particularly for countries already impacted by climate change and water scarcity challenges.

Attendee Insights

As the global shift towards sustainable energy sources accelerates, establishing tangible mechanisms to actualise the commitments made at COP will be crucial. Global ministers will discuss these mechanisms and pave the way for transforming pledges into concrete actions.

MODERATOR:



Tamer Obied
MD & Senior Partner
BCG

PANELISTS:



H.E. Dr. Sao-Kpato Hannah Isatta Max-Kyne
Minister of Water Resources and Sanitation
Sierra Leone



Hon. Dr. William Duguid J.P., M.P.
Senior Minister in the Prime Minister's Office
Barbados

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MONDAY, 16 SEPTEMBER 2024

12:15 - 13:00

Industry leadership on the road to 2030 and beyond (UNEZA)

Global Leadership Panel

To unlock the potential of utilities in the global energy transition, it is essential to identify and tackle the existing structural, regulatory, and financial barriers that may impede progress. While a just and equitable transition will span decades, it will be propelled by advanced electrification, renewables-ready grids, and clean energy deployment. COP28 saw the announcement of the Utilities for Net Zero Alliance (UNEZA), a cross-border, multilateral alliance guided by IRENA and the UN Climate Change High-Level Champions aimed at meeting decarbonisation goals and enabling the transformation of tomorrow's energy systems. How will UNEZA propel action towards meeting net-zero goals set by the industry, and what is the guidance for utilities around the world to support achievement of COP28 pledges?

Attendee Insights

Hosting global network of UNEZA member companies, this session will provide insight on key topics including capital mobilisation, supply chain resilience, capacity building, technology development scale-up and transfer, and engagement with policymakers and regulators.

MODERATOR:



Mucha Hazel Nyandoro
Chief of Professionals Tribe
& MC
World Utilities Congress

PANELISTS:



Jasim Thabet
Group CEO & MD
TAQA



H.E. Eng Mohamed Al Hammadi
CEO
Emirates Nuclear Energy Corporation (ENEC)



Luc Rémont
Chairman & CEO
EDF



Alistair Phillips-Davies
CEO
SSE



Ben Backwell
CEO
Global Wind Energy Council (GWEC)

13:00 - 14:00

Lunch & Networking

14:00 - 14:45

Balancing act: tackling demand disruption with sustainable and reliable supply

Global Leadership Panel

According to the IEA, global electricity demand is projected to double by 2026 as data centers facilitate rapid digital growth and wider adoption of emerging technologies. Additionally, increased investments in smart manufacturing and the reshoring of equipment production have further added to the demand, driving up the urgency for power utilities to meet this demand rapidly and sustainably. Balancing the electrification of energy systems with reliable, affordable, low-carbon power generation would necessitate game-changing policies, demand-side management programs, the establishment of energy super basins, and ultimately, an expansion of renewable and nuclear power generation. Natural gas offers a power-dense solution that is less carbon-intensive and can satisfy rapid fluctuations in the power demand. How are utilities balancing demand and supply side management today, and what does this look like in a net-zero future?

Attendee Insights

Gain comprehensive understanding of the challenges associated with meeting rising demand sustainably, and the potential solutions and strategies to address this critical issue.

MODERATOR:



Rachid Majiti
Managing
Partner
McKinsey

PANELISTS:



Izumi Kai
CEO, JERA Asia Pte. Ltd, Head
of Platform Business Division
JERA



Roberto Bocca
Head, Centre for Energy
and Materials
World Economic Forum

MONDAY, 16 SEPTEMBER 2024

14:45 - 15:30

Safeguarding water security

Global Leadership Panel

By 2030, the global demand for water is projected to outstrip supply by 40%, with approximately 1.6 billion people having limited access to safe drinking water. Climate change will exacerbate water scarcity, as rising temperatures and shifting weather patterns will lead to more frequent and intense droughts, reducing freshwater availability, and affecting sanitation systems. According to the Global Water Partnership, substantial capital investments of up to \$114 billion annually are necessary to address the mounting challenges to water security. Effective utilisation of available technologies and sufficient data are crucial to monitor and manage resources. Investment in climate-resilient water infrastructure is essential to enhance coping capacities, protect and restore freshwater ecosystems, and mitigate the impacts of water scarcity.

Attendee Insights

Hear from global CEOs on the multi-faceted approaches being taken to tackle water scarcity and ensure water security.

MODERATOR:



Hebah Abbas
Chairwoman
Kuwait Water
Association

PANELISTS:



Shannon McCarthy
Secretary General
International
Desalination and Reuse
Association (IDRA)



Sabrina Soussan
CEO
SUEZ



**Eng. Khaled
Alqureshi**
CEO
SWPC



Farid Al Awlaqi
CEO Generation
TAQA



Eng. Ahmed Al Shamsi
Managing Director &
CEO
SWS



Philippe Bourdeaux
CEO - Africa, Near
and Middle East
Veolia

15:30 - 16:00

Decoupling growth from emissions to advance progress in the Global South

Industry Dialogue

Nearly three-fourths of the global growth is expected to come from middle- and low-income countries for the next two to three decades. For these countries, particularly in the Global South, accessibility to affordable and reliable energy is crucial for local economic advancement and will require leveraging the most affordable and accessible supply source to meet the demand. Without deep financial markets, the availability of sustainable financing will become an impediment for the growth and development of local energy markets – and by extension for global growth. Will prices for renewable energy become as competitive as traditional energy sources in the Global South? How can the Global North support the transition in the Global South? Is decoupling of economic development from decarbonisation mandates the best path forward to help incentivise adoption of low carbon solutions in the long run?

Attendee Insights

Hear from industry leaders on the multi-pronged approach and strategies that enable economic growth while managing climate commitments.

PANELISTS:



Christiano Rizzi
MD & Senior Partner
BCG

PANELISTS:



Fabrizio Fabbri
CEO
Ansaldo Energia SpA



Atsushi Suzuki
President & CEO
Marubeni Middle East
Africa Power

MONDAY, 16 SEPTEMBER 2024

16:00 - 16:45

Driving increased investments while navigating risk, inflation and ESG

Global Leadership Panel

Mobilising investments is a complex and multifaceted challenge. In addition to existing infrastructural, regulatory and geopolitical factors, banks and financial institutions are increasingly incorporating ESG and climate risk factors into their investment decisions, making it further challenging to attract investments into the industry. Addressing these challenges will require collaboration between banks, financial institutions, utilities, and policymakers to align investment strategies with climate priorities.

Attendee Insights

Banks, financial institutions and utilities foster collaboration and discuss strategies and solutions necessary to unlock investment into the industry and ensure long-term sustainability.

MODERATOR:



Yasin Kasirga
Decarbonisation Leader,
Carbon Solutions - Middle
East & Africa
GE Vernova

PANELISTS:



HE. Dr. Saif Saeed Al Qubaisi
A/Director General of
Regulatory Affairs
Department of Energy



Lina Osman
MD & Head –
Sustainable Finance,
West
Standard Chartered



Ashish Sethia
Global Head of Commodities
Energy & Environmental
Markets
BloombergNEF



Mark Blackwell
CEO
Apex Investments



Karim Megherbi
Founder & Executive Director,
Orisun Invest, and Board
Member
Global Solar Alliance

16:45 - 17:30

Building the grid of the future

Global Leadership Panel

To meet the demands of the future, operators must prioritise investments that maximise the value of current assets and prepare for evolving needs. This will require a comprehensive approach to grid modernisation, including infrastructure upgrades, integration of smart technologies, and a shift towards decentralised grid powered by distributed energy sources. As energy flows become more complex, the future of the grid will need to become more demand responsive and decentralised.

Attendee Insights

Power utilities will discuss how they are modernising their grids infrastructure and improving the efficiency, reliability and safety of these grids. Issues around decentralisation, demand side management and integrating distributed sources of energy will also be addressed.

MODERATOR:



Diego Hernandez
Partner
McKinsey & Company

PANELISTS:



Dr. Afif Al Yafei
CEO
TRANSCO



James Humfrey
CEO
Xlinks



Marcus Stewart
Lead Green Grids Initiative
Department for Energy
Security and Net Zero, UK



Charles-Edouard Mellagui
CEO, Cable Business Unit
Ducab

TUESDAY, 17 SEPTEMBER 2024

10:30 - 11:30

Tripling renewable energy capacity: from ambition to action

Ministerial Panel

The global push towards tripling renewable energy capacity is a critical step in transitioning to sustainable energy sources. While many countries have made progress towards their renewable energy goals, this decade is vital for speeding up innovation and investments into making renewable energy affordable and deployable at scale. This will require increased international cooperation, ambitious policies, low-emission technologies, long duration storage solutions, increased investments, and diversified sources of supply. Supply and value chain resilience will determine the industry's readiness to meet the challenge of turning ambition and pledges into action.

Attendee Insights

Tripling renewable energy capacity is a core pillar of the energy transition. Global ministers will take the stage to discuss the challenges in meeting this ambition.

MODERATOR:



Ferdinand Varga
MD & Senior Partner
BCG

PANELISTS:



H.E. Nurmammet Nurmammedov
Deputy Minister of Energy
Turkmenistan



H.E. Eng. Awaidha Murshed Al Marar
Chairman, Department of Energy
Abu Dhabi



Francesco La Camera
Director General
International Renewable Energy Agency (IRENA)



Adrian Băzăvan
Foreign Affairs Adviser,
Ministry of Energy
Romania



Content correct as of 15th September and is subject to change

TUESDAY, 17 SEPTEMBER 2024

11:30 - 12:15

Megabytes to megawatts: driving innovation and efficiency in power generation

Global Leadership Panel

Power producers need to streamline energy operations, improve grid management, and enable advanced technologies to reduce energy losses and improve fuel efficiency. Collaboration among energy companies, technology firms, and startups is crucial for driving innovation and improving efficiency. Investments in innovation and wider adoption of technologies including AI, blockchain and IIoT, will have far-reaching impact on optimising operations, improving plant efficiency, advancing energy efficiency, and demand-side management.

Attendee Insights

Gain in-depth understanding on how power producers are leveraging technology to drive efficiency in the generation process and what are the long-term strategies to continue innovating and securing the energy system of the future.

MODERATOR:



Mohammad Ayub
Partner
McKinsey & Company

PANELISTS:



Noel Aoun
Chief Strategy Officer
TAQA



Santiago Lopez Bañales
MD
Iberdrola Innovation
Middle East



Yasser S. Alshahrani
VP of Trading
Saudi Power
Procurement Company



Tomaz Guadagnin
AMEA MD and GCC
Country Manager
Engie



Laurent Longuet
CEO
SirajPower, a Positive Zero
company



Nirupa Chander
VP Power Systems - Middle
East & Africa Region
Schneider Electric

12:15 - 13:00

Adopting a customer-centric approach

Global Leadership Panel

Utilities are recognising that customers now view them not merely as service but as partners empowering sustainable choices. To elevate customer experience, it is paramount for utilities providers to comprehend shifting needs and behaviours. Close monitoring of emerging preferences can reveal opportunities to supplement traditional grid services with customised solutions enhancing energy efficiency and savings. An understanding of an evolving customer base is vital for utilities seeking to solidify their relevance in tomorrow's distributed energy ecosystem.

Attendee Insights

Gain insight into changing customer behaviour and how utilities can capitalize on these to create a robust demand-side management strategy as well as enhance their own approach to customer service.

MODERATOR:



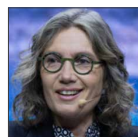
Sherif Ghaleb
Head of Industry Value
Advisory, Middle East &
Africa South
SAP



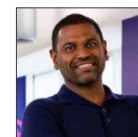
Omar Al Hashmi
CEO - Transmission &
Distribution
TAQA



Dr. Yousif Al Hammadi
Chief Asset
Management Officer
Tabreed



Alessandra Pasini
Co-Founder & President
Zhero



Deepak Ravindran
CEO
Kraken Utilities



Bernard Dagher
Chief Strategy Officer
GE Vernova

TUESDAY, 17 SEPTEMBER 2024

13:00 - 14:00

Lunch & Networking

14:00 - 14:45

The green price tag: carbon pricing for the power sector

Global Leadership Panel

Carbon pricing can be a powerful instrument to drive power sector decarbonisation, helping to unlock the trillions of dollars in private capital needed to reach emissions reduction targets. Increasingly, carbon trade is experiencing rapid growth, providing a solution for hard-to-abate sectors to accelerate decarbonisation beyond value chain mitigation. In the long term, carbon pricing will complement the climate finance toolkit, providing companies with an incentive to invest in cleaner resources. Challenges around equity, pricing and policy inconsistency will need to be addressed.

Attendee Insights

Industry leaders discuss how carbon pricing is influencing investment decisions, generation mix, and driving emissions reductions in the power sector.

MODERATOR:



Daniel Hacki
Head of Energy Transition
EnBW Energie Baden-
Württemberg

PANELISTS:



Manish Dabkara
Chairman & MD
EKI Energy
Services Ltd



Ingo Kleinschmidt
CFO
ACX (AirCarbon Exchange)



Tony Oehm
CEO & Co-Founder
ZeroEx



Antonio Di Cecca
COO
Tabreed

14:45 - 15:15

Aligning policies to unlock the potential of district cooling

Industry Dialogue

With cooling demand expected to triple in the GCC by 2030, district cooling offers significant operational and cost efficiencies, and plays a vital role in fostering sustainable development in the region. District cooling can help governments save on operational costs and maintenance by utilising centralised cooling infrastructure, reduce the need for new power plants, decrease reliance on fossil fuels, and significantly cut down greenhouse gas emissions. By regulating the district cooling sector, governments can enhance market competition, ensure fair pricing, and foster sector profitability while reflecting the benefits of district cooling in end-users' tariffs. How can governments integrate district cooling into urban planning and actively participate in its implementation?

Attendee Insights

Gain insight into the policy and regulatory ecosystem for district cooling.

MODERATOR:



Dr. Corrado Sommariva
CEO
Sustainable Water & Power
Consultants (SWPC)



Khalid Al Marzooqi
CEO
Tabreed



Steve Lemoine
CEO
Middle East
Dalkia

TUESDAY, 17 SEPTEMBER 2024

15:15 - 16:00

Nuclear in 21st century power systems

Global Leadership Panel

At COP28, over 20 nations pledged to triple nuclear power capacity by 2050, recognising the key role of nuclear energy in achieving global net-zero greenhouse gas emissions and keeping the 1.5-degree goal within reach. Nuclear energy is already the second largest source of clean dispatchable baseload power. However, addressing higher project costs, reliability, safety and security concerns and economic efficiency will be crucial for wider adoption of nuclear energy as well as to turn pledge into action. SMRs and advanced nuclear technologies offer promising solutions to current challenges to tripling nuclear power capacity but will require guidelines and certifications around standardisation.

Attendee Insights

Unlock insight into the opportunities SMRs and advanced nuclear technologies will provide for the nuclear industry to triple capacity, reduce costs, and reduce project delivery timelines.

MODERATOR:



Dr. Yacine Addad
Associate Professor, Associate Chair, Nuclear Engineering & Deputy Director, ENTC Nuclear Engineering
Khalifa University of Science and Technology

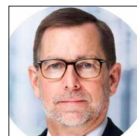
PANELISTS:



Daniela Gentile
CEO
Ansaldo Nucleare SpA



David Landon
CEO
MoltexFLEX



Jon Ball
President - eVinci
Microreactor Business
Westinghouse Electric Company



Sara Al Saadi
Nuclear Safety Director
Federal Authority for Nuclear Regulation



TUESDAY, 17 SEPTEMBER 2024

16:00 - 16:30

Decarbonising heavy industries

Industry Dialogue

Accounting for approximately 22% of global CO2 emissions, decarbonisation of heavy industries is a crucial piece of the energy transition puzzle. COP28 saw the launch of the Industrial Transition Accelerator (ITA), a \$30 million financial alliance poised to accelerate decarbonisation at scale across high-emitting sectors. Innovation and large-scale deployment of low-carbon technologies and solutions will play a pivotal role in curbing emissions and fostering decarbonisation and sustainability in these industries. The global market for low-carbon industrial technologies is expected to reach \$1.3 trillion by 2030, reflecting increasing demand. Cross-sector collaboration, regulatory incentives, and large-scale investments will be crucial for heavy industries to gain affordable access to low-carbon products and green energy.

Attendee Insights

Gain insights into the implementation of strategies, processes, and technological advancements, in the decarbonisation of heavy industries.

MODERATOR:



Abhay Bhargava
Associate Partner & Regional
Leader – Energy &
Environment
Frost & Sullivan

PANELISTS:



Saeed Khalfan Al Ghafri
CEO
Emirates Steel



Helmut von Struve
CEO
Siemens Middle East

16:30 - 17:15

Fostering water ecosystems of tomorrow

Global Leadership Panel

With rapid urbanisation, growing population, and rising temperatures globally, water is becoming an increasingly valuable resource, especially in countries with harsh climates and low groundwater resources. What actions can be taken now to ensure the world doesn't face a global water crisis in the future? What technologies, strategies and solutions can be implemented to remove pressure from the depleting groundwater resources and improve water treatment? Can a circular economy model be adopted to address depleting freshwater crisis? Does water desalination present the ideal solution to global water scarcity?

Attendee Insights

This session will present potential strategies and policies for ensuring consistent water supply globally and sustainable management of water resources.

MODERATOR:



Nawied Jabarkhyl
Director - Head of
International Media
Relations
APCO Worldwide

PANELISTS:



Yousif Al Ali
CEO
**Etihad Water &
Electricity**



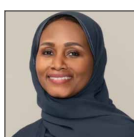
Sophie Borgne
Global Segment
President Water and
Wastewater
Schneider Electric



Benjamin Tam
CEO
Isle Utilities



Gavin van Tonder
MD - Water
NEOM



Dr. Tarifa Al Zaabi
Director General
**International Center for
Biosaline Agriculture (ICBA)**



Bruce Smith
Strategy and Planning Executive
Director
EWEK

WEDNESDAY, 18 SEPTEMBER 2024

10:00 – 10:45

Improving operational efficiency and security

Global Leadership Panel

Digital innovations are reshaping operations across power, water, gas, and district cooling systems. Utilities will gain unparalleled leverage in converging their IT and Operational technology. As utilities adopt more complex monitoring technology, smart meters, analytics, and AI, adopting a security-first approach will be crucial. As the energy landscape becomes more interconnected and complex, utilities will need to address challenges around developing a skilled workforce, advanced technology integration, and data management.

Attendee Insights

Gain insight into the best practices to streamline operations, enhance efficiency, boost customer satisfaction, and ensure long-term success in delivering high-quality services.

MODERATOR:



Vijay Jaswal
CTO
IFS

PANELISTS:



Ezzeddine Jradi
Chief Transformation &
Business Excellence
Officer
Emicool



Eng. Abdulla Al Khemeiri
COO
Etihad Water &
Electricity



Nauman Afsar
Regional VP - MEA &
Turkey
Oracle Utilities

10:45 – 11:15

Forging a sustainable regulatory roadmap

Industry Dialogue

Navigating the utilities sector's regulatory landscape is key to achieving a sustainable future. This will require aligning policies with net-zero ambitions and evolving energy needs. Prioritising regulatory support to accelerate electrification, energy infrastructure projects as well as commercialisation of new technologies in achieving net-zero will be necessary. Adapting to changing energy systems and regulations, enhancing security measures, and ensuring effective communication with stakeholders are crucial to navigate these challenges successfully.

Attendee Insights

As utilities navigate the way to become more sustainable and efficient, the regulatory pathways must evolve as well. This panel will convene policymakers and regulators to discuss the ways forward for sustainable regulatory roadmap.

MODERATOR:



Stephen Tudhope
Power, Water &
Environment
PwC

PANELISTS:



Khadija Hasan Bin Braik
Technical Regulation
Director
Department of Energy



Laura Thomson
General Counsel
Emirates Water &
Electricity Company



Dr. Jan Haizmann
Secretary General
Zero Emissions Traders
Alliance (ZETA)a

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WEDNESDAY, 18 SEPTEMBER 2024

11:15 – 11:45

Driving ESG transformation with innovation, transparency, and accountability

Industry Dialogue

ESG reporting continues to be at the top of the executive agenda. In the coming years, the evolution of ESG initiatives will transcend compliance, and pivot towards entrepreneurial sustainability. Transformative trends of circular business models, climate solutions, and social justice, will play a central role in business decisions, particularly in the power, water, gas, and district cooling industries. It remains to be seen how businesses will leverage these trends beyond corporate compliance and drive real impact and change.

Attendee Insights

Hear from industry leaders on how ESG principles enhance sustainability efforts, reduce environmental impact, address social considerations, and promote good governance in their operations.

MODERATOR:



Gus Schellekens
Sustainability and Climate
Change Advisor
KPMG Lower Gulf

PANELISTS:



Robin Mills
CEO
Qamar Energy



Cornelius Matthes
CEO
Dii Desert Energy



Salih Merghan
VP of Energy Services
Olayan Financing



Semih Ozkan
Executive Director, EMEA -
Energy, Power, Renewables,
Metals & Mining
J.P. Morgan Chase Bank

11:45 – 12:30

Unlocking low-carbon hydrogen economy

Global Leadership Panel

Low carbon hydrogen and related vectors can contribute to as much as 6% of global greenhouse gases reduction between 2021-2050, according to the IEA's Net Zero Emissions scenario. However, establishing a mature, global market for this low-carbon hydrogen will require scaling up investments, developing shared adoption of standards, build new and upgrade existing infrastructure, and scale deployment of renewable capacity. At COP28, 39 countries endorsed the UAE Hydrogen Declaration of Intent, establishing a shared certification framework to support investment decisions and trade of low-carbon hydrogen. Partnerships and alliances will be critical in unlocking barriers along the value chain, strengthening the market, and promoting investment decisions into hydrogen projects.

Attendee Insights

Industry leaders will take center stage to discuss the challenges and opportunities to achieving a low-carbon hydrogen economy.

MODERATOR:



Chris Larsen
Senior Director
Clean Energy
Dynapower Company LLC

PANELISTS:



Otmame Benamar
CTO EMEA
Gas Power
GE Vernova



Khaldoun Bouacida
Managing Director &
Country Cluster Head
Arabian Peninsula
BASF Middle East LLC



Nawal Alhanaee
Director of Future Energy
Department
Ministry of Energy and
Infrastructure, UAE



Frank Wouters
Chairman
MENA Hydrogen
Association



Dr. Malcolm Cook
Senior Vice President
Chemicals & Process
Technologies – Middle East &
Turkey
thyssenkrupp AG



Tim Rembold
Vice President -
Petrochemicals
SLB

WEDNESDAY, 18 SEPTEMBER 2024

12:30 – 13:00

Waste to wealth: driving sustainability through circular economy practices

Industry Dialogue

The International Energy Agency (IEA) predicts that waste-to-energy (WtE) will power 20% of global electricity needs by 2050. However, challenges in energy and resource recovery, environmental impact, and alignment with circular economy principles persist. Utilities can lead the way towards a greener future by harnessing waste-to-energy and promoting sustainability through resource recovery and energy generation. The transformation of waste into revenue and circular economy practices will play a pivotal role in driving sustainability and ramping decarbonisation efforts of utilities. However, overcoming challenges and aligning with wider goals is crucial for the successful implementation of circular economy initiatives in the utilities sector.

Attendee Insights

Learn how circular economy practices will offer a competitive advantage for power utilities and enhance resource security.

MODERATOR:



Dr. Shihab Fiboraj
Partner
Strategy&

PANELISTS:



Sulaiman Turki
Chief Strategy & Development
Officer
SWPC



Mohammed Al Rayees
Dairector, Waste Strategy and
Projects
Dubai Municipality

13:00 - 14:00

Lunch & networking

14:00 – 14:45

Combatting intermittency challenges with storage and flexibility solutions

Global Leadership Panel

Investment in renewable energy is skyrocketing, with market for flexibility solutions ranging from utility-scale battery and long-duration storage solutions to innovative demand-side flexibility schemes, which will play a crucial role in addressing intermittent power supply. According to the IEA, grid-scale battery storage must reach 970 GW by 2030 to support global net-zero goals, nearly doubling current projections. Long-duration energy storage and similar technologies can continue to supply energy when renewable generation faces intermittency and curtailment issues. Innovative demand-side flexibility technologies and incentive schemes have potential to contribute cost effectively. However, a challenging regulatory landscape and circularity issues are the biggest obstacles large scale adoption and deployment of storage solutions.

Attendee Insights

Hear from industry leaders on their strategies to overcome the challenges in adoption of utility-scale battery and long duration storage solutions, and future opportunities for solutions and technologies that can address intermittency issues with renewable energy sources.

MODERATOR:



Chris Young
Managing Director, Energy
Strategy & Performance
Transformation
KPMG UK

PANELISTS:



Joe Mastrangelo
CEO
Eos Energy Storage



Wim Alen
Chief Strategy & BD Officer
Flex Generation & Retail and
Deputy VP Battery Energy
Storage System
Engie



Prof. Phil Hart
Chief Researcher
Renewable and Sustainable
Energy Research Center
Technology Innovation
Institute (TII)



Mr. Anders Lindberg
President, Energy, Executive
Vice President
Wärtsilä Corporation



Luqman Niazi
Global Managing Partner
Industries & Assets
IBM



Rizwan Rizaq
CTO, Smart PV
Huawei Middle East

WEDNESDAY, 18 SEPTEMBER 2024

14:45 – 15:15

Race to zero: driving sustainability in urban mobility

Industry Dialogue

The current landscape of cities is changing, necessitating the need to transition transportation systems towards more sustainable options including electric vehicles, and develop widespread public transport networks accessible to all. This transition will require large investments into building charging infrastructure and converting existing fleets. The CASE (connected, autonomous, shared, electrification) revolution is driving forth a new era of mobility solutions however, challenges around investment and transition to electrification persist. While public-private partnerships will play a key role in bridging these gaps, a holistic view from technology to policy and regulatory to consumer behaviour will be crucial in driving forward sustainability in urban mobility.

Attendee Insights

Mobility and energy leaders discuss key strategies for reducing greenhouse gas emissions and creating a sustainable and environmentally friendly transportation system.

MODERATOR:



Biren Gandhi
Global Energy and
Utilities Practice
Leader
IBM Consulting

PANELISTS:



Adam Ridgway
Founder & CEO
One Moto



Waseem Ashraf Qureshi
CEO and Inventor
Enercap Energy Holdings
Limited



Ali Al Marzooqi
Head of Mobility
Positive Zero

15:15 – 16:00

Fostering talent for an evolving energy landscape

Industry Dialogue

As the energy sector transitions towards diverse low-carbon sources and technologies, it will be critical to develop a skilled workforce that can support this shift. However, attracting talent amidst intense competition requires comprehensive strategies beyond singular solutions. Utilities need to couple reskilling and professional development programs with strong well-being initiatives and commitments to diversity, equity, and inclusion. Organisations and leaders who demonstrate establishing an inclusive culture that empowers next-generation talents will be best positioned to mobilise a workforce capable of navigating the changing energy landscape.

Attendee Insights

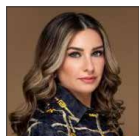
Gain insight into the strategies and pivots needed to develop the workforce of the future.

MODERATOR:



Gunjan Shroff
Partner, People &
Organization
KPMG Lower Gulf

PANELISTS:



Hebah Abbas
Chairwoman
Kuwait Water
Association



Dr Fahad Al Yafei
CTO - Middle East and
Head of Innovation
Center, Abu Dhabi
Siemens Energy



Maurizio De Stefano
Senior Vice President
Minsait



Dr. Amro Elshurafa
Executive Director - Utilities and
Renewables Department
KASPSARC

CONFERENCE PASS PACKAGES

PASS TYPE	STANDARD RATE
<p>PREMIUM ALL ACCESS CONFERENCE PASS</p>  <ul style="list-style-type: none"> World Utilities Congress Strategic Conference: 3-day pass Arab Water Forum Strategic Conference: 3-day pass Technical Conference: 3-day pass <i>(CPD Accredited)</i> Delegate Lunch Access to Exhibition Halls 	<p>\$2,499</p>
<p>ALL ACCESS CONFERENCE PASS</p>  <ul style="list-style-type: none"> World Utilities Congress Strategic Conference: 3-day pass Technical Conference: 3-day pass <i>(CPD Accredited)</i> Delegate Lunch Access to Exhibition Halls 	<p>\$1,999</p>
<p>STRATEGIC CONFERENCE PASS</p>  <ul style="list-style-type: none"> Strategic Conference: 3-day pass Delegate Lunch Access to Exhibition Halls 	<p>\$1,499</p>
<p>TECHNICAL CONFERENCE PASS</p>  <ul style="list-style-type: none"> Technical Conference: 3-day pass <i>(CPD Accredited)</i> Delegate Lunch Access to Exhibition Halls Gain CPD Points 	<p>\$999</p>



Co-located with World Utilities Congress, the Arab Water Forum Strategic Conference provides a forum for leaders and policymakers to collaboratively shape strategies and accelerate solutions that will safeguard regional water security to ensure future prosperity for the Arab world.

Find out more: www.arabwaterforum.org

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TECHNICAL CONFERENCE



The Technical Conference offers utilities industry professionals unprecedented access to the latest industry knowledge and research findings, technical expertise, new project developments, state of the art technologies and industry best practices.

Spanning the entire power and water value chain, the World Utilities Congress 2024 Technical Conference has been created after a thorough two-stage review by the Technical Committee, comprising 53 industry specialists. The conference features 100 industry experts speaking at 24 sessions across three days and covers power generation, transmission and distribution, water management, water sewage, district cooling and customer engagement.

GAIN CPD POINTS

The World Utilities Congress Technical Conference is now accredited by the CPD Certification Service, which provides recognised independent accreditation compatible with global requirements for energy professionals.



TECHNICAL CONFERENCE IN NUMBERS



100
TECHNICAL
SPEAKERS



53
TECHNICAL
COMMITTEE
MEMBERS



24
TECHNICAL
SESSIONS

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12 TECHNICAL CATEGORIES

TECHNICAL SESSIONS AT A GLANCE

	TIME	SESSION	CAPITAL SUITE 8	SESSION	CAPITAL SUITE 9
MONDAY 16 SEPTEMBER	10:00-11:30	1	Smart grids - enhancing resilience and efficiency	2	Exploring new energy systems
	11:30-13:10	3	Advancements in power generation R&D	4	Advances in desalination and water treatment strategies
	14:00-15:40	5	Building sustainable smart communities and intelligent infrastructure	6	Hydrogen production and infrastructure: from innovation to implementation
	15:40-17:20	7	Empowering utilities through AI, data analytics, and emerging technologies	8	Enhancing asset performance and management
TUESDAY 17 SEPTEMBER	10:00-11:40	9	Unlocking the potential of energy storage and EMS	10	Pathways for decarbonisation
	11:40-13:10	11	Unveiling the power of digital twins, IoT, and connected performance	12	Utilisation of hydrogen for power gen and automotive
	14:00-15:40	13	Water treatment and resource management	14	Modernisation strategies and innovations in power systems
	15:40-17:00	15	Operational excellence 4.0	16	Integrated safety culture
WEDNESDAY 18 SEPTEMBER	10:00-11:30	17	Advancing transmission and distribution networks	18	Sustainable solutions for wastewater management and resource recovery
	11:30-13:10	19	Balancing compliance, innovation and securing critical infrastructure	20	Grid integration and demand side management strategies
	14:00-15:40	21	Maximising energy efficiency and innovations in cooling systems	22	Workforce of the future
	15:40-17:20	23	Innovations powering the energy sector	24	Enabling a sustainable energy transition

2024 EXECUTIVE STEERING COMMITTEE



Jasim Thabet
Group CEO & Managing Director
TAQA

COMMITTEE CHAIRMAN



H.E. Karim Badawi
Minister of Petroleum and Mineral Resources
Arab Republic of Egypt



H.E. Dr. Saif Al Nasri
Undersecretary
Department of Municipalities and Transport, Abu Dhabi



H.E. Rashed Abdulkarim AlBlooshi
Undersecretary
Abu Dhabi Department of Economic Development



H.E. Eng. Abdulla Hassan Al Muaini
Executive Director of Central Testing Laboratory
Abu Dhabi Quality and Conformity Council (ADQCC)



H.E. Dr. Mahmoud Abu-Zeid
Former Minister of Water Resources & Irrigation,
Arab Republic of Egypt, and President Arab Water Council



Dr Afif Saif Al Yafei
CEO
Abu Dhabi Transmission and Despatch Company (TRANSCO)



Ali Al Naqbi
CEO
Wekaya



Fabrizio Fabbri
CEO
Ansaldo Energia SpA



Charles-Edouard Mellagui
CEO, Cable Business Unit
Ducab



John Roper
CEO, Middle East
Uniper



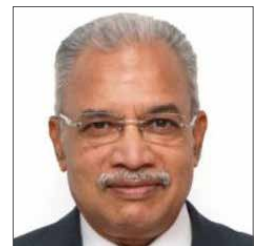
Eng. Saleh Al Rumhi
CEO
Oman Electricity Transmission Company



Gavin van Tonder
Managing Director - Water
NEOM



Khalid Bin Hadi
Managing Director for the UAE
Siemens Energy



T Madhava Das
Whole-Time Director & Sr EVP (Utilities)
Larsen and Toubro (L&T)



Amel Chadli
President of Gulf Cluster
Schneider Electric



Marcus Stewart
Lead Green Grids Initiative, International Energy Transition
Department for Energy Security and Net Zero, UK



Abdallah Alshamali
Policy & Projects Director
Global Solar Council



Heather Buchanan
CEO and Co-Founder
Bankers for Net Zero



Hebah Abbas
Chairwoman
Kuwait Water Association



Frank Wouters
Chairman, MENA
Hydrogen Alliance and
Director
MED-GEM Network



Dr. Sama Bilbao y León
Director General
**World Nuclear
Association**



Eng. Yousif Al Ali
CEO
**Ethad Water &
Electricity**



**Eng. Khaled Z.
AlQureshi**
CEO
**Saudi Water Partnership
Company**



Saeed Khalfan Al Ghafri
CEO
Emirates Steel



Marco Arcelli
CEO
ACWA Power



Khalid Al Marzooqi
CEO
Tabreed



Luc Koechlin
CEO - Middle East
EDF



Santiago Bañales López
Managing Director
**Iberdrola Innovation
Middle East**



Tomaz Guadagnin
Managing Director
Flexible Generation
& Retail, and Country
Manager, GCC & Pakistan
ENGIE



Mostafa AlGuezeri
Managing Director - Gulf
& Maghreb
Hitachi Energy



Eng. Ahmed Al Shamsi
Managing Director & CEO
SWS



Ashwani Dudeja
President & Director
(Green Hydrogen &
Ammonia)
ACME Group



Lina Osman
Managing Director &
Head – Sustainable
Finance, West
Standard Chartered



Dr. Steven Griffiths
Former SVP, Research
and Development &
Professor
Khalifa University



Ilias Abdo
CEO
Hydropower Energy



Brent Li
MD, Enterprise Business
Group
Huawei UAE



Ferdinand Varga
Managing Director &
Senior Partner
BCG



Gareth Wynn
Chief Communications
Officer
TAQA



Jean-Philippe Cossé
Senior Vice President
dmg events

CLEANTECH INNOVATION THEATRE *Free-to-attend*

Technology and climate are interlinked. From reducing scope 3 emissions to achieving resource efficiency, technology will play a crucial role in accelerating action to achieve net-zero emissions.

The CleanTech Innovation Theatre will showcase the latest in projects, innovation, and research and development in clean technology solutions that will help deliver clean value and supply chains across the power, water, and district cooling utilities.

28 SESSIONS | 40 EXPERT SPEAKERS



THEMES IN FOCUS



Pioneering the Digital Energy Revolution in Utilities



Bridging Physical and Digital Frontiers



Sustainable Steps, Digital Guardians, and Customer Connections

KEY SESSIONS INCLUDE

Panel Discussion

Synergising Industry 4.0 technologies

Innovation Showcase

Beyond batteries: advancements in energy storage

Innovation Showcase

Smart meters changing the game

Fireside Chat

Empowering next generation talent to build next generation technologies

Innovation Showcase

Zero-emission hydrogen production: a dream or reality?

Panel Discussion

Securing clean technologies supply chain

Innovation Showcase

Advancements in hydrogen fuel cells

Innovation Showcase

Revolutionising energy efficiency with data

Panel Discussion

Enhancing private sector contribution in the water sector

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POWER GEN INNOVATION THEATRE *Free-to-attend*

The world is undergoing a fundamental transition in the way energy is generated, transmitted, distributed, and used. Increased demand for electricity coupled with transition towards sustainability, low-carbon fuels, lower emissions, and changing customer behaviours is redefining the power landscape.

The Power Gen Innovation Theatre will serve as a platform for power producers, distributors, and the power utilities supply and value chain to present the solutions and technologies needed to modernise the power sector.

30 SESSIONS | 45 EXPERT SPEAKERS



THEMES IN FOCUS



Innovations in Power Generation



Renewable Energy Integration and Future Technologies



Empowering Manpower Development, Sustainable Practices and Future Power Technologies

KEY SESSIONS INCLUDE

Panel Discussion

Powering tomorrow through sustainable power generation

Innovation Showcase

Transforming power grids with smart technology

Innovation Showcase

Shaping energy policy and regulation for a sustainable future

Panel Discussion

Bolstering resilience in power generation with digital power plants

Innovation Showcase

Managing the increasing adoption of electric vehicles and their impact on the grid

Panel Discussion

Capitalising on clean energy with green investments

Innovation Showcase

Advancing the integration of renewable energy into the grid and addressing the challenges of energy storage

Panel Discussion

Driving nuclear energy forward: advancing technologies, overcoming regulatory challenges, and fostering collaboration

Case Study

Journey to AI-based Assets Maintenance Strategy

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AN EXCLUSIVE NETWORKING EXPERIENCE FOR INDIVIDUALS INFLUENCING THE FUTURE OF POWER AND WATER UTILITIES



The Utilities Club, an invitation-only VIP club, stands as the premier gathering point for leaders, innovators, and influencers in the power, water, and utilities industries. Co-located with the Arab Water Forum, the Club offers an unparalleled opportunity to connect with key industry figures, fostering valuable networking and collaboration.

The Club provides an exclusive space for government officials, policymakers, C-level executives, and business leaders to exchange views and address pressing challenges in the future of power and water utilities within a trusted environment.

Situated on the exhibition show floor, the Club features a purpose-built private lounge, ensuring a discreet networking space away from the media. It also includes six private meeting suites, all offering first-class connectivity and hospitality.

Private meeting suites located within the Utilities Club will support key companies to host formal, private meetings away from the exhibition, whilst enjoying the VIP hospitality provided for all Club members.

APPLY TO BECOME A UTILITIES CLUB MEMBER

✉ utilities-club@worldutilitiescongress.com

LEADERSHIP ROUNDTABLES

CHARTING THE ROADMAP FOR A SUSTAINABLE UTILITIES FUTURE



Anchored within the World Utilities Congress, the invitation-only Leadership Roundtables gather stakeholders from Ministers and policy makers to CEOs and scientists - to collectively address the challenges and explore the solutions that will shape the future of utilities.

As an important cornerstone of the World Utilities Congress, the Leadership Roundtables provide thought leadership and direction to drive growth over the next decade.

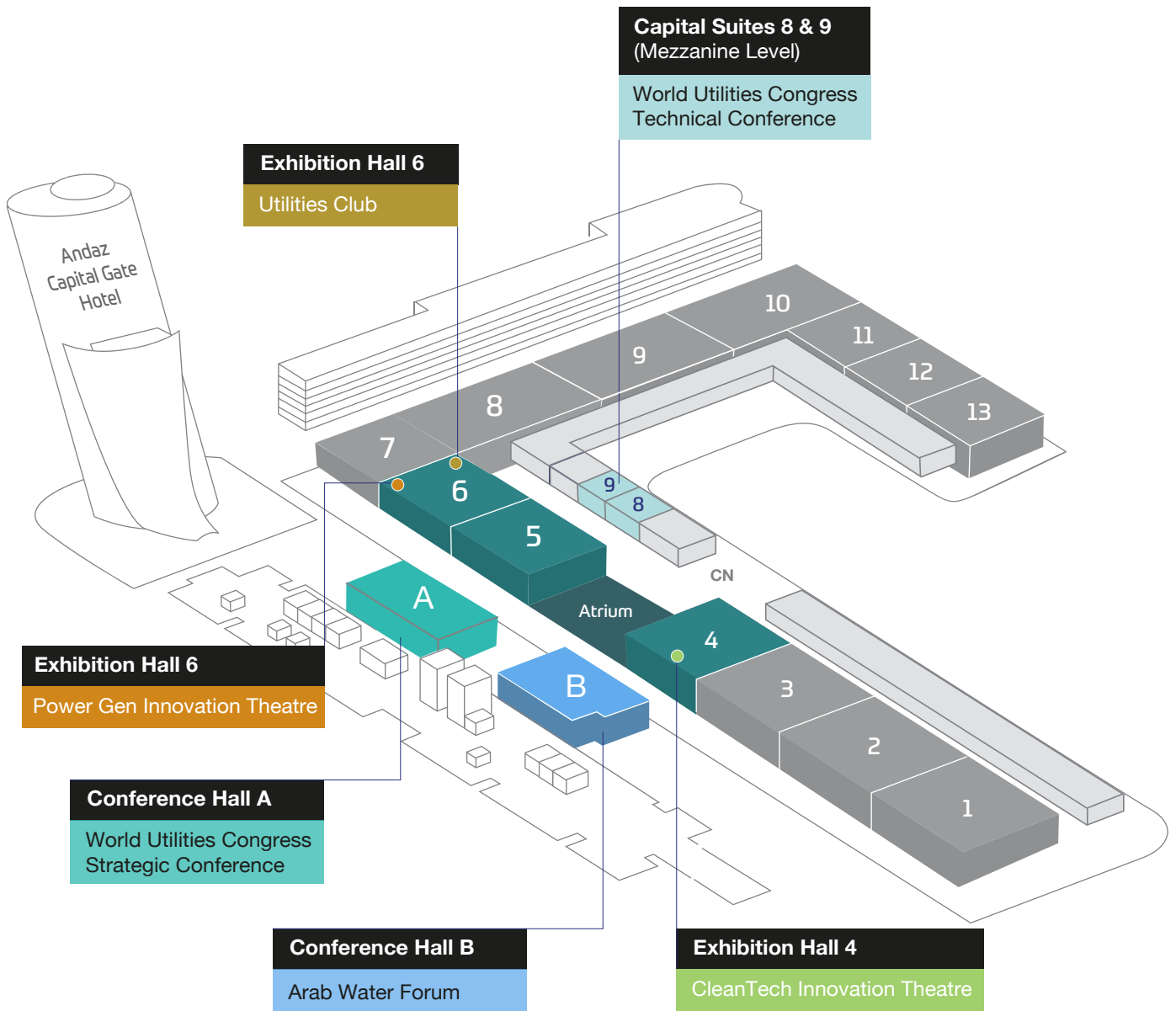
These roundtable sessions foster open and impactful conversations among influential decision-makers who are shaping the responsible utilities industry's future and implementing innovative business strategies to create a cleaner and more secure utilities landscape.

- The roundtables are invitation-only, hosting up to 30 high-level participants for each topic.
- Roundtable discussions follow Chatham House Rule and are held in a media-free, closed-door setting to encourage an honest, open, and wide-ranging conversation on the topic of discussion.
- The global utilities industry will benefit from white papers published following the roundtables, detailing the actionable outcomes and insights from each discussion.

REGISTER YOUR INTEREST TO PARTICIPATE IN THE LEADERSHIP ROUNDTABLES

 worldutilitiescongress.com/roundtables

VENUE MAP



ADNEC CENTRE ABU DHABI, UAE



World Utilities Congress & Arab Water Forum Exhibition
Halls 4-6 and Atrium



Technical Conference
Capital Suites 8 and 9
(Mezzanine Level)



Utilities Club
Hall 6



World Utilities Congress Strategic Conference
Conference Hall A



Arab Water Forum
Conference Hall B



Power Gen Innovation Theatre
Hall 6



CleanTech Innovation Theatre
Hall 4

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