



AL Issued by Dubai Electricity and Water Authority PJSC

ISSUE 89  
DECEMBER 2023

# MASDAR

الطاقة الشمسية  
SOLAR PARK

NOOR ENERGY  
نور للطاقة

丝路基金  
Silk Road Fund

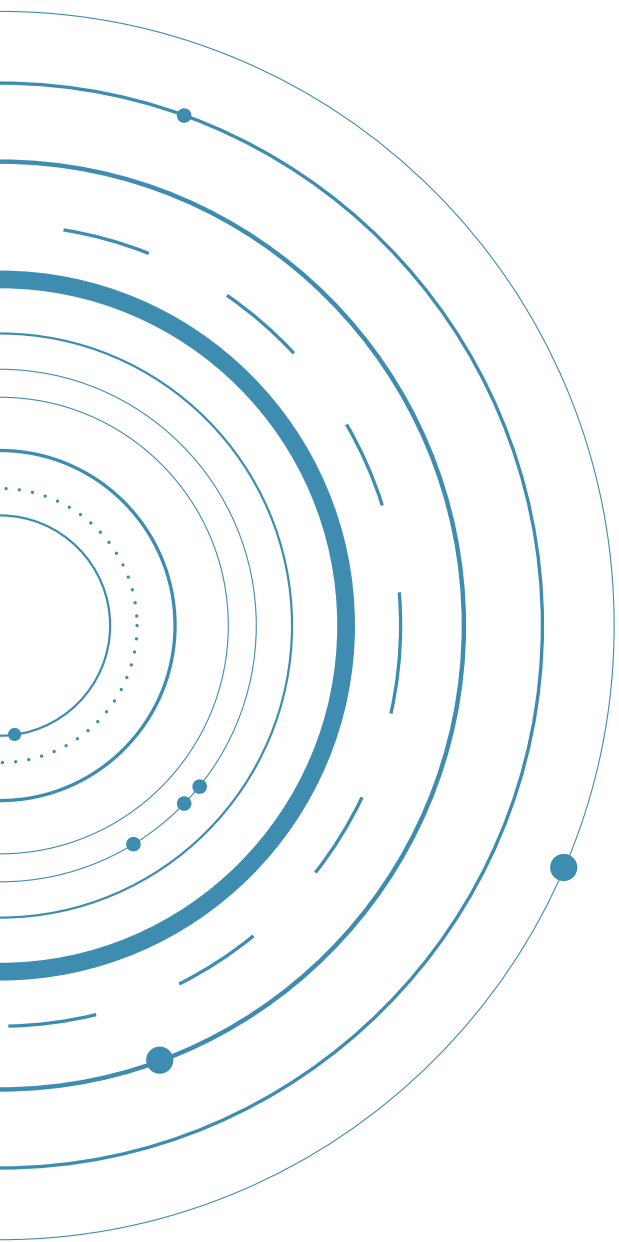
DEWA POWER  
دعوا باور

هيئة كهرباء ومياه دبي  
Dubai Electricity & Water Authority



HH SHEIKH MOHAMMED BIN RASHID  
AL MAKTOUM INAUGURATES THE  
LARGEST CSP PROJECT IN THE WORLD







“

The UAE has a clear vision to transform itself  
into one of the world's most sustainable nations

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**HH Sheikh Mohammed bin Rashid Al Maktoum**

Vice President and Prime Minister of the UAE and Ruler of Dubai

## Our Purpose

Providing globally leading sustainable, efficient, and reliable power and water services, and related innovative smart solutions towards Net-Zero Future.

## Our Vision

A globally leading sustainable innovative corporation committed to achieving Net-Zero by 2050.

## Our Mission

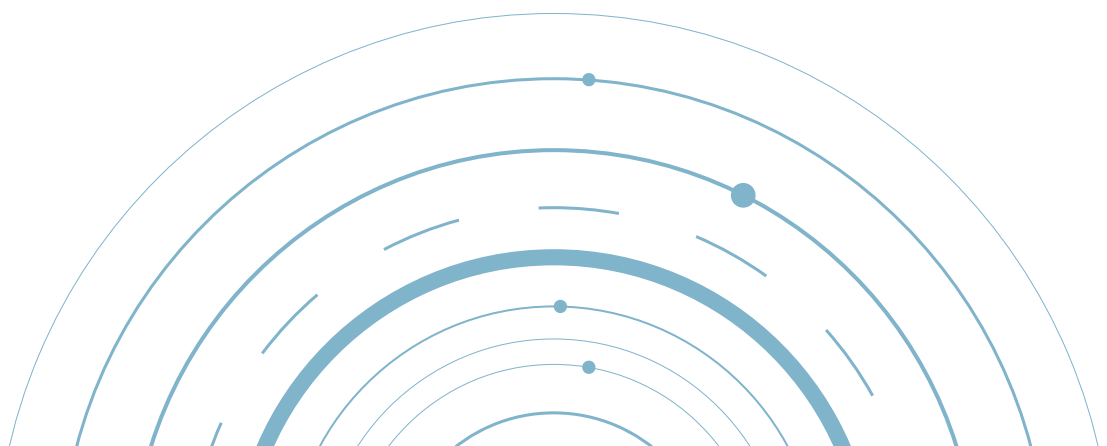
We are committed and aligned to Dubai's 8 Guiding Principles and 50-Year Charter supporting the UAE's directions through the delivery of global leading services and innovative energy and potable water solutions enriching lives and ensuring the happiness of our stakeholders, for a sustainable Net-Zero carbon 2050.

## Our Values

Stakeholder Happiness, Sustainability, Innovation, Excellence, and Good Governance.

## Our Motto

For generations to come.







## MD & CEO MESSAGE

**HE SAEED MOHAMMED AL TAYER**

MD & CEO of DEWA

### **HISTORICAL ACHIEVEMENTS BY THE UAE IN THE YEAR OF SUSTAINABILITY**

The UAE concluded 2023 (the Year of Sustainability) with major achievements that emphasise the futuristic vision of the wise leadership of His Highness Sheikh Mohamed bin Zayed Al Nahyan, President of the UAE; and His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, in sustainability and global climate action. About 9 years ago, our wise leadership said that the UAE would celebrate exporting the last barrel of oil, as our economy is diverse, prosperous, and sustainable. Our leadership plans for decades ahead, following the path of the late Sheikh Zayed bin Sultan Al Nahyan, may his soul rest in peace, in comprehensive and sustainable development that is centered around people, investing in natural resources and preserving them, as well as building a knowledge-based economy.

I take this opportunity to congratulate our wise leadership on the exceptional success of the 28th United Nations Framework Convention on Climate Change (COP28), which was hosted by the UAE in Expo City Dubai. COP28 successfully established new benchmarks for constructive cooperation among countries and organisations. It galvanised unprecedented global consensus to combat the effects of climate change, develop and reshape the methods of global climate financing, and meet the requirements of handling loss and damages. COP28 resulted in the historic 'UAE Consensus' agreement, which is an exceptional turning point in international climate work. The Consensus calls on the parties to achieve an orderly, responsible, just, and logical transition to an energy system free of conventional fuels to achieve climate neutrality.

We are proud of DEWA's participation as a Principal Pathway Partner of COP28. DEWA contributed to introducing the

world to Dubai's sustainability efforts through major clean and renewable energy projects implemented by DEWA. These projects support the Dubai Clean Energy Strategy 2050 and the Dubai Net Zero Carbon Emissions Strategy 2050 to provide 100% of the energy production capacity from clean energy sources by 2050.

During COP28, His Highness Sheikh Mohammed bin Rashid Al Maktoum inaugurated the largest concentrated solar power (CSP) project in the world, within the fourth phase of the Mohammed bin Rashid Al Maktoum Solar Park. The 950-megawatt (MW) fourth phase uses three hybrid technologies, namely the parabolic basin complex, the CSP tower, and the photovoltaic solar panels. With investments totalling AED15.78 billion using the independent power producer (IPP) model, the project features the tallest solar tower in the world and the largest thermal energy storage capacity according to the Guinness World Records. This project will provide approximately 320,000 residences with clean and sustainable energy. It will reduce carbon emissions by about 1.6 million tonnes annually, enhancing Dubai's position as a leading global hub in clean, renewable energy and climate action.

As we begin 2024 with optimism and positivity, we pledge to our wise leadership to continue working on implementing pioneering projects to diversify energy sources and achieve globally competitive results across all areas of our work. We seek to consolidate Dubai's position as a global hub for sustainability and the green economy and support the UAE's efforts in advancing the global sustainability agenda as well as supporting the sustainable economic and human development to ensure a brighter and more sustainable future for us and for generations to come.

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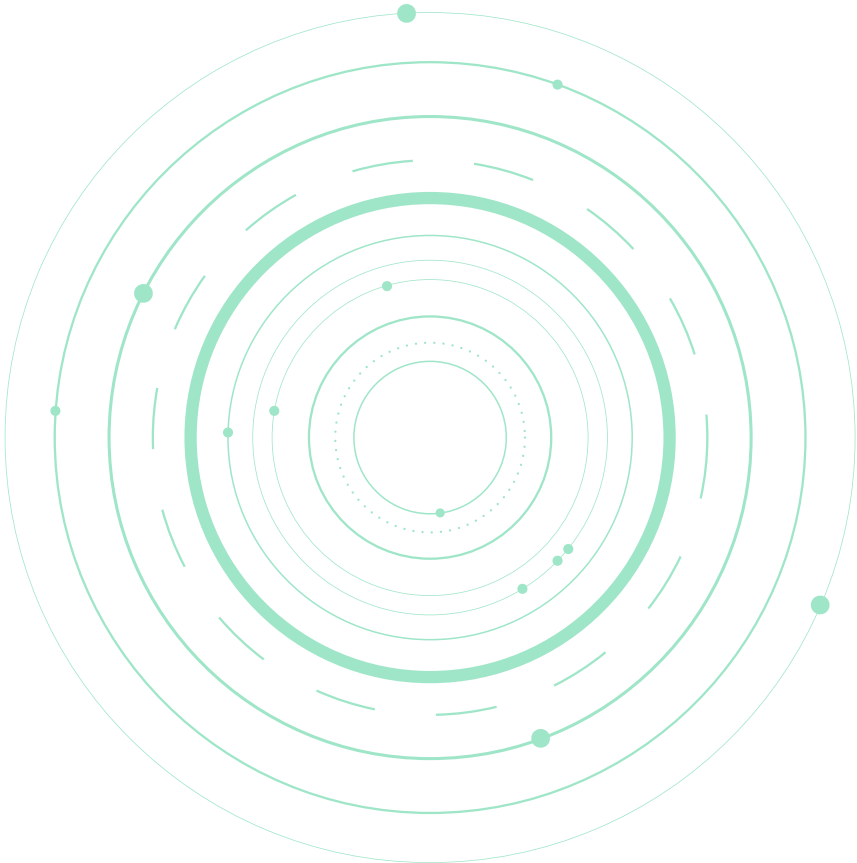
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# MOST LOVED PHOTO



COP28 Gathers World Leaders





## HH Sheikh Mohammed bin Rashid Al Maktoum inaugurates the largest CSP project in the world

His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, has inaugurated the largest concentrated solar power (CSP) project in the world, within the fourth phase of the Mohammed bin Rashid Al Maktoum Solar Park in Dubai.

The 950-megawatt (MW) fourth phase is the largest investment project that uses three hybrid technologies: 600MW from a parabolic basin complex, 100MW from the CSP tower, and 250MW from photovoltaic solar panels. Built at an investment of AED15.78 billion, using the independent power producer (IPP) model, the project features the tallest solar tower in the world, at 263.126 metres, and the largest thermal energy storage capacity with a capacity of 5,907 megawatt hours (MWh), according to the Guinness World Records.

His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai said: "The UAE has a clear vision to transform itself into one of the world's most sustainable nations. Our journey towards sustainability is comprehensive, encompassing advanced clean energy projects across diverse renewable sources, and innovative solutions integrated into various spheres of the economy and society. The Mohammed bin Rashid Al Maktoum Solar Park is at the heart of Dubai and the UAE's commitment to create a world-class infrastructure for sustainability and a robust foundation for building an environmentally friendly future. Coming at the culmination of the UAE's Year of Sustainability, the launch of the fourth phase of the Solar Park is an important milestone in our sustainability journey. Our success in creating the world's largest concentrated solar project underscores

our determination to advance climate action and aligns with the goals of the UN Climate Change conference COP28, which the UAE is currently hosting. Driven by the objectives of the UAE's Net Zero by 2050 Strategy, we continue to expand our sustainable energy mix and embrace renewable and alternative energies, shaping not only our nation's future but also contributing significantly to the global effort to combat climate change. Our dedication to sustainability is a testament to our resolve to contribute to fostering a resilient and prosperous future for all of humanity."

HH Sheikh Mohammed bin Rashid Al Maktoum, was accompanied by His Highness Sheikh Maktoum bin Mohammed bin Rashid Al Maktoum, First Deputy Ruler of Dubai and Deputy Prime Minister and Minister of Finance of the UAE; His Highness Sheikh Ahmed bin Saeed Al Maktoum, Chairman of



the Dubai Supreme Council of Energy; His Highness Sheikh Mansoor bin Mohammed bin Rashid Al Maktoum, Chairman of the Dubai Ports and Borders Security Council and a number of ministers, director generals of Dubai government departments and senior officials.

HH Sheikh Mohammed bin Rashid Al Maktoum was welcomed by HE Saeed Mohammed Al Tayer, MD and CEO of DEWA.

HH Sheikh Mohammed bin Rashid Al Maktoum was briefed about the project by His Excellency Saeed Mohammed Al Tayer, MD and CEO of Dubai Electricity and Water Authority (DEWA). The fourth phase of the Mohammed bin Rashid Al Maktoum Solar Park, which covers an area of 44 square kilometres, uses three hybrid technologies: 600MW from a parabolic basin complex, 100MW from the CSP tower, and 250MW from photovoltaic solar panels. The project features 70,000 heliostats that track the sun's movement. The Molten Salt Receiver (MSR) on top of the solar power tower is the core and the most important part of the CSP plant. It receives solar radiation and turns it into thermal energy. The MSR contains over 1,000 thin tubes that enable the absorption of sunrays and their transfer to the molten salt within these tubes.

This project will provide approximately 320,000 residences with clean and sustainable energy. It will reduce carbon emissions by about 1.6 million tonnes annually, enhancing Dubai's position as a leading global hub in clean, renewable energy and climate action.

HE Saeed Mohammed Al Tayer said: "His Highness Sheikh Mohamed bin Zayed Al Nahyan, President of the UAE, has emphasised that the UAE's commitment to protecting the environment and supporting global action to achieve sustainability is firm, continuous, and effective for the benefit of its people and the service of humanity. Furthermore,

His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, has constantly reiterated the UAE's determination to be at the forefront of global efforts to create a more sustainable future for all of humanity by taking concrete action to transition to renewable energies. At the Dubai Electricity and Water Authority, we follow the vision and directives of the leadership to increase the share of clean and renewable energy sources to achieve the goals of the UAE Net Zero by 2050 Strategic Initiative and the Dubai Net Zero Carbon Emissions Strategy 2050. We have already achieved the interim







goals of this strategy in record time.”

Al Tayer explained in his speech at the inauguration that the fourth phase of the Mohammed bin Rashid Al Maktoum Solar Park was based on the directives of HH Sheikh Mohammed bin Rashid Al Maktoum to implement this project to be a global landmark that sets higher standards of excellence than similar projects worldwide. He emphasised that this project would not have been possible without His Highness's support to implement the project according to world-leading benchmarks of efficiency and performance. The project features the tallest CSP tower and the largest

single-site thermal energy storage in the world, as well as the lowest cost to produce renewable energy round the clock.

“The vision and directives of His Highness Sheikh Mohammed bin Rashid Al Maktoum to enhance the share of clean and renewable energy, have contributed to making Dubai a global hub for the green economy and a global role model in the sustainable transition to clean energy. This has been achieved through pioneering strategies and projects driven by advanced research and development, Fourth Industrial Revolution technologies, digital

transformation, and the latest renewable and clean energy technologies. Through the IPP model, DEWA has achieved the lowest global prices, making Dubai a benchmark for solar energy project prices worldwide,” said Al Tayer.

“The Mohammed bin Rashid Al Maktoum Solar Park supports the efforts of the UAE, which has one of the world's largest investments in clean energy projects, and is currently hosting the UN Climate Change conference, COP28, in Expo City Dubai. This underlines the UAE's firm commitment to sustainable development and protecting the environment and natural resources for us and for generations to come. The solar park whose current capacity has reached 2,627MW, is the cornerstone to achieve the Dubai Clean Energy Strategy 2050 and the Dubai Net Zero Carbon Emissions Strategy 2050 to provide 100% of the energy production capacity from clean energy sources by 2050,” added Al Tayer.

Al Tayer commended the efforts of DEWA's partners in implementing this pioneering project according to the highest international standards and using the most advanced technologies. A consortium led by DEWA and Saudi Arabi's ACWA Power established Noor Energy 1 as a project company to design, build, and operate the fourth phase of



# COVER STORY

the Mohammed bin Rashid Al Maktoum Solar Park. DEWA holds a 51% stake in the company, ACWA Power holds 25%, and the Chinese Silk Road Fund owns 24%

“Guided by the leadership and vision of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Dubai is paving the way for a sustainable future. It is transforming into a global centre for green economy by continuing its efforts to achieve the goals of the Dubai Clean Energy Strategy 2050. Inaugurating the world’s largest single-site CSP plant during COP28 demonstrates our commitment to our strategy to increase the use of clean and renewable energy sources. The project is also a significant milestone in DEWA’s success, and we are proud to be a part of it. This is part of our long-term partnership that we began in the Mohammed bin Rashid Al Maktoum Solar Park, leading to the opening of the fourth phase we are witnessing today in Noor Energy 1 project,” said Mohammad Abunayyan, Chairman of ACWA Power.

“We are proud of our contribution to achieving the ambitious vision of the leadership in cooperation with our

partners in DEWA. Our key role, through the qualitative projects that we operate and manage in UAE, confirms the extent of the efforts, expertise and financial capabilities of our partners in DEWA and the Silk Road Fund. Together, we have been able to set new standards for CSP generation using the latest technological innovations in this project, such as the solar tower technology and parabolic panels that use CSP to produce energy 24 hours a day. Additionally, the plant’s capacity is enhanced with photovoltaic solar panels to produce 950 megawatts. This is the only single-site project in the world that includes all these technologies. It also features the largest solar energy storage capacity in the world,” added Abunayyan.

“Through collaboration and innovation, we pave the way for sustainable energy solutions that push boundaries and drive progress. As we celebrate the opening of Noor Energy 1, we affirm our commitment to a brighter and cleaner future for future generations,” said Zhu Jun, Chairwoman of Silk Road Fund.

“We are honoured to be part of this huge cooperation between DEWA

and ACWA Power. Together, we are setting a new standard for innovation and sustainability. This achievement is a milestone in the development of sustainable energy in the region and confirms the commitment to promoting energy solutions. The successful completion of this project is a testament to the dedication and expertise of all partners and sets a commendable precedent for future renewable energy initiatives,” added Zhu Jun.

## Three combined technologies

The fourth phase of the Solar Park uses three hybrid technologies to produce clean energy: 600MW from a parabolic basin complex (three units of 200MW each), 100MW from the world’s tallest solar power tower (based on Molten Salt technology), and 250MW from photovoltaic solar panels. The Molten Salt Receiver (MSR) on top of the solar power tower is the core and most important part of the CSP plant. It receives solar radiation and turns it into thermal energy. The MSR contains over 1,000 thin tubes that enable the absorption of sun rays and their transfer to the molten salt within these tubes.







## HH Sheikh Mohammed bin Rashid Al Maktoum witnesses signing of agreement between Expo City Dubai and DEWA

His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, witnessed the signing of an agreement between Expo City Dubai and DEWA to fully power Expo City with renewable energy, marking a significant milestone in its journey towards achieving net-zero emissions by 2050. His Highness Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum, Crown Prince of Dubai and Chairman of The Executive Council of Dubai, also attended the signing ceremony.

Also present at the ceremony were His Highness Sheikh Ahmed bin Saeed Al Maktoum, President of Dubai Civil Aviation Authority, Chairman and Chief Executive of Emirates Airline and Group, and Chairman of Expo City Dubai Authority; Her Excellency Reem Al Hashimy, UAE Minister of International Cooperation and CEO

of Expo City Dubai Authority; His Excellency Dr. Sultan bin Ahmed Al Jaber, UAE Minister of Industry and Advanced Technology, Special Envoy for Climate Change, and COP28 UAE President and His Excellency Saeed Mohammed Al Tayer, MD & CEO of DEWA.

Expanding on Expo City's current on-site renewable energy capacity, DEWA will now permanently provide solar energy to the entire site through International Renewable Energy Certificates (I-RECs) sourced from the Mohammed Bin Rashid Al Maktoum Solar Park. This initiative aligns with the central mission of COP28.

Initially supplying over 100,000 megawatt-hours of power, estimated based on the total consumption for 2023, additional I-RECs will be incorporated in the future to cater to the growing energy

needs of the community. Furthermore, Expo City has plans to independently enhance its on-site capacity in the upcoming years.

The shift in energy source will offer positive impacts for Expo City's tenants and eventual residents, as well as the growing number of events held on site. This is particularly significant as Expo City prepares to host the COP28 summit, supporting the delivery of a carbon neutral event and complementing the conference's clear focus on the global transition to clean energy.

Her Excellency Reem Al Hashimy said: "As the global population continues to gravitate towards urban centres, it is critical these centres balance meeting the needs of their communities with environmental sustainability – a strategic priority for the UAE.



“This agreement reflects an important step forward in our focus on sustainable development and the transition to clean energy, with Expo City being one of five urban hubs in Dubai’s growth. It is also a timely transition as Expo City prepares to host the world once again for COP28, supporting global climate action,” Al Hashimy added.

His Excellency Saeed Mohammed Al Tayer said: “With the vision, guidance and unlimited support of the nation’s leadership, the UAE is hosting the largest international climate event – COP28 – in Expo City Dubai, building on the legacy of Expo 2020 Dubai as an exceptional location and a famed destination that brought the world together in the UAE. The collaboration between Expo City and DEWA signifies a groundbreaking step towards sustainable development, aligning with Dubai’s commitment to achieving net zero emissions by 2050. By supplying Expo City with solar energy through I-RECs from the Mohammed Bin Rashid Al Maktoum Solar Park, we support the vision of leadership for Expo City Dubai to be a futuristic sustainable city.”

Al Tayer added: “With a current clean energy capacity of 2,627

megawatts, and 2,033 megawatts under construction to reach 4,660 megawatts by 2026, the Mohammed Bin Rashid Al Maktoum Solar Park leverages cutting-edge technologies to harness the power of the sun. By 2030, the solar park’s total capacity is planned to reach 5,000 megawatts, contributing to an annual reduction of more than 6.5 million tonnes of carbon emissions.”

Serving as the currency for renewable energy markets, I-RECs signal that renewable electricity was produced to meet the required electricity demand of an organisation or urban centre.

The supply of renewable energy from DEWA’s grid will support Expo City’s decarbonisation targets, and the city will also be taking measures to reduce energy consumption.

Aligned with the UAE’s Year of Sustainability, the agreement is a further reflection of the ambitious spirit of Dubai in the field of renewable energy, including the Dubai Clean Energy Strategy 2050, and the UAE Energy Strategy 2050. It also supports Expo City Dubai’s role as a hub in the Dubai 2040 Urban Master Plan, which maps out a comprehensive plan for a sustainable urban development in Dubai.





## Mohammed bin Rashid receives Emirati experts, researchers and professionals from DEWA's Research and Development Centre

His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, received a delegation from DEWA led by His Excellency Saeed Mohammed Al Tayer, MD and CEO of DEWA. The delegation comprised Emirati experts, researchers and professionals from DEWA's Research and Development (R&D) Centre at the Mohammed bin Rashid Al Maktoum Solar Park, who are actively contributing to the advancement of the clean and renewable energy sector.

The meeting, which took place at Za'abeel Palace in Dubai, was attended by His Highness Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum, Crown Prince of Dubai and Chairman of The Executive Council of Dubai.

Commenting on the occasion, HH Sheikh Mohammed bin Rashid Al Maktoum highlighted the UAE's deep appreciation

for the efforts of scientists, researchers and innovators across various fields. He emphasised the country's commitment to empower and support them, recognising their significant contributions to the advancement, progress and prosperity of the nation.

His Highness said that researchers and national competencies play a pivotal role in shaping the future of sustainable energy and consolidating the UAE's leading position in this field. Their efforts also strengthen Dubai's emergence as an inspiring model in applying knowledge to innovate solutions, contributing to advancing the development process to meet current needs and ensuring a sustainable future for generations to come, Sheikh Mohammed said.

His Highness praised DEWA for its efforts in launching initiatives and projects aligned with the country's ambition to

embrace clean and renewable energy alternatives. He also urged DEWA's researchers to intensify their efforts in providing solutions that further support the UAE's energy objectives and consolidates its global leadership in achieving sustainable development goals. Research and development serve as a crucial driver for innovating effective solutions that contribute to the growth and prosperity of various vital sectors, with a particular emphasis on the energy sector, His Highness added.

The R&D Centre comprises 31 researchers who hold PhD and master's degrees. Since its establishment, the Centre has published 170 research papers in scientific conferences and peer-reviewed journals worldwide. With ongoing efforts to register new patents, the Centre has applied for 27 patents, and to date, six patents have been granted.



Established in line with the vision and directives of HH Sheikh Mohammed bin Rashid Al Maktoum, the R&D Centre serves as a global platform to enhance DEWA's operations and services. The Centre focuses on key research areas, including solar power, water, smart grid integration and energy efficiency, supported by three enablers: The Fourth Industrial Revolution (including AI, IoT, Robotics & Drones, 3D Printing & Advanced Materials), Energy System Analyses and Space technologies.

The Centre aspires to emerge as a leading global platform for developing and showcasing innovative solutions in the fields of future energy and water systems. Its mission is to enhance the value of DEWA through cutting-edge applied research, ensuring that DEWA and its ecosystem maintain a leading position in delivering world-class services cost-effectively. Adhering to international R&D best practices and aligning with the objectives of the Dubai Clean Energy Strategy 2050, the Centre conducts research and development activities both in-house and collaboratively with local and international institutions.

The R&D Centre houses the Green

Hydrogen project, a pioneering initiative implemented by DEWA. The groundbreaking project stands as the first of its kind in the Middle East and North Africa, dedicated to producing hydrogen through the utilisation of solar energy.

HE Saeed Mohammed Al Tayer said, "Under the guidance of HH Sheikh Mohammed bin Rashid Al Maktoum, DEWA is committed to nurturing Emirati professionals who can adapt to rapid changes, confront challenges and seize international opportunities. As one of the largest government organisations in the UAE, DEWA is dedicated to the recruitment, qualification and development of national talent. Our Emirati staff consistently showcase their global competitiveness, providing solutions and innovative research that address challenges in the energy and water sectors on a worldwide scale."

"We cultivate talent and foster a positive, interactive environment that empowers researchers to unlock their potential, encouraging innovation and the creation of scientific papers and breakthroughs. This commitment is pivotal in positioning the UAE as the world's leading nation by its Centennial

in 2071. The R&D Centre features state-of-the-art research facilities and advanced laboratories, enabling us to delve into areas such as solar energy, smart grid integration, energy efficiency, water, space technology, applications of the Fourth Industrial Revolution and more. This allows us to refine our expertise and realise the centre's vision of becoming a global platform for developing and disseminating innovative solutions in the fields of future energy and water systems. Additionally, it reinforces DEWA's global leadership and excellence while bolstering Dubai's status as a key global hub for research and development," added Al Tayer.

The Centre includes several internal and external laboratories to study the performance and reliability of solar panels. External laboratories include testing various solar panel technologies to check their performance. The Centre also includes the robotics and drones laboratory, which contributed to DEWA's entry into the Guinness Book of World Records for establishing the world's first 3D-printed lab. The laboratory stands as the first fully printed onsite building in the country.

The lab specialises in robotics, where



drones and autonomous vehicles are both designed and constructed. Among the internal laboratories, notable ones include the electrical testing laboratory, mechanical testing laboratory, material testing laboratory, solar radiation simulation laboratory and the laboratory dedicated to artificially accelerating the lifespan of solar panels. The lab also accommodates in-house designed and built rovers and drones. Key internal labs encompass the Electrical Characterisation Lab, Mechanical Characterisation Lab, Materials Characterisation Lab, Solar Simulator Lab and the Accelerated Aging Lab.

Through its R&D Centre, DEWA has developed advanced infrastructure and specialised software in 3D printing and additive manufacturing. DEWA is the first organisation in the GCC to deploy Markforged Metalx 3D printing based on wire/filament. This technology is highly accurate and reduces time and cost, improves efficiency and productivity and enhances innovation at DEWA.

DEWA uses 3D printers to produce prototypes and spare parts for DEWA's generation, transmission, and distribution divisions, and to support the digitisation of its inventory. Through 3D printing,

the Centre supports rapid developments in prototyping, and provides technical solutions, training, knowledge sharing, mechanical testing, techno-economic analysis and research and development in Additive Manufacturing.

The R&D Centre received a Platinum Rating for green buildings from LEED by

the US Green Building Council in 2019. The Centre has photovoltaic panels installed on its roof and car parking as well as Building Integrated Photovoltaics (BIPV) in its walls. The building reduces energy consumption by over 25% and saves more than 50% water. Over 30% of construction materials used to build it were recycled.



## UAE President launches US\$30bn fund for global climate solutions



His Highness Sheikh Mohamed bin Zayed Al Nahyan, President of the UAE, announced the establishment of a US\$30 billion fund for global climate solutions. Designed to bridge the climate financing gap and facilitate affordable access, the fund aims to stimulate the raising and investment of US\$250 billion by 2030. This was revealed during His Highness' opening of the World Climate Action Summit, held during the UN Climate Change Conference (COP28) at Expo City Dubai.





## UAE financial sector to mobilise AED 1 trillion in sustainable finance by 2030 as UAE hosts COP28



▶ Coinciding with the UAE's hosting of COP28, the Central Bank of the United Arab Emirates (CBUAE), in cooperation with the COP28 Presidency, organised an event to facilitate global climate finance solutions and progress towards a sustainable future.

During this global event, the UAE Banks Federation announced a significant initiative from the UAE banking sector to collectively mobilise over AED1 trillion in sustainable finance by 2030.

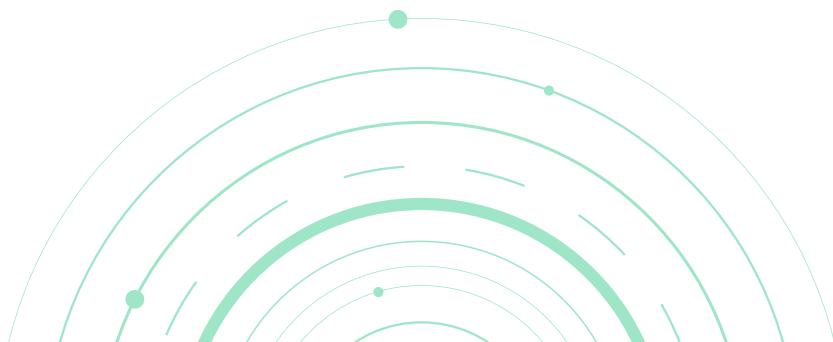
During the keynote address, Khaled Mohamed Balama, Governor of the CBUAE, highlighted the key role of the financial system in developing green and sustainable finance with a focus on ensuring financial sector progress, advancing innovative solutions, and safeguarding resilience. In addition, Balama stressed the importance of technology in achieving sustainable development objectives given the potential of sustainable finance to leverage digitalisation and innovation to enhance global transformation towards sustainability.

## UAE announces \$100 million contribution to fund for climate impact response

▶ The UAE announced its commitment of US\$100 million to the Fund for Climate Impact Response, following an agreement to operationalise the fund during the United Nations Climate Change Conference of the Parties (COP28).

On the occasion, H.H. Sheikh Abdullah bin Zayed Al Nahyan, Minister of Foreign Affairs, said, "We congratulate all parties on the historic adoption of this fund for climate impact response and announce the UAE's commitment of US\$100 million as our contribution."

"We call on all countries in a position to do so to contribute generously, as an important symbol of solidarity," he added.



## Bee The Change campaign launches from Dubai Expo City during COP28



Expo City Dubai on Monday unveiled with other co-founders the 'Bee The Change' campaign – a global movement to safeguard bees by raising awareness and funds to ensure the survival of pollinators across the globe. "Bee The Change" was presented at Expo City's Terra – The Sustainability Pavilion during COP28.

The campaign is part of the recently announced Trillion Bees coalition,

a science-led initiative founded by materials science company PANGAIA that brings together individuals, businesses, and organisations, with the aim of mobilising more than two billion people and raising US\$ 1 billion in funds to support projects that preserve bees, protect habitats and foster biodiversity.

Eva Kruse, Chief Global Engagement Officer, PANGAIA, said, "On behalf of PANGAIA, we are honoured and pleased

with the strong show of support from partners in the UAE and the will from the COP28 team to bring the nature agenda to the heart of the climate conversation. We will not get to net zero without reversing biodiversity loss and protecting nature at an unprecedented scale. As the guardians of nature, the bees and pollinators need protection to unlock the positive chain reaction and activate nature-based climate solutions."





## COP28's Global Impact Reflects the UAE's Climate Leadership

▶ The United Nations Framework Convention on Climate Change (COP28) saw an exceptional success and provided much needed momentum to global climate action. The participating nations reached a fair and just agreement on many topics that had reached a standstill for a long time. Following its successful hosting of COP28, the UAE has set new global benchmarks for climate action and consolidated its position as a major contributor to building a sustainable future for all.

COP28's accomplishments stand as a historic legacy in climate action, characterised by tangible progress and decisive actions. On day one of COP28, the Presidency facilitated a historic agreement to operationalise the Loss and Damage Fund, supporting those on the front lines of the climate crisis with USD

792 million. This momentum continued throughout the conference, which mobilised over USD 83 billion in funding in the first five days, setting the pace for a new era in climate action. These historic achievements and pledges continued, as international pledges of USD 5 billion were announced to renew the resources of the Green Climate Fund (GCF); USD 134 million were announced toward the Adaptation Fund; USD 31 million to the Special Climate Change Fund (SCCF); and many more significant investments were made to support the various topics discussed during the conference.

Moreover, the UAE launched a USD 30 billion catalytic fund, ALTÉRRRA, to drive positive climate action. The fund seeks to mobilise an additional \$250 billion globally. The UAE also committed USD 200 million to help vulnerable countries

through Special Drawing Rights (SDRs) and USD 150 million to fund water scarcity solutions.

COP28 also saw many pioneering announcements and pledges that aim to strengthen the global efforts to achieve climate ambitions and build a green and sustainable future. Among these is: The Global Renewables and Energy Efficiency Pledge endorsed by 130 countries; the COP28 UAE Declaration on Agriculture, Food, Climate with endorsements from over 150 countries; the COP28 UAE Declaration on Climate and Health endorsed by 141 countries; the COP28 UAE Declaration on Climate Relief, Recovery Peace endorsed by 78 countries and 40 organisations; the COP28 UAE Declaration on Hydrogen and Derivates endorsed by 37 countries; and many others.





## World Green Economy Organization announces that 86 countries have joined the Global Alliance on Green Economy

HE Saeed Mohammed Al Tayer, Chairman of the World Green Economy Organization (WGEO), announced that 86 countries have joined the Global Alliance on Green Economy (GAGE).

Al Tayer made the announcement during his speech, at a session held at Al Waha Theatre in the Blue Zone at COP28. The session was attended by representatives of WGEO member states, UN agencies, public and private organisations, financial institutions, non-governmental organisations, and

the civil society, among others.

The joining of 86 countries to 'The Global Alliance on Green Economy' is a new milestone achieved by the Alliance, which WGEO launched at the ministerial meeting held at the World Green Economy Summit 2022.

The announcement of 86 countries joining the coalition comes at a time when urgent action is needed to limit the effects of climate change and facilitate a rapid transition towards an

environmentally friendly global economy, as current global economic policies and strategies will increase the Earth's temperature by 2.8 degrees Celsius by the end of this century. The importance of the Alliance lies in providing a platform to unify global efforts, especially in the current period in which climate pressures are escalating, and the need for integrated efforts of all countries is increasing. This Alliance demonstrates its significance as a framework that enables global cooperation and coordination, especially in light of the current escalation of climate challenges.

The shift towards a green economy requires strengthening international cooperation, laying the foundations for close partnerships between all stakeholders globally, and adopting a new approach and more efficient work mechanisms. The success of these endeavours also requires alignment and linkage between climate planning and financing on the one hand, and the goals of the Paris Agreement and the United Nations 2030 Agenda for Sustainable Development on the other hand.



## Etihad Energy Services and Dubai Airports Collaborate for Sustainable Retrofit and Solar Integration Amidst COP28 Proceedings

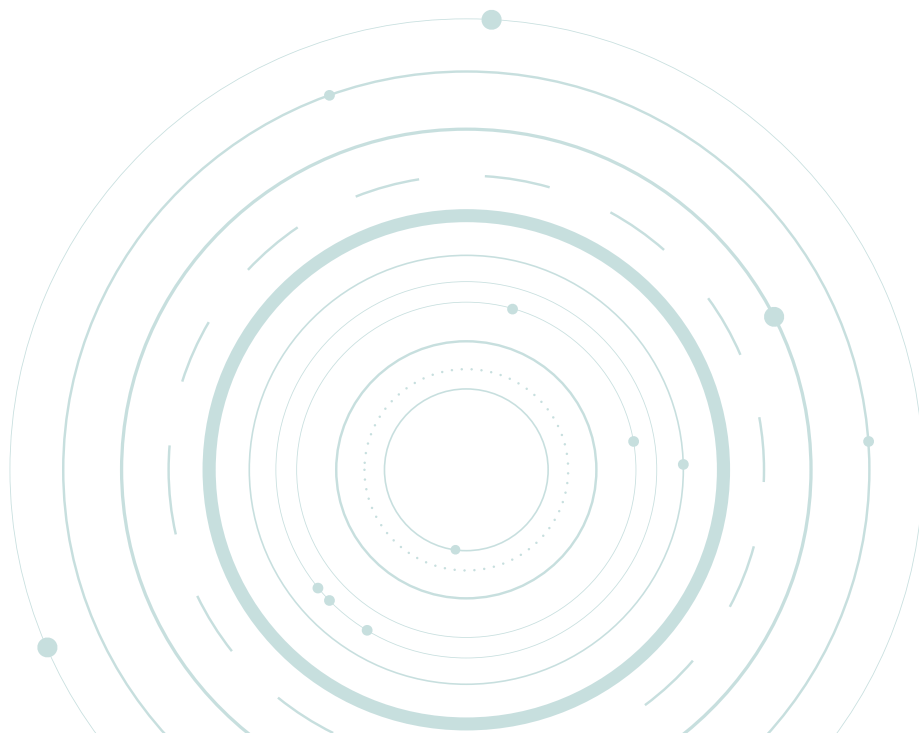


Etihad Energy Services, which is fully owned by DEWA proudly announces a transformative collaboration with Dubai Airports, comprising an innovative retrofit initiative and an extensive solar integration project, aligning with the commitment to sustainability and

environmental stewardship, aligning with COP28 sustainability goals.

Etihad Energy Services, in collaboration with Dubai Airports, a key operator of some of the world's busiest terminals, including Dubai International Airport and Dubai World Central, is at the

forefront of driving substantial positive transformations in energy practices while championing sustainability initiatives. Anticipated to generate significant annual energy and water savings, these projects at Dubai Airports play a pivotal role in shaping a more eco-friendly and sustainable future for the region.





## The 4th cycle of the Mohammed bin Rashid Al Maktoum Global Water Award launched

**Suqia UAE will receive applications until end of April 2024**

HE Saeed Mohammed Al Tayar, Chairman of the Board of Trustees of the UAE Water Aid Foundation (Suqia UAE), has launched the 4th cycle of the Mohammed bin Rashid Al Maktoum Global Water Award. With total prizes of USD 1 million, the Award aims to recognise organisations, research centres, and innovators who develop innovative technologies and prototypes to produce, distribute, desalinate, and purify water using renewable energy. The aim is to find solutions to the water scarcity challenge facing underprivileged and afflicted communities around the world.

"It is my pleasure to announce today the start of the 4th cycle of the Mohammed bin Rashid Al Maktoum Global Water Award, which was launched by His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai.

This Award bears the name of a leader whose generosity goes beyond the UAE and whose helping hand reaches out to those in need all over the world. This million-dollar Award enhances the UAE's efforts in global humanitarian work by encouraging and recognising organisations, individuals, and innovators who develop practical and sustainable solutions for the challenges of water scarcity using renewable energy. This follows the UAE's approach of actively contributing to providing solutions to the challenges facing the world and helping less developed societies to confront challenges and achieve sustainable development. Over the past 3 cycles of the award, we rewarded 31 winners from 22 countries for their innovative projects in water desalination and purification using renewable energy sources, including solar, wind, biomass, hydropower, osmotic power, and geothermal technologies," said Al

Tayer in his speech during an event held by Suqia UAE at Dubai Electricity and Water Authority (DEWA)'s stand at COP28.

Al Tayar commended the level of interest and great turnout that the Award garnered, as well as the quality of innovations presented by companies, research centres, institutions, and innovators. The previous cycle received entries from 56 countries around the world. Last January, His Highness Sheikh Mohammed bin Rashid Al Maktoum received the winners of the 3rd cycle of the Award. His Highness praised their role in combating one of the main challenges of this age, and their endeavour to achieve the Award's objectives of encouraging research centres, individuals, and innovators from across the world to develop sustainable and innovative solutions to overcome the global challenge of clean water scarcity.



## HH Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum reviews progress of DEWA's hydroelectric project in Hatta

His Highness Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum, Crown Prince of Dubai and Chairman of The Executive Council of Dubai, visited DEWA's upcoming hydroelectric plant in Hatta. During his visit, His Highness reviewed the progress of the project, which is the first of its kind in the GCC region.

His Highness Sheikh Hamdan bin Mohammed highlighted Dubai's commitment to implementing strategic

initiatives to expand sustainable infrastructure and consolidate Dubai's eminent position as a green economy hub, in line with the vision and directives of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai.

"Dubai's qualitative achievements in the clean energy sector, and its ability to transform innovative ideas into giant national projects, embody Dubai's spirit

of leadership and vision of comprehensive and sustainable development," Sheikh Hamdan said.

His Highness added: "DEWA's progress in implementing sustainable projects underscores the efficiency of our national workforce and the agility of our organisations in executing projects efficiently. This advancement is evident in the completion rates of the hydroelectric plant, which have reached approximately 80%. Slated to



be operational by the beginning of 2025, the project helps realise the Dubai Clean Energy Strategy 2050 and the Net Zero Strategy 2050, aiming for 100% of energy production capacity from clean sources by 2050. Such achievements reinforce our country's positive role in addressing the effects of climate change and its influential global position in climate action, as exemplified by its hosting of COP28 in Expo City Dubai."

His Highness Sheikh Hamdan bin Mohammed was briefed by HE Saeed Mohammed Al Tayar, Managing Director and CEO of DEWA, on the progress of the hydroelectric power project. The project has reached an 80% completion rate and is scheduled for full completion by early 2025, with a total investment of AED1.421 billion. The project is set to have a capacity of 250 MW, a storage capacity of 1,500 MWh, and lifespan of 80 years.

The hydroelectric plant is a key component of DEWA's sustainable project portfolio, incorporating cutting-edge technologies. Such initiatives are integral to DEWA's commitment to delivering world-leading services and

actively seeking sustainable solutions for current and future challenges, particularly those associated with climate issues. By embracing these advancements, Dubai aims to strengthen its position as one of the most innovative and future-ready cities globally, while significantly contributing to the realisation of Dubai's Clean Energy Strategy 2050.

HE Saeed Mohammed Al Tayar said: "Under the visionary leadership of His Highness Sheikh Mohammed bin Rashid Al Maktoum and the follow up of His Highness Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum, DEWA has formulated a comprehensive plan to advance sustainable development, elevate



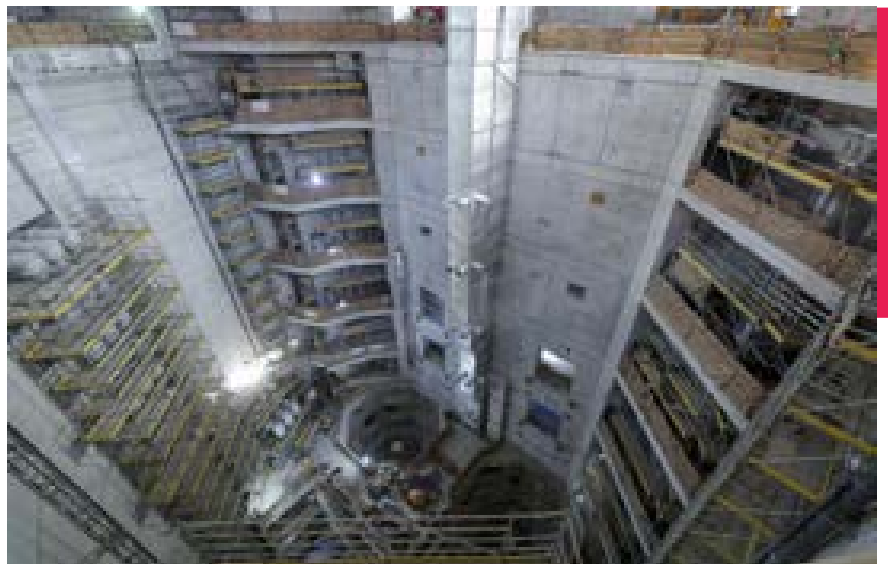




Dubai's global standing as a leader in sustainability and green economy and devise solutions to mitigate carbon emissions and counteract the effects of climate change."

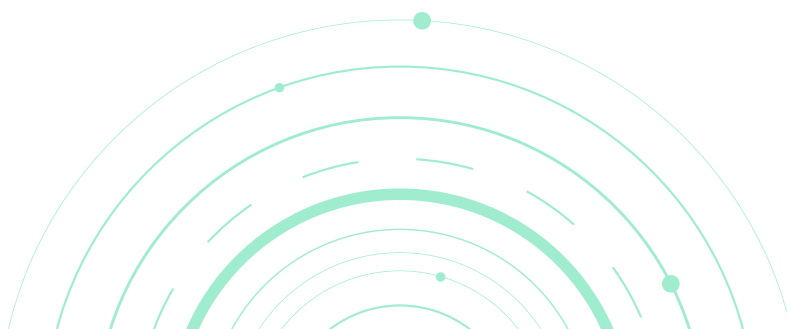
Al Tayer highlighted that DEWA's sustainability projects support the UAE's preparations to host COP28, with the hydroelectric power plant in Hatta being a pivotal component of DEWA's initiatives to diversify energy sources and invest in the energy storage sector. He emphasised that COP28 presents an opportunity to promote the UAE as an ecotourism destination and to showcase the nation's success story in the field of sustainability.

The hydroelectric power station will utilise water from the Hatta Dam and a newly constructed upper reservoir in the mountains. During off-peak hours, sophisticated turbines will harness clean energy to pump water



from the dam to the upper reservoir. Subsequently, turbines driven by the speed of the waterfall from the upper reservoir will generate electricity through a 1.2-kilometer subterranean

water canal. This system boasts high efficiency in power generation and storage, reaching up to 78.9%, with a rapid 90-second response to electricity demand.





## HH Sheikh Ahmed bin Mohammed bin Rashid Al Maktoum inaugurates 25<sup>th</sup> WETEX & DSS

**The exhibition, which marked its silver jubilee in 2023,  
is the region's largest sustainability and clean energy technology exhibition**

**His Highness: Under Mohammed bin Rashid's guidance,  
Dubai is advancing towards its target of carbon neutrality by 2050**

**"WETEX and Dubai Solar Show underscores Dubai's commitment to  
climate action and sustainable economic development"**

**This year's WETEX & DSS features the participation of around 2,600 companies from 62 countries**

**Saeed Al Tayar: The large turnout this year reflects the exhibition's importance as a leading platform that contributes  
to shaping new prospects to build a more sustainable future**

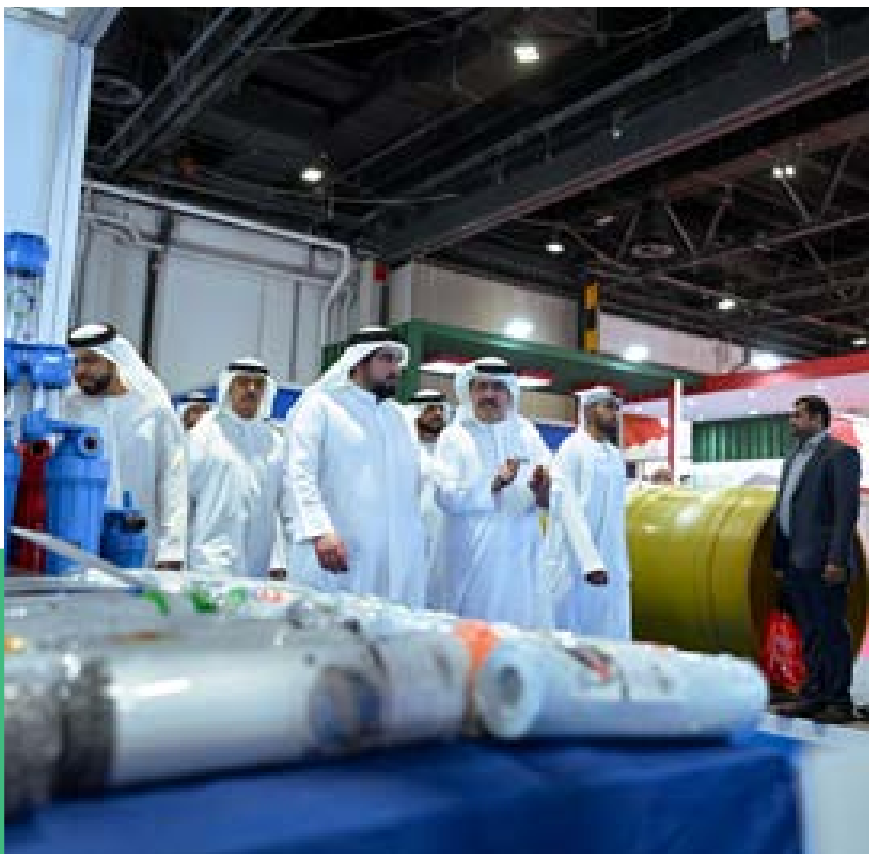
His Highness Sheikh Ahmed bin Mohammed bin Rashid Al Maktoum, Second Deputy Ruler of Dubai, today inaugurated the 25th Water, Energy, Technology and Environment Exhibition (WETEX) and Dubai Solar Show (DSS),

the region's largest sustainability and clean energy technology exhibition.

Organised by DEWA under the directives of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and

Prime Minister of the UAE and Ruler of Dubai, this year's event was themed 'At the Forefront of Sustainability'. Spread over 78,000 square metres, the 2023 WETEX and DSS featured the participation of around 2,600 companies





from 62 countries, in addition to 76 local and international sponsors. The exhibition included 24 international pavilions from 16 countries.

"Under the guidance of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Dubai is advancing towards its target of carbon neutrality by 2050, with significant initiatives such as the Mohammed bin Rashid Al Maktoum Solar Park, the world's largest single-site solar park. Our sustainability initiatives align with our leadership's visionary development strategy to harmonise economic growth and environmental conservation. As the UAE prepares to host the UN climate conference COP28 this month, Dubai continues to accelerate its efforts to enhance sustainability, drive innovation and foster partnerships for a more eco-conscious future. The WETEX and Dubai Solar Show, a key event in the global sustainable energy sector, further underscores Dubai's commitment to climate action and sustainable economic development," said HH Sheikh Ahmed bin Mohammed bin Rashid Al Maktoum, Second Deputy Ruler of Dubai.

The exhibition, which marks its silver jubilee this year, assumes particular significance in the UAE's Year of Sustainability. Showcasing the latest

in renewable and clean energy and environmental technologies, it serves as a platform for knowledge exchange and highlights Dubai's exceptional investment opportunities in the sustainability sector.

HH Sheikh Ahmed bin Mohammed bin Rashid Al Maktoum, accompanied by His Excellency Abdulla Al Basti, Secretary General of The Executive Council of Dubai; His Excellency Matar Humaid Al Tayer, Chairman of the Board of Directors of DEWA; His Excellency Saeed Mohammed Al Tayer, MD & CEO of DEWA and Founder and Chairman of WETEX and Dubai Solar Show; His Excellency Helal Saeed Almarri, Director General of Dubai's Department of Economy and Tourism; and senior officials, toured the exhibition. They were briefed about the latest technologies, innovations and products in energy, water desalination, green technologies, clean and renewable energy solutions, environmental sustainability, the Fourth Industrial Revolution technologies, digital transformation, Artificial Intelligence, and R&D, among others.

"Under the directives of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of

Dubai, WETEX and Dubai Solar Show, organised by DEWA, brings together major international companies specialised in various sustainability sectors. The exhibition has become a yearly event anticipated by investors, specialists, decision-makers, as well as organisations and companies working in the energy, water, and sustainability sectors in the region and worldwide. It provides a platform to present their latest technologies and green products as well as promote their innovative solutions in renewable and clean energy, water, environment, and sustainability, among other areas. The exhibition allows them to explore promising investment opportunities in these vital sectors," said HE Saeed Mohammed Al Tayer, MD & CEO of DEWA, Founder and Chairman of WETEX and Dubai Solar Show.

"Over 25 years, WETEX and Dubai Solar Show has provided a leading platform for investors to build strategic partnerships and explore business opportunities by meeting representatives from major companies and decision-makers from around the world under one roof. This supports global sustainability ambitions and strengthens cooperation among all stakeholders. The large turnout from major local and international companies this year reflects the importance of WETEX and DSS as a leading platform that supports global cooperation and contributes to shaping new prospects to build a brighter and more sustainable future for the current and next generations," added Al Tayer.

His Highness toured DEWA's pavilion and was briefed on DEWA's key sustainability projects, most notably the Mohammed bin Rashid Al Maktoum Solar Park, the largest single-site solar park in the world. His Highness also visited a number of pavilions and stands of international and local entities participating in the exhibition, including Siemens Energy, Abu Dhabi Future Energy Company (Masdar), the Emirates Central Cooling Systems Corporation (Empower), Etihad Water & Electricity, and Damac.

In addition to showcasing the latest technologies and innovations in the energy, water, sustainability, renewable and clean energy sectors from around the world, the exhibition featured 163 specialised seminars with the participation of global experts and specialists.

## Quotes by WETEX&DSS 25th edition Sponsors

### JUBILEE SPONSORS

هيئة الطرق والمواصلات  
ROADS & TRANSPORT AUTHORITY



#### DUBAI ROADS AND TRANSPORT AUTHORITY

"RTA's participation in WETEX is part of the national efforts to address energy and climate change challenges and develop sustainable solutions for them. Through its involvement, RTA seeks to gain insights into the latest innovations in renewable energy, water and environmental solutions besides providing a platform to engage with global leaders and experts in the green economy, smart cities, innovation and sustainable growth."



**HE Mattar Al Tayer**

Director General,  
Chairman of the Board of  
Executive Directors of RTA.



ENOC



**HE Saif Humaid Al Falasi**

Group CEO, Emirates National  
Oil Company (ENOC).

"WETEX has played a pivotal role in supporting the UAE's efforts towards a green economy and strengthening Dubai's position as a global hub for innovation and sustainability. As a leading integrated global energy player, we are proud to have been participating at WETEX for over a decade now."



#### ACWA POWER

"As a multi-faceted leader in energy transition and water desalination, ACWA Power finds itself inherently aligned with the theme of WETEX and Dubai Solar Show 2023 - 'At the Forefront of Sustainability'. We are proud to lead and support transformation through our innovative, first-mover solutions in areas including solar and wind farms, green hydrogen and water desalination, bringing reliable, responsible and affordable power and water to the communities where we operate. We believe in combining our strengths of human capital and disruptive technology with a powerful appetite for change, to serve as a preferred, trusted and transformative partner for growth."



**Mohammad Abunayyan**

Chairman, ACWA Power

**SIEMENS**  
*Ingenuity for life*

**SIEMENS**



**Helmut von Struve**

Chief Executive Officer of Siemens in the UAE and the Middle East.

“WETEX is one of the premier global events in the water, energy, and technology sectors, and we at Siemens are honoured to be Jubilee Sponsors of the 2023 edition, which falls right before the UAE hosts COP28 in Dubai”.

**wasl**

**WASL GROUP**

“WETEX is one of the most eagerly anticipated events in the UAE’s sustainability calendar and a vibrant platform for Wasl to explore opportunities for collaboration, aligned with the UAE’s green ambitions. We believe that long-term value creation can be successfully achieved by serving the interests of the planet, our people, customers, and communities. As COP28 convenes in the UAE later this year, Wasl looks forward to being a part of the wider global climate action plan. Through our efforts as one of Dubai’s leading organisations, we are committed to sustainability initiatives that inspire people and businesses to take action towards a sustainable future”.



**HE Hesham Abdullah Al Qassim,**  
CEO of Wasl Group.

**EMAAR**

**EMAAR PROPERTIES**



**Ahmed Almatrooshi,**

Emaar Properties Executive Board Member, and General Director of Emaar Foundation

“Emaar’s participation in WETEX demonstrates its commitment to sustainability and showcases innovative solutions for water and energy conservation in the built environment. WETEX plays a crucial role for real estate developers as it provides a platform to showcase and explore sustainable technologies, practices, and solutions related to water, energy, and environmental conservation”.

## DIAMOND SPONSORS



### JEDDAH CABLES COMPANY



**Hesham Helal Elsewedy,**  
Chairman of Jeddah Cables Company

"Keeping our long and outstanding business relationship with DEWA for decades, we proudly share the fact that we have been one of the biggest suppliers of power cables to DEWA, and we consider it one of our most prestigious achievements. Being one of the most important business partners, it has been our pleasure to participate in WETEX, one of the biggest power exhibitions in the world, for more than a decade, and we wish DEWA more success, continuous growth, and progressive achievements".



### SUSTAINABLE WATER SOLUTIONS HOLDING COMPANY (SWS)



**Eng. Ahmed Al Shamsi,**  
Managing Director & Chief Executive Officer,  
Sustainable Water Solutions Holding Company

"WETEX provides us with a unique opportunity to engage with other industry leaders, share insights, and drive progress in the field. As a diamond sponsor, we eagerly anticipate participating in WETEX later this year. This prestigious event offers a powerful platform to foster meaningful collaboration, ignite innovation, and co-create sustainable solutions. WETEX's reputation as one of the leading conventions in the industry for the wider region of MENA, Asia, and Europe attracts key stakeholders, decision-makers, and visionaries who are committed to shaping the future of the water journey as a crucial resource".



### DAMAC PROPERTIES



**Hussain Sajwani,**  
Founder and Chairman of the  
Board of Directors of DAMAC  
Properties

"At DAMAC Properties, we understand the profound responsibilities of corporate governance in the real estate industry and the need to adopt sustainability and sustainable building practices in our core business. Our participation at WETEX will showcase our energy-efficient practices and integrated sustainable designs and principles in our building and construction ecosystem, which will reflect our commitment to sustainability and a greener, more resilient future".

## TITANIUM SPONSORS

الاتحاد للماء والكهرباء  
Etihad Water & Electricity



### ETIHAD WATER AND ELECTRICITY



**Eng. Yousif Ahmed Al Ali,**  
CEO of Etihad Water and Electricity  
Company (EtihadWE),

Eng. Yousif Ahmed Al Ali, CEO of Etihad Water and Electricity Company (EtihadWE), stated that WETEX and DSS has solidified its position as the most important and prominent event of its kind in the region, with the highest attendance and impact on sustainability, climate, and energy issues.

"At EtihadWE, we recognise the importance of WETEX and DSS in creating significant partnership opportunities within the relevant sectors, which are integral to our company's core operations and aligned with the nature of the services we provide. Therefore, we are committed to participating in the exhibition annually to closely explore the latest technologies and best practices, enhance cooperation, and exchange expertise with policymakers in these vital sectors," added Al Ali.



### AG POWER

"The organisation takes immense pride in its partnership with DEWA, a trailblazer in embracing top-tier methodologies to provide exceptional services and promote sustainable lifestyles for millions. AG Power is eagerly anticipating its involvement as DEWA's privileged service provider at the WETEX & Dubai Solar Show exhibition".



**K. Jacob John,**  
Chief Executive Officer of AG Power



### SAP



**Marwan Zeineddine,**  
Interim Managing Director at SAP UAE

"In a time where sustainability has become a necessity rather than a luxury, SAP is honoured to be a part of WETEX. Our partnerships and close collaboration with utility companies in the region and across the globe emphasise the importance of collective efforts in shaping a more sustainable future".

## STRATEGIC MEDIA SPONSORS



**Mohamed Burhan,**  
CEO of CNBC Arabia

Mohamed Burhan, CEO of CNBC Arabia, stated that the partnership with DEWA stands renewed this year, intending to give WETEX the media momentum that the exceptional initiative deserves. He said the partnership with DEWA was in line with CNBC Arabia's approach to support and highlight creative initiatives in the green business sector. He went on to praise the active attendance witnessed by the exhibition and the accompanying event every year.



## DUBAI MEDIA



**Mohamed AlMulla,**  
CEO of Dubai Media

Mohamed AlMulla, CEO of Dubai Media, highlighted the significance of WETEX, which brings together energy and sustainable energy experts from all around the world under one roof, reinforcing Dubai's leadership position on the global map. WETEX is a major event in the global sustainability calendar in Dubai and the Emirates, serving as a major platform for exploring cooperation and partnership opportunities in the energy sectors, and promoting the green economy, which is aligned with the strategy of Dubai that has become a global centre for the green economy due to the visionary aspirations of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President, Prime Minister, and Ruler of Dubai, who aims to solidify Dubai's position as a global business capital."



**Mahmoud Al Rasheed,**  
General Manager of the Arab  
Radio Network

"We are proud of this distinguished strategic partnership with DEWA and the media sponsorship of the 25th WETEX and Dubai Solar Show (DSS). We are also proud to be the media sponsor that accompanies this event year after year. It achieved great success during its previous years, despite all the circumstances the world is going through, from economic crises to the COVID-19 pandemic. It has become a forum for experts and specialists from all over the world to discuss the latest innovative solutions to meet the challenges faced by the sectors of clean and renewable energy, water, environment, oil and gas, sustainability, and others."



## STRATEGIC SPONSORS



MASDAR

"Masdar is proud to be supporting DEWA as a strategic sponsor of WETEX and DSS, that are helping to drive forward the global sustainability sector. This is a part of the long-term strategic partnership between DEWA and Masdar signed at Abu Dhabi Sustainability Week (ADSW) 2023, where DEWA will be the ADSW associate partner from 2023 to 2025, and Masdar will be the WETEX jubilee sponsor for the same period. This partnership reflects DEWA and Masdar's shared values to support the UAE leadership's vision in building a more sustainable future in the UAE and around the world".



**Mohamed Jameel Al Ramahi,**  
Chief Executive Officer of Masdar



EMPOWER



**HE Ahmad bin Shafar,**  
CEO of the Emirates Central Cooling Systems Corporation (Empower).

"We once again sponsor the event out of our institutional commitment. We are immensely proud to participate in WETEX, as it demonstrates our eagerness to keep up with the advancements of the Fourth Industrial Revolution and our continued support for the transition to a green economy, as well as the application of digital technologies and AI in the district cooling industry. Renewing our strategic sponsorship of the event reflects Empower's institutional approach in supporting a global Emirati event that has become a prestigious international platform".



RIYADH CABLES GROUP

"Being the largest cable company in the Middle East, we are proud to be part of the region's most prominent event. WETEX is the most important regional platform focused on green technologies, sustainability and renewable energy making it the perfect place for Riyadh Cables Group to showcase the innovative cables and solutions the Group developed in recent years. Energy transition and digital transformation cannot happen without cables, in fact thanks to this great event we will be exhibiting new technologies developed, from solar and wind cables to transmission and distribution solutions. With our best-in-class design team, efficient industrial footprint and fastest deliveries, every day we are committed to provide best service to our customers and partners, with the highest quality and reliability. We are also proud that we are completing first phase of important investments in our affiliate National Cable Industry, located in Sharjah - UAE, increasing the local content in the country and most importantly achieving the capability to provide competitive localised HV solution to our UAE valued customers, in addition to MV and LV cables and wires."



**Borjan Sehovac,**  
CEO of Riyadh Cables Group



**GREEN OASIS**  
GENERAL CONTRACTING

**GREEN OASIS GENERAL  
CONTRACTING COMPANY**



**Mohamed Ayad,**  
CEO of Green Oasis General  
Contracting Company

"It's been a great honour to be actively engaged in WETEX now on its 25th edition which is organised by DEWA. Being able to continuously participate is an opportunity to explore future potential collaborations and build strong relations with our partners in the industry for the advancement of the energy and water sector in the Emirates".



A company of **R&S**

**TESAR SRL**



**Matteo Angiolini,**  
Managing Director of Tesar SRL

"We have to speed up the installation of new infrastructure for the production and use of renewable energy and using the last innovative sustainable technologies. This is to mitigate climate change and live in a better world, also for future generations. We, as Tesar SRL, play an important role by guaranteeing energy through the usage of our low losses transformers".



**HYUNDAI ELECTRIC**



**Seok Cho,**  
CEO of HD Hyundai Electric

"We are pleased to introduce eco-friendly and high-efficiency power equipment with the latest technology of HD Hyundai Electric through this exhibition. We will continue to develop power technologies and energy solutions that respond to the global climate action and contribute to moving toward carbon neutrality".





ARAR

ARAR UTILITY COMPANY

“Our partnership with governmental and national authorities and companies has allowed us to develop our experience, skills, and resources. We have implemented the wise vision of the United Arab Emirates through strategic projects that enriched our advanced engineering knowledge and contributed to economic development. WETEX in Dubai will provide us with the perfect opportunity to showcase our experience and knowledge in this field. We are excited to contribute to the development and prosperity of Dubai and the United Arab Emirates”.



**Ramesh Muniyandi,**  
MD of Arar Group



TCS (TATA CONSULTANCY SERVICES)



**Sumanta Roy,**  
Vice President & Head of Middle East, Africa,  
Mediterranean, TCS (Tata Consultancy Services)

“As a strategic partner of WETEX, TCS aims to bring this narrative of ‘Together beyond net zero’ to the world. With our wide range of products and solutions, we want to help companies build the sustainable future they deserve. TCS, being a global company, is estimated to touch the lives of more than 2.5 billion people across the world. This is a big number and with that comes an even bigger responsibility - one of sustainable business”.

## PLATINUM SPONSORS



LARSEN & TOUBRO

“Larsen & Toubro is proud to be associated with WETEX and Dubai Solar Show for the past several years. This leading platform in the region has enabled us to showcase our latest innovations, track record and achievements in clean energy and water areas. It has also provided us with the opportunity to meet and exchange ideas with prominent global stakeholders in the industry. We remain committed to supporting Dubai’s vision to build a sustainable future for the Emirate by bringing in advanced solutions for renewable energy generation and for reliable, efficient supply of electricity & water”.



**T. Madhava Das,**  
Whole-Time Director &  
Sr. Executive Vice President  
(Utilities), L&T

## GOLD SPONSORS



**ITRON**

"Recognising the many challenges and roadblocks to integrating renewable energy around the world, we are proud to be a gold sponsor of WETEX, which brings together leaders in the industry to promote a more resourceful world".



**Andrew Jones,**  
Vice President of Sales for Europe, the Middle East and Africa at Itron.



**TRILLIUM  
FLOW TECHNOLOGIES**



**David A. Paradis,**  
CEO of Trillium Flow Technologies.

"Like DEWA, our company promotes environmental and social sustainability. This commitment is so important to us that we have made it a part of our mission. For over five years, we have been proud to exhibit and sponsor WETEX through our Termomeccanica Pompe legacy brand, which serves the global water and energy markets. This exhibition offers a unique opportunity to showcase our flow control products and services to a wide audience in the UAE".



**SCHWEITZER ENGINEERING  
LABORATORIES (SEL)**

"We at SEL are proud to be part of the 25th WETEX and Dubai Solar Show as a Gold sponsor and continue our long-term partnership with DEWA. This will be a great opportunity to interact with customers to demonstrate and teach on the latest technologies in Power System Protection, Automation, Communication and Cyber Security Solutions".



**Jassim Al Hamad,**  
Regional Director for IMEA Region, Schweitzer Engineering Laboratories (SEL).



**TAMCO SWITCHGEAR**



**Dr. Ir. Segaran Narayanan,**  
CEO of Tamco Switchgear

"Tamco Switchgear plays a crucial role in ensuring reliable and safe delivery of electrical power. In line with the global energy transition path, TAMCO strives to provide world-class quality switchgear products with customised solutions in facilitating the integration of renewable energy sources and enabling the implementation of smart grid technologies. As a Gold Sponsor of WETEX 2023, we stand together with DEWA at the forefront of sustainability, driving innovation and fostering a harmonious relationship between progress and our planet".



DANWAY

"Danway has been an active participant at WETEX and Dubai Solar Show over the years, an annual event organised by DEWA. WETEX and Dubai Solar Show is one of the premier global events in the water and energy sectors, and this provides an excellent platform to exhibit our extensive track record and capabilities in the High Voltage Transmission & Distribution, Renewables and Water businesses within the MENA region".



**SG Nair,**  
Group Managing Director and CEO  
of DANWAY.



**OMAN INTERNATIONAL  
TELECOMMUNICATION  
CONTRACTING LLC (OITC)**



**Mr. Suresh Kumar,**  
General Manager of Oman International  
Telecommunication Contracting LLC (OITC)

"WETEX and Dubai Solar proves to be a perfect platform to share thoughts & ideas with various delegates across the globe. Dubai upholds its competitive edge that attracts foreign investments is one of the world's fastest growing economy and proves to be a business hub for cost-effective and innovative solutions"

## LEADERSHIP ROUNDTABLE SPONSORS

**SUNGROW**  
Clean power for all

SUNGROW

"We are thrilled to participate in WETEX and Dubai Solar Show organised by DEWA. This year's theme, 'At the forefront of sustainability,' perfectly aligns with Sungrow's commitment to advancing clean energy solutions. As the largest exhibition in the region for energy, water, green development, sustainability, and related sectors, and one of the largest specialised exhibitions worldwide, WETEX and DSS provide an exceptional platform to explore cutting-edge technologies that propel climate action and bolster the UAE's leadership in shaping a sustainable future."



**Mr. Thompson Meng,**  
Vice President of Sungrow PV &  
Storage Business Group, President  
of Sungrow OSKA, and MD of  
Sungrow MENA region.

# NEWS



بنك دبي الإسلامي  
Dubai Islamic Bank

## DUBAI ISLAMIC BANK

"In line with our strategic intent to collaborate with landmark events that drive the overall sustainability agenda, and to fuel Dubai Islamic Bank's aspirations to remain at the forefront of ESG and Sustainability, we are privileged to participate in the 25th WETEX and Dubai Solar Show. Despite a record high investment of USD 1.3 trillion in energy transition technologies last year, we're still falling short of what's needed to meet critical sustainability goals. Focusing on such platforms not only aligns with the UAE's 'Year of Sustainability' but also with the Dubai Clean Energy Strategy 2050, to provide 100% of the energy production capacity from clean energy sources by 2050".



**Dr. Adnan Chilwan,**  
Group CEO, Dubai Islamic Bank.

## INNOVATORS LAB



مدينة إكسبو دبي  
EXPO CITY DUBAI

## EXPO CITY DUBAI



**Sumaya Al Ali,**  
Vice President, Government Partnerships,  
Expo City Dubai.

"Climate change is among the most pressing issues facing the world today, and WETEX provides a powerful platform for innovators to share potential solutions, ideas and technologies. We are proud to be among them, to showcase our achievements and ambitions – including our decarbonisation roadmap setting out our journey to net zero by 2050 – because collaborating for a better, more sustainable future is what guided us at Expo 2020 and what continues to drive our vision at Expo City Dubai".





## HH Sheikh Ahmed bin Mohammed bin Rashid Al Maktoum attends the opening of the 9th edition of the World Green Economy Summit

Under the patronage of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, His Highness Sheikh Ahmed bin Mohammed bin Rashid Al Maktoum, Second Deputy Ruler of Dubai, attended the opening of the 9th edition of the World Green Economy Summit at Madinat Jumeriah Conference Centre in Dubai. The opening ceremony was held in the presence of His Highness Sheikh Ahmed bin Saeed Al Maktoum, Chairman of the Dubai Supreme Council of Energy.

The Summit, jointly organised by the Dubai Supreme Council of Energy, Dubai Electricity and Water Authority (DEWA), and the World Green Economy Organization (WGEO), was held under the theme 'Bridging the Gap to the Future: Advancing the Global Green Economy' from November 28 to 29.

The inaugural day of the event was attended by His Excellency Surangel Whipps Jr., President of Palau; His Excellency Felipe Calderón, Former President of Mexico and Chair of the Global Commission on the Economy and Climate; His Excellency Suhail bin Mohammed Al Mazrouei, Minister of Energy and Infrastructure; His Excellency Abdulla bin Touq Al Marri, Minister of Economy; Her Excellency Mariam Almheiri, Minister of Climate Change and Environment; His Excellency Dr. Thani bin Ahmed Al Zeyoudi, Minister of State for Foreign Trade; His Excellency Saeed Mohammed Al Tayer, Vice Chairman of the Dubai Supreme Council of Energy, MD and CEO of DEWA and Chairman of WGEO; His Excellency Ambassador Majid Al Suwaidi, Director-General and Special Representative of COP28, and Ambassador Patricia Espinosa, Founding Partner and CEO of Onepoint5. The Summit also welcomed several ministers,

officials, academics and global experts specialising in the fields of economy, energy, environment, and sustainability.

HE Saeed Mohammed Al Tayer delivered the keynote speech at the Summit, during which he conveyed his appreciation to HH Sheikh Mohammed bin Rashid Al Maktoum for his patronage of the event. He also expressed his gratitude to HH Sheikh Ahmed bin Mohammed bin Rashid Al Maktoum for attending the Summit.

Al Tayer said that the 9th World Green Economy Summit coincided with the UAE's preparations to host the 28th United Nations Climate Change Conference (COP28), reflecting the country's unwavering commitment to global collaboration in combating climate change.

"Climate change has become an





existential crisis affecting every corner of our planet. It is an undeniable fact that requires global cooperation and concerted action. The urgency of this mission cannot be overstated, for the window of opportunity to limit climate change by transitioning to a green global economy is rapidly closing.

"In light of the profound climate change challenges affecting the world, there is an increasingly pressing need for immediate, participatory and collaborative action. At the World Green Economy Organization, established in 2016 by HH Sheikh Mohammed bin Rashid Al Maktoum in partnership with the United Nations Development Program (UNDP), we acknowledge this urgent need," said Al Tayer.

HE Felipe Calderón said: "If we continue with business-as-usual, we will not be able to achieve our climate goals and limit warming to under 1.5°C. Action must be taken to decarbonise every sector of the economy. It is possible to combat climate change and stimulate economic growth simultaneously."

HE Suhail bin Mohammed Al Mazrouei, said, "Clean energy is a fundamental requirement for building a robust green economy. Therefore, we have updated the UAE Energy Strategy 2050 with higher, more ambitious targets. These include tripling our renewables capacity by 2030, expanding our clean energy capacity to 19.8 GW, and raising the share of installed clean energy capacity to 30% by 2030. We have also introduced the National Hydrogen Strategy, aiming to produce 1.4 million

tons of low-emission hydrogen annually by 2031, with a further goal to increase production to 15 million tonnes annually by 2050. Both strategies are crucial enablers of the UAE's net-zero by 2050 target."

HE Abdulla bin Touq Al Marri, said: "The UAE has embraced the green economy

as a cornerstone of its new knowledge-based model, integral to the 'We Are the Emirates 2031' vision, and a vital axis in realising the country's sustainable development. Accelerating green growth is a significant trajectory in the nation's economic journey, marked by several ongoing initiatives and policies aimed at developing a resilient and sustainable economic model for the future. The circular economy policy contributes to building an economy that is more sustainable, rationalises resources, and relies on clean energy, with a reduction in waste, pollution, and carbon emissions."

HE Dr. Thani bin Ahmed Al Zeyoudi said: "The World Green Economy Summit is a crucial platform for advancing the climate mitigation and energy transition agendas, showcasing the leadership of the UAE on these vital issues. By convening stakeholders from the public and private sectors, as well as academia, we can develop frameworks, formulate policies, and explore solutions that lead to long-term, meaningful change. This fosters a genuine global movement that recognises the opportunities within this economic and social transformation."



## The World Green Economy Organization (WGEO) and United Cities and Local Governments of Africa (UCLG Africa) Forge a Strategic Partnership During the World Green Economy Summit 2023



In a move towards fostering sustainable development and green initiatives across the African continent, the World Green Economy Organization (WGEO) and the United Cities and Local Governments of Africa (UCLG Africa) signed a Memorandum of Understanding (MoU) during the World Green Economy Summit 2023, held in Dubai, The United Arab Emirates.

The MoU, signed by His Excellency Saeed Mohammed Al Tayer, Chairman of WGEO, and Mr. Jean Pierre Elong

Mbassi, Secretary General of UCLG Africa, marks a significant milestone in collaborative efforts towards achieving the Sustainable Development Goals (SDGs) outlined in the 2030 agenda.

The Memorandum of Understanding (MoU) between the World Green Economy Organization (WGEO) and United Cities and Local Governments of Africa (UCLG Africa) emphasizes key areas of collaboration. It highlights a commitment to aligning their initiatives with the Sustainable Development Goals


(SDGs), particularly focusing on Goal 7 for ensuring sustainable energy for all. The MoU also outlines plans to integrate UCLG Africa into the WGEO's "CITIES" platform, fostering collaboration among cities for sustainable development. Both organizations pledge to support the Global Alliance on Green Economy (GAGE) and the Green Economy Accelerators (GEAs) in African countries. The agreement includes provisions for joint workshops, seminars, conferences, and events to enhance the effectiveness of their developmental efforts through collaborative initiatives.



## Dubai Electricity and Water Authority PJSC announces record operating and financial results for the 3rd Quarter of 2023

- Highest reported quarterly revenue, operating profit, EBITDA and net profit in DEWA's history
- Highest quarterly revenue, operating profit, EBITDA growth of 10.2%, 13.9% and 9.9% respectively
- Robust quarterly net profit growth of 6.9%
- Robust quarterly growth of 8.8% for electricity generation and 5.4% for water
- Highest quarterly peak load electricity demand growth of 9.0% to 10.4 GW
- Robust quarterly peak load water demand growth of 4.9% to 433 MIGD
- Year to date emissions reduction of over 3 million tonnes of CO2

Q3, 2023			9 Months, 2023		
Revenue	Operating Profit	EBITDA	Revenue	Operating Profit	EBITDA
<b>AED 9.4 billion</b>	<b>AED 3.7 billion</b>	<b>AED 5.2 billion</b>	<b>AED 22.2 billion</b>	<b>AED 6.9 billion</b>	<b>AED 11.2 billion</b>
+10.2%	+13.9%	+9.9%	+7.4%	+6.8%	+3.3%
vs. Q3, 2022	vs. Q3, 2022	vs. Q3, 2022	vs. 9M, 2022	vs. 9M, 2022	vs. 9M, 2022

 Dubai Electricity and Water Authority PJSC (ISIN: AED001801011) (Symbol: DEWA), the Emirate of Dubai's exclusive electricity and water services provider, which is listed on the Dubai Financial Market (DFM), today reported its third quarter 2023 consolidated financial results, with a record quarterly revenue of AED 9.4 billion, an operating profit of AED 3.7 billion, and EBITDA of AED 5.2 billion. For the first nine months, DEWA's consolidated revenue totalled AED 22.2 billion, with an operating profit of AED 6.9 billion and EBITDA of AED 11.2 billion.

By the end of Q3, 2023, the Company's net cash from operating activities increased by a robust AED 754 million to AED 9.8 billion, representing a stellar 8.3% increase compared to the same period last year.

Robust on the ground fundamentals are driving record quarterly growth across DEWA's income statement

DEWA's third-quarter consolidated revenue increase of 10.2% to AED 9.4 billion was mainly driven by an increase in demand for electricity, water, and cooling services as well as an increase in the revenues from DEWA's other portfolio of assets.

Total power generation in the third quarter reached 18.897 TWh, compared to 17.375 TWh in the same quarter in 2022, a growth of approximately 8.8%. A reliability factor of 99.5% was maintained. Total green energy generation during the quarter amounted to 1.626 TWh, a 29.9% increase over the same period in 2022. DEWA achieved gross heat rate of 8,042 BTU/kWh which is a 2.5% improvement over last year and reflects higher operational efficiency

resulting from the Company's targeted sustainability and optimization efforts.

Water desalination in the third quarter of 2023 reached 38.7 billion imperial gallons (BIG), a 5.4 % increase over same period in previous year. As on 30 Sep 2023 DEWA is serving 1,200,312 customers, which is 57,159 ( or 5%) more accounts than a year ago, and an increase of 15,601 accounts from the second quarter of 2023.

Despite a doubling in finance costs, DEWA's third-quarter net profit exceeds profit of the same period last year by 6.9%. The semi annual dividend cover ratio, based solely on the third quarter net profit exceeds 1, indicating that the company can cover its dividend for H2, 2023 from its third quarter profit alone.

For the first 9 months of 2023, DEWA's revenue growth of 7.4% was mainly driven by electricity demand growth of 6.4%, water demand growth of 5.7% and cooling services revenue growth of 9.5%. In addition, the company delivered 4.771 TWh of green power, representing a 34.5% increase compared to the same period last year.

### Quote

"At DEWA, we continue our journey of excellence and sustainable growth, guided by the vision of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, and the directives of His Highness Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum, Crown Prince of Dubai and Chairman of the Executive Council of Dubai, and His Highness Sheikh Maktoum bin Mohammed bin Rashid Al Maktoum, First Deputy Ruler

of Dubai, Deputy Prime Minister and Minister of Finance of the UAE.

I am pleased to report significant achievements and record-breaking milestones for DEWA in this quarter. We have achieved the highest quarterly revenue, operating profit, EBITDA and net profit in DEWA's history with an outstanding 9.9% growth in our EBITDA. Our electricity generation growth of 8.8%, gross installed capacity of 15.1 GW with 17% of which is coming from renewable sources, peak load of 10.4GW, customer accounts exceeding 1.2 million, are the highest ever reported. Today, our gross infrastructure investment exceeds AED 215 billion, and our year to date carbon emissions reduction has exceeded 3 million tons. The profit from this quarter alone is sufficient to meet our dividend obligations for the second half of 2023," said HE Saeed Mohammed Al Tayer, MD & CEO of DEWA.

"We are committed to pursuing our leadership role in sustainability, enhancing customer happiness, globally leading operational excellence and future-proofing our operating model. DEWA's shareholder strategy is focused on delivering consistent returns, upholding highest Environmental, Social, and Governance (ESG) standards, delivering sustainable growth and compounding of our growth value over time for our investors" noted Al Tayer

### Delivering growth

By the end of the third quarter of 2023, the Company's installed generation capacity was 15.1 GW with 2.6 GW of this capacity coming from renewable energy sources. DEWA has added 200 MW of green capacity during the 3rd quarter of 2023.

DEWA Gross Installed Capacity as of 30 September 2023			
Generation Plant	Capacity (MW)	Desalination Type	MIGD
Jebel Ali & Al Aweer	10,690	Jebel Ali Multi Stage Flash	427
Mohammed bin Rashid Al Maktoum Solar Park	2,627	Jebel Ali Reverse Osmosis	63
Hassyan Power Plant	1,800		
<b>Total</b>	<b>15,117</b>	<b>Total</b>	<b>490</b>

By 2030, DEWA will add 240 MIGD of desalination capacity, using reverse osmosis technology. By that time, DEWA's total gross installed desalinated capacity will reach 730 MIGD. In addition, the company's gross generation installed capacity will reach 20 GW. Of this 20 GW capacity, DEWA will have 5 GW of installed renewable capacity, representing 25% of the generation sourced from renewable sources.

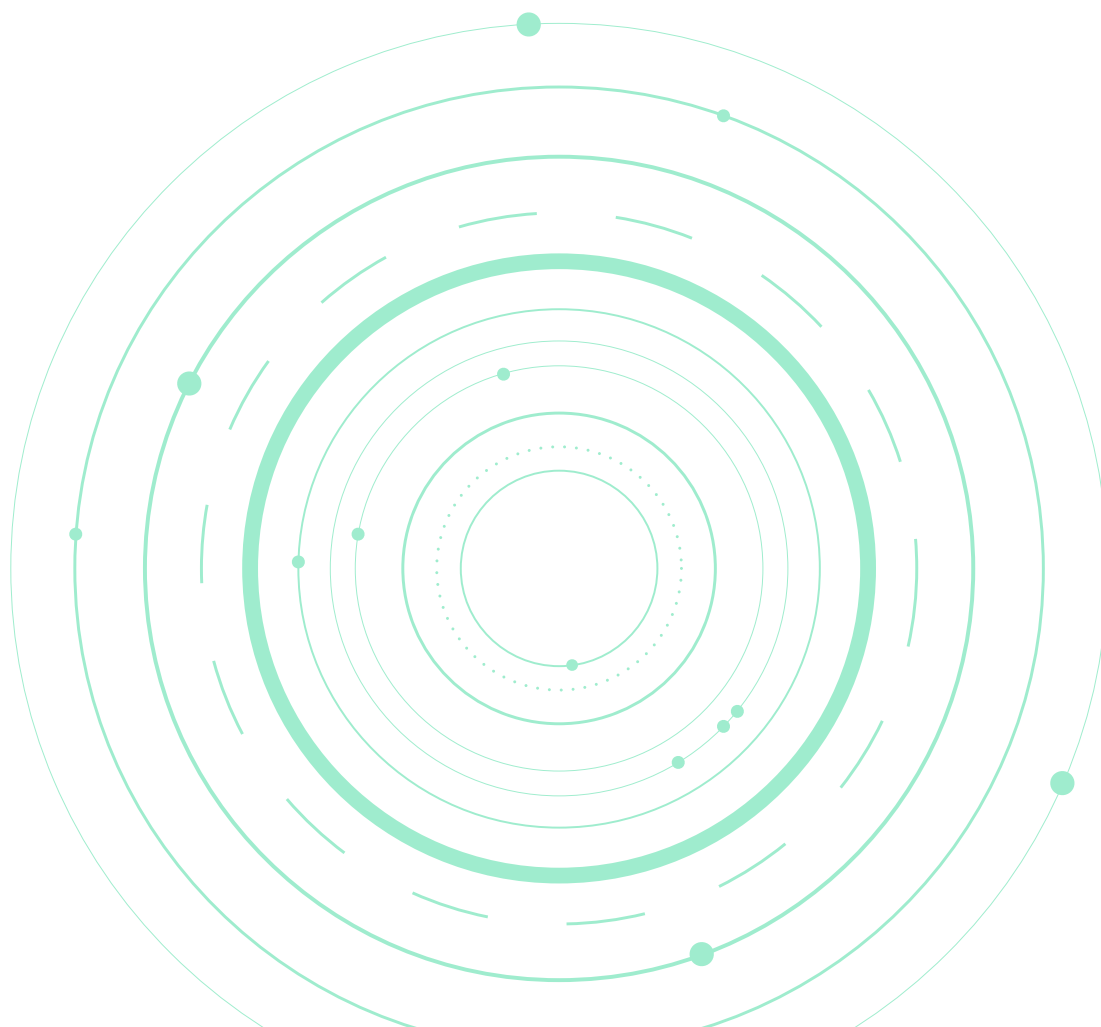
### Emission Reduction

Year to date, DEWA has reduced 1.29 million tonnes of CO2 emissions from its core gas-fired generation and 1.8 million tons from the operating phases of the Mohammed bin Rashid Al Maktoum Solar Park

### Dividend policy

As per DEWA's dividend policy, the

Company expects to pay a minimum annual dividend of AED 6.2 billion in the first five years starting October 2022. The dividends are being paid semi-annually in April and October. On 26 October 2023, DEWA distributed AED 3.1 billion as dividend for H1, 2023 to its shareholders, based on a record date of 18 October 2023. The upcoming dividend of AED 3.1 billion for H2, 2023 is expected to be distributed in April 2024.





## ENOC Group opens first integrated fuel station that includes green hydrogen in collaboration with DEWA

📌 In line with the commitment to advance Dubai as a global model in sustainability and green transformation, His Excellency Saeed Mohammed Al Tayer, Vice Chairman of the Dubai Supreme Council of Energy, Chairman of ENOC, inaugurated the Group's first green hydrogen station located within the Service Station of the Future (SSoF) at Expo City Dubai, in the presence of ENOC Group's CEO, His Excellency Saif Humaid Al Falasi. SSoF is now the only station in the region to provide green hydrogen, hydrocarbon fuels (petrol and diesel) as well as electric charging stations.

The new green hydrogen station, which is a joint venture between ENOC Group and Dubai Electricity and Water Authority (DEWA), will support the National Hydrogen Strategy 2050 and UAE's hosting of COP28, which is

welcoming thousands of global climate champions.

The opening of the green hydrogen station marks a significant step forward in ENOC Group's cooperation with DEWA to utilise green hydrogen in mobility and contribute to the Dubai

Green Mobility Initiative 2030 as well as the development of the UAE's hydrogen economy. The UAE aims to achieve low-emission hydrogen production of 1.4 million tonnes annually by 2031, which is expected to increase to 15 million tonnes every year by 2050.







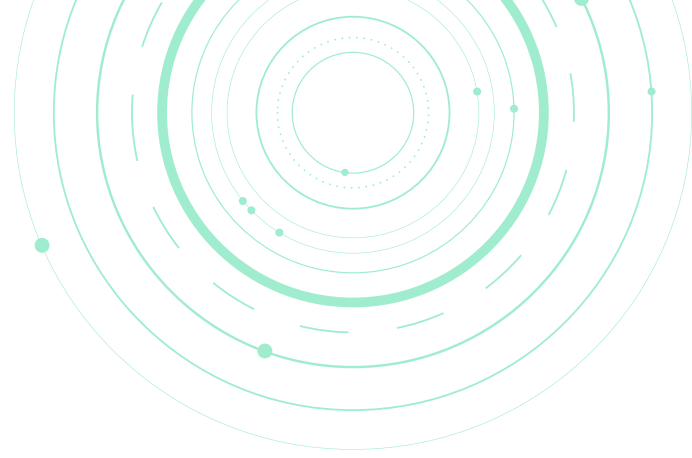
## The UAE consolidates its global position in enhancing the transformation towards clean and renewable energy

Celebrating the World Energy Day, which was adopted during the 2012 World Energy Forum in Dubai, holds special importance in the Year of Sustainability in the UAE, when the country hosted COP 28 at Expo City Dubai from 30 November to 12 December 2023.



**HH SHEIKH AHMED BIN SAEED AL MAKTOUM,  
Chairman of the Dubai Supreme Council of Energy:**

“The UAE has assumed a pioneering role on the global stage, leading the way in clean and renewable energy through dedicated strategies and substantial investments that bolster sustainable development while enhancing the efficiency of energy production and use.”



**HE SUHAIL AL MAZROUEI,  
Minister of Energy and Infrastructure**

“Clean energy is a key pillar of sustainability and stands at the forefront of the UAE’s strategic priorities, especially considering that the UAE is a global leader in leveraging innovative climate change mitigation and adaptation solutions.”



**HE SAEED MOHAMMED AL TAYER,  
Vice Chairman of the Dubai Supreme Council of Energy  
and MD & CEO of DEWA**

“We must galvanise global efforts to develop policies that support sustainable development and help in overcoming current and future challenges in the energy sector. We must also accelerate the transition to clean and renewable energy sources to protect the environment, reduce carbon emissions, and preserve our precious natural resources.”



**HE AHMED BUTI AL MUHAIRBI,  
Secretary General of the Dubai Supreme Council of  
Energy.**

“On World Energy Day, we celebrate Dubai’s accomplishments in clean energy and the technologies, solutions, and programmes that support the reduction of carbon emissions. These also pave the way for realising the Emirate’s goal to provide 100% of Dubai’s total power capacity from clean energy sources by 2050.”



**HE OTHMAN AL ALI,  
CEO of Emirates Electricity and Water  
Company**

“World Energy Day is a significant initiative for promoting the conservation of our precious natural resources and reducing carbon emissions to pave the way for a sustainable future.”



**ENGINEER YOUSIF AHMED AL ALI,  
CEO of Etihad Water and Electricity  
Company:**

“The UAE, under the wise leadership recognises that clean and renewable energy is a fundamental pillar for a nation’s development. It is an urgent necessity for its economy’s growth and its community’s sustainability.”



## DEWA's strong participation in GITEX Global includes visits, prizes, and cooperation agreements

DEWA had an eventful participation in the 43rd GITEX Global, held from 16 to 20 October 2023 at the Dubai World Trade Centre. DEWA's stand saw a large turnout from officials and visitors seeking to learn about DEWA's key innovative, proactive and safe digital services, programmes, and initiatives and those of its subsidiaries. Visitors also learned about the projects and solutions of Digital DEWA, the digital arm of DEWA, through which DEWA is disrupting the entire business of public utilities and contributing to building a new digital future for Dubai. The stand also hosted the signing ceremonies of several agreements to support collaboration between local and international organisations to accelerate digital transformation.

### Visits

HE Saeed Mohammed Al Tayer, MD & CEO of DEWA, toured several stands

of international technology companies participating in GITEX Global and met with officials from these companies. At GITEX Global, DEWA also received the 'Excellence in Innovation Award' from Software AG. This is in recognition of DEWA's initiatives in digital transformation and implementation of the best practices.

### Signing cooperation agreements

Digital DEWA signed an MoU with Professional Communication Corporation (Nedaa), the exclusive secure network provider for the Government of Dubai. As per the MoU, the two sides will co-develop bundled services like Internet of Things (IoT), fibre connectivity, cloud, data centre and cyber services. Moro Hub, a subsidiary of Digital DEWA, signed a significant partnership with Red Hat, which specialises in open-source enterprise software solutions, making Moro Hub the first major partner of

the programme in the region. Moro Hub was nominated for a partnership with Dell Technologies' ESG Programme. This is in recognition of Moro Hub's ESG offerings to customers and communities.

Moro Hub also received the Tier-III certification (the highest level), from Uptime Institute for its green data centre, the world's largest solar-powered data centre by the Guinness World Records, which is located at the Mohammed bin Rashid Al Maktoum Solar Park. Moro Hub further joined the VMware Sovereign Cloud initiative.

Moro Hub also signed an MoU with Digital Dubai Authority (DDA) to deliver state-of-the-art cyber security services to various government entities across the Emirate of Dubai. Moro Hub also signed an agreement with the Dubai Judicial Authority to develop their website.



network (LoRaWAN) communication devices for IoT and LoRaWAN stations network for IoT. InfraX also signed a partnership agreement with Careem to enhance the adoption of LoRaWAN stations network for IoT. InfraX further signed a cooperation agreement with Fortinet, the exclusive provider of secure communications networks accredited by the Government of Dubai, to provide software-defined wide area networks (SD-WAN) and elevate both parties' services and digital infrastructure.

Moreover, DigitalX signed a cooperation agreement with LG, to enable access to more international markets and enhance the sales of services, audio and visual solutions, and robotics. The company also signed an MoU with High Resolution to expand the scope of sales for events management and provide the latest innovative experiences in this field. DigitalX signed a MoC with BenQ in audio and visual solutions and the go-to-market (GTM) strategy for selling assets. DigitalX also signed a cooperation agreement with Samsung to increase the business growth of both parties in the local market by providing the latest smart devices, display devices, and advanced audio and visual solutions.

Moro Hub signed a partnership agreement with Commvault to support the implementation of joint digital solutions and services to develop corporate infrastructure. Moro Hub also signed a partnership agreement with BMC Software, Inc. to provide leading services from the Moro Cloud for IT operations and services management. Moro Hub signed a partnership agreement with GENESYS

to provide cloud-based experiences to customers and develop solutions for communications centres. It also signed an MoU with Dubai Healthcare City to implement its integrated security system platform; and an MoU with BMC Helix to provide digital services for its customers.

In addition, InfraX signed a Memorandum of Cooperation (MoC) with Zoho IoT in the fields of long-range wide area



## DEWA celebrates Flag Day with loyalty and pride



On Flag Day, DEWA has responded to the call of HH Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, by raising the UAE flag along with all ministries and organisations at the same time on 3 November to mark Flag Day. HE Saeed Mohammed Al Tayer, MD &

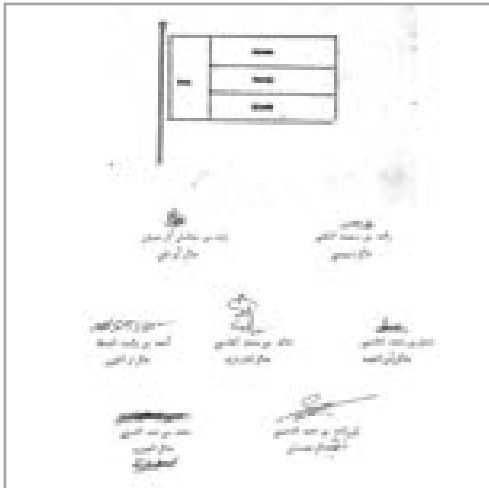
CEO of DEWA, raised the flag at DEWA's headquarters at 10 am, in a distinguished national atmosphere, reflecting the loftiest images of pride and loyalty to the wise leadership and unity under the Union Flag. The celebration was attended by DEWA's Executive Vice Presidents, Vice Presidents and employees.

DEWA's activities included dedicating a page on the internal portal, which includes national information and facts about the UAE flag. The Flag Day logo was also displayed on all screens across DEWA. The event included an area dedicated to food carts and various interactive activities.



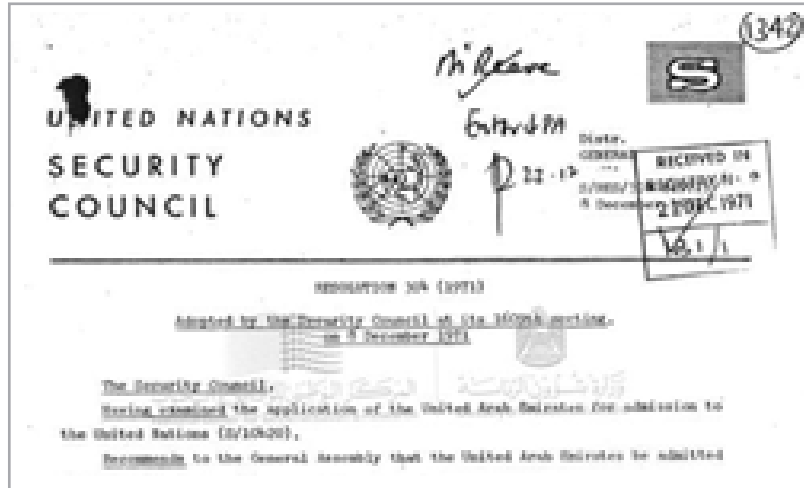
# NATIONAL OCCASIONS

## Significant milestone in the UAE's flag



**16 October 1971**

The story behind approving the shape and colours of the UAE flag dates to when the late Sheikh Zayed bin Sultan Al Nahyan, may his soul rest in peace, received the members of the committee which was responsible for considering the designs for the UAE flag, national anthem, and official emblem.



**6 December 1971**

UAE flag was hoisted at the headquarters of the Arab League, as the UAE joined the league on December 6, becoming its 18th member.



**2 December 1971**

The UAE flag was first raised on December 2, 1971, with the honour of being raised for the first time by our founding father, the late Sheikh Zayed bin Sultan Al Nahyan, may his soul rest in peace, at the "Dar Al Ittihad" in Dubai.

**9 December 1971**

The UAE flag was raised at the United Nations headquarters after the UAE became the 132nd member of the international organisation.





# Emiratis raise the UAE Flag on the highest summits

For over 20 years, Emiratis have proudly raised the UAE Flag on numerous global peaks and summits. The most remarkable event was when Emirati astronaut Sultan Al Neyadi raised the flag in space at the International Space Station (ISS) in September 2023.

Here, in the dedicated section for Flag Day in the magazine, we share with you some of the summits that the sons and daughters of the UAE have attained in the past few years:



## 2023 (UAE Flag – In space at the International Space Station (ISS))

Last September 2023, when HH Sheikh Mohamed bin Zayed Al Nahyan, President of the UAE; received the flag from Astronaut Sultan Al Neyadi during a homecoming reception, Al Neyadi said: “I am thrilled to share the exciting news that our national flag has made its way to space for the second time, but this time, it ventured beyond the confines of the space station”.



## 2022 (UAE Flag - Mount Kilimanjaro peak)

Ten Emirati women climbed Mount Kilimanjaro, the highest peak in Africa, located in north-eastern Tanzania, with a height of 5,895 metres above sea level. They hoisted the UAE flag on the peak, after a challenging six-day journey. The trip was organised by Majalis Abu Dhabi and aimed to spread positive values, such as teamwork, determination, and persistence.



## 2019 (UAE flag on 7 UAE Mountain Peaks)

The expedition team at the Police Physical Education Centre of the Abu Dhabi Police raised the UAE flag on seven mountain peaks to celebrate the UAE Flag Day 2019. These are Jais, Hafeet, Umm Al Nosour, Mebrah, Al Rabi, Shawka, and Masfut. The average peaks the team climbed and flagged range from 442 to 1,935 metres above sea level.



## 2022 (UAE flag on Mount Elbrus in Russia)

Abdullah Al Muhairbi, an Emirati engineer, created history after he raised the UAE flag atop the highest peak in Europe, which is the 5,642-metre Mount Elbrus in Russia.



## 2021 (UAE flag – on Mount Aragats in Armenia)

Emirati adventurer, Saeed Al Maamari, scaled the highest peak in Armenia, Mount Aragats in Aragatsotn Province, under the patronage of HH Sheikh Mohammed bin Hamad bin Mohammed Al Sharqi, Crown Prince of Fujairah, and with the support of the Youth Welfare Fund in the Government of Fujairah.



# NATIONAL OCCASIONS

## 2019 (UAE flag – Raised high in space during Hazza Al Mansoori's journey)

Hazza Al Mansoori, the first Emirati astronaut, carried the UAE flag into space on his historical mission as part of the National Space Programme, on 25 September 2019. The flag was hoisted at the ISS during the duration of Al Mansoori's mission. It served as a source of inspiration to confirm that the dream and ambition towards space became a reality. This represented the flag's historical journey from rising on the pole in front of the Union House to flying high in space, signifying the achievement of the UAE's dream and ambition.



## 2018 (UAE flag at the South Pole)

Emirati nationals Abdullah Mohammed BelObaida Al Suwaidi and Ahmed Ismail raised the UAE flag and the 'Year of Zayed' slogan in the South Pole, during an eight-day trip.



## 2018 (UAE flag - Mount Gran Paradiso, the highest mountain in the Alps in Italy)

Three students, Sheikh Faisal Al Qasimi, Sultan Al Kandari, and Pranjal Pachani, from Repton School Dubai, raised the UAE flag on top of Mount Gran Paradiso, which is the highest mountain in the Alps in Italy.



## 2016 (UAE flag - Denali Mountain in Alaska)

Sheikh Mohammed bin Abdullah Al Thani, Chairman of the Sharjah Department of Statistics and Community Development (DSCD) and renowned mountaineer and adventurer, successfully raised the UAE flag at the top of the world's seven summits. Achieving his incredible feat, Sheikh Mohammed Al Thani became one of just 350 mountaineers in the world who have conquered the Seven Summits, with his impressive success cemented when he reached the summit of Denali in Alaska, North America. In completing this final challenge, Sheikh Mohammed started his journey from the UAE in May 2016, reaching the summit of Denali - which is 6,190m above sea level - after 28 days, where he proudly raised the UAE flag.

Sheikh Mohammed Al Thani began his journey of climbing the world's tallest peaks on 27 October 2009 when he arrived with a group of his friends to the Everest base camp at an altitude of 5,364 meters. Adventurers from around

the world consider it a starting point to reach the highest peak in the world. From there, he took it upon himself to undertake the challenge of reaching the Seven Summits.

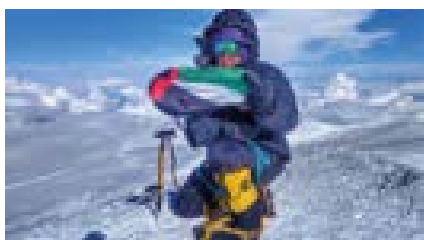
Sheikh Mohammed Al Thani successfully raised the UAE flag atop Mount Kilimanjaro, the highest peak in Africa, on 25 October 2010. He followed this first Seven Summits success with the scaling of Mount Vinson in Antarctica, reaching its peak on December 25, 2011. On August 28, 2012, Sheikh Mohammed reached the peak of Mount Elbrus in Europe, and on October 11, 2012, he summited Mount Kosciuszko, Australia. On January 5, 2013, he reached the summit of Mount Aconcagua, South America.

Sheikh Mohammed's penultimate success was the ascent of Mount Everest, the tallest mountain in the world, the summit of which he reached on May 22, 2013. Thus, he had reached six summits, and the last one remaining was Mount Denali, Alaska, North America, which he achieved in June 2016.



### 2015 (UAE flag - South Pole)

Five DEWA employees embarked on an expedition to one of the coldest and most isolated parts of the world, joining the 2041 Antarctica Expedition to highlight the effects of global warming, climate change, and the need to protect the South Pole.



### 2010 (UAE flag - Cho Oyo and Mera peaks of the Mount Himalaya)

Emirati Lt. Colonel Salah Salim Al Habsi placed, for the first time, the UAE flag on Cho Oyo (8,200 meters) and Mera (6,654 meters) peaks of the Mount Himalaya on Nepal side, to mark the UAE's National Day. The temperature on these peaks reaches -25 degrees Celsius.



### 2018 (UAE flag - Denali Mountain in Alaska, USA)

Hanadi Al Hashemi became the first Emirati woman to reach the summit of the Denali Mountain in Alaska, USA, which is the highest in North America. Before that, she raised the UAE flag and signed her name on the peaks of nine of the highest mountains in the world.

### 2015 (UAE flag - Mount Kilimanjaro in Tanzania, Mount Everest base camp, and Kala Patthar in Nepal)

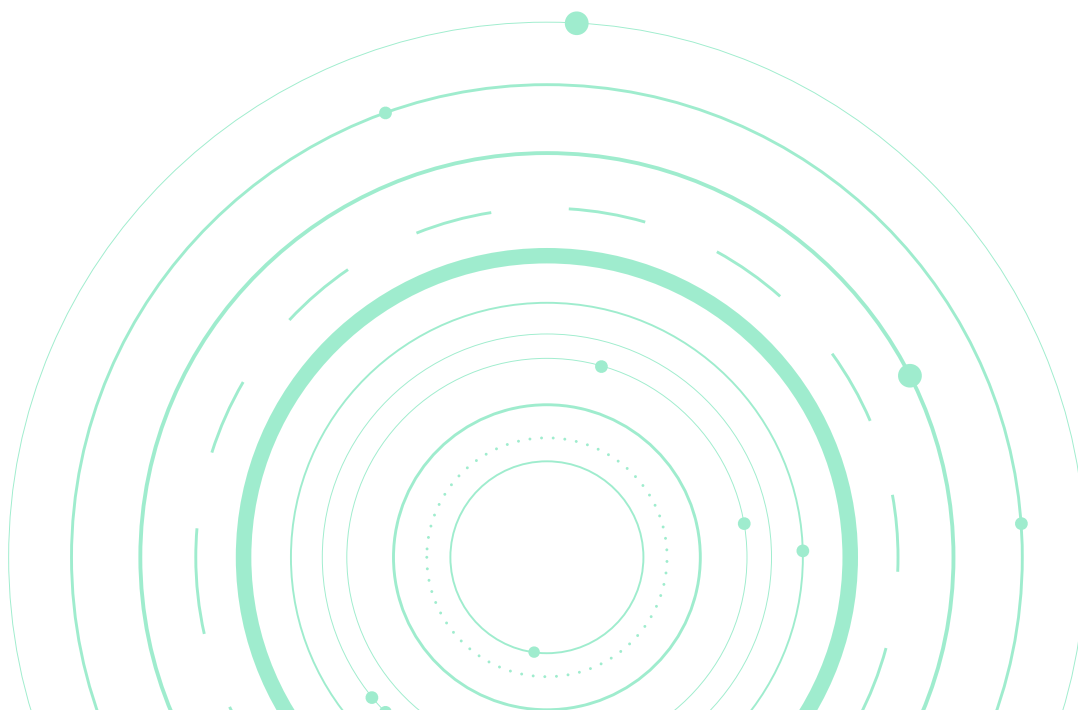
In less than three years, Hanadi successfully climbed over 10 mountains around the world and hoisted the UAE flag on their peaks. She started with Mount Kilimanjaro in Tanzania in February 2015, then Mount Everest base camp and Kala Patthar in Nepal in

November of the same year.

### 2016 (UAE flag - Ben Nevis and Snowdon in the UK, Elbrus in Russia, Gran Paradiso in Italy, and Aiguille du Midi in France)

### 2107 (UAE flag - Aconcagua in Argentina and Denali in Alaska, USA, which is the highest in North America at 6,190 meters)

In 2016, Hanadi reached the peaks of many mountains, including Ben Nevis and Snowdon in the UK in May, then Elbrus in Russia in July, then Gran Paradiso in Italy and Aiguille du Midi in France in September. In January 2017, Hanadi climbed Aconcagua. In June of the same year, she climbed Denali in Alaska, USA, which is the highest in North America at 6,190 meters.



# NATIONAL OCCASIONS

## DEWA's employees mark Commemoration Day by respecting the sacrifices made by UAE martyrs



DEWA employees, led by HE Saeed Mohammed Al Tayer, MD&CEO of DEWA, DEWA's Executive Vice Presidents and Vice Presidents, observed a minute of silence at 11:30 am. They stood in respect to the sacrifices by the martyrs who embody the noblest forms of dignity and good citizenship. They prayed to Allah Almighty for the UAE martyrs to dwell in heaven, and for the

bereaved families to be given patience and solace, and for the protection of the UAE and the wise leadership and to maintain the UAE's security and safety.

While the National Anthem was played, HE Saeed Mohammed Al Tayer, MD & CEO of DEWA, raised the UAE flag at DEWA's head office. He was accompanied by DEWA's Executive Vice Presidents.

DEWA employees emphasised that the martyrs embody honourable examples of patriotic heroism, and have provided inspiring lessons in generosity and love for the homeland. The employees emphasised that they stand behind the wise leadership and are always ready to contribute to the prosperity and stability of the UAE and protect its homeland.

# DEWA celebrates 52<sup>nd</sup> Union Day in a distinguished patriotic atmosphere

The celebrations highlighted the UAE's sustainable cultural legacy



In a distinguished patriotic atmosphere filled with the spirit of love and belonging to the homeland, DEWA celebrated the 52nd Union Day, in the presence of HE Saeed Mohammed Al Tayer, MD & CEO of DEWA.

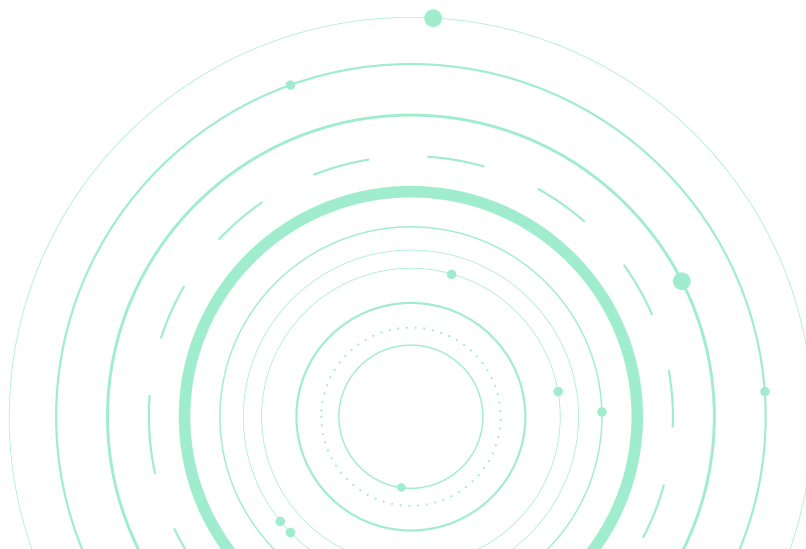
Executive Vice Presidents and Vice Presidents, as well as a large number of employees took part in the celebrations. DEWA marked the National occasion by organising several activities that highlighted the UAE's history and the culture and heritage of the Emirati society, as well as the UAE's path of sustainability and its sustainable cultural legacy.

Al Tayer extended his warmest congratulations to His Highness Sheikh Mohamed bin Zayed Al Nahyan, President of the UAE; His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai; Their Highnesses the Members of the Supreme Council and Rulers of the Emirates; Their Highnesses the Crown Princes and Deputy Rulers; and the citizens and residents of the UAE.

## Distinguished activities

DEWA's National Day celebrations featured several traditional activities in

its head office. These included a poetry session by Emirati poets Mosbeh Ali Al Kaabi, Hamda Al Mur Al Muhairi, and Saeed bin Tumaishan Al Kaabi. Al Harbiya Band gave a memorable performance at the head office, which was decorated with the UAE flag's colours, with many heritage and traditional activities. DEWA also organised various activities at its centres in Jebel Ali, Al Hudaiba, the Sustainable Building in Al Quoz, Warsan, Al Ruwayyah, and the Innovation Centre at the Mohammed bin Rashid Al Maktoum Solar Park. Additionally, DEWA established a comprehensive website featuring various topics related to the 52nd Union Day.



## 52 Landmarks of the UAE: A Journey Through Time



📺 The UAE has undoubtedly earned an honourable spot in the history books, building throughout its journey an outstanding nation with a bright culture based on knowledge, advancement, innovation, and excellence. The UAE is home to many historical and cultural landmarks that stand as proof of its unique journey and hold the promise of bright future where the UAE is leading the world in various aspects. As we celebrate the 52nd National Day, we highlight 52 historical and cultural landmarks from the 7 Emirates of the UAE:

### ABU DHABI

1. **Sheikh Zayed Grand Mosque:** A stunning architectural masterpiece.
2. **Qasr Al Hosn:** The oldest stone building in Abu Dhabi.
3. **Al Jahili Fort:** A key piece of Al Ain's history.
4. **Al Ain Oasis:** A UNESCO World Heritage Site.
5. **Louvre Abu Dhabi:** A modern museum with historical exhibits.





6. **Al Maqtaa Fort:** Guarding the entrance to Abu Dhabi Island.
7. **Heritage Village:** A reconstruction of a traditional oasis village.
8. **Zayed National Museum:** The life and achievements of Sheikh Zayed bin Sultan Al Nahyan, and the United Arab Emirates' journey from the ancient past to the present day.
9. **Al Ain Palace Museum:** Significant for its association with the life and story of Sheikh Zayed bin Sultan Al Nahyan.
10. **Bateen Shipyard:** located in one of the oldest inhabited areas on the west side of Abu Dhabi.



## DUBAI

11. **Burj Khalifa:** The world's tallest building.
12. **Al Fahidi Historical Neighbourhood:** provides an opportunity to experience the traditional lifestyle in Dubai from the mid-19th century to the 70s of the 20th century.
13. **Dubai Museum:** the oldest existing building in the city, housed in the Al Fahidi Fort.
14. **Jumeirah Mosque:** A fine example of Islamic architecture.
15. **Museum of the Future:** The building is an architectural and engineering marvel. It confidently straddles the past and the future, applying advanced technology to traditional artforms.
16. **Etihad Museum:** dedicated to preserving the heritage of the UAE.
17. **Saruq Al Hadid Museum:** Showcasing ancient artifacts.



18. **The Dubai Frame:** An architectural landmark.
19. **Bastakiya Quarter:** Traditional homes.
20. **Hatta Heritage Village:** A mountainous cultural site.
21. **Al Shindagha Museum:** showcases Dubai's rich history.

# NATIONAL OCCASIONS

## SHARJAH

- 22. Sharjah Fort (Al Hisn):** was built for defensive purposes, mainly to protect the city and residents.
- 23. Sharjah Museum of Islamic Civilization:** the first of its kind in the UAE.
- 24. Al Noor Mosque:** a tribute to Islamic culture and architecture.
- 25. Heart of Sharjah:** A UNESCO World Heritage Site.
- 26. King Faisal Mosque:** One of Sharjah's largest mosques.
- 27. Sharjah Heritage Museum:** showcases the distinctive traits of the Emirati people, their warm hospitality and lifestyle events.
- 28. Al Mahatta Museum:** The first airport in the UAE.
- 29. Sharjah Archaeology Museum:** Ancient history of Sharjah.
- 30. Sharjah Art Museum:** Home to contemporary Arab art.
- 31. Central Souq:** expansive aisles with one-of-a-kind local artifacts, handmade clothes and exotic jewellery.



## AJMAN

- 32. Ajman Museum:** Housed in an 18th-century fort.
- 33. Ajman Dhow Building Yard:** Traditional boat building.
- 34. Al Murabba Watchtower:** served as the guardian of Ajman for over 80 years.
- 35. Masfout Castle:** A historical site in the mountains.
- 36. Ajman Corniche:** A scenic waterfront.

## UMM AL QUWAIN

- 37. Umm Al Quwain Fort (Al Ali Fort)** : national museum showcasing the ancient heritage and culture of the Emirate of Umm Al Quwain. Visitors can know about and learn the history of the emirate and the ruling family.
- 38. Al-Dour Archaeological Site:** A UNESCO World Heritage Site.
- 39. Dreamland Aqua Park:** A modern landmark with historical themes.
- 40. Falaj Al Mualla Fort:** A key historical site.
- 41. Old Harbor:** Traditional fishing hub.



## RAS AL KHAIMAH

- 42. Dhayah Fort:** A UNESCO World Heritage Site.
- 43. Jazirah Al Hamra:** the only remaining historical pearling village in the entire Gulf region.
- 44. National Museum of Ras Al Khaimah:** houses an impressive collection of archaeological and ethnological artefacts.
- 45. Shimal Archaeological Site:** A UNESCO World Heritage Site.
- 46. Al Jazirah Aviation Club:** The first light sport aviation club in the UAE.



## FUJAIRAH

- 47. Fujairah Fort:** one of the oldest fort in the UAE.
- 48. Al Bidya Mosque:** The oldest mosque in the UAE.
- 49. Madhab Spring Park:** A cultural and leisure area.
- 50. Al Hayl Fort:** Historical landmark.
- 51. Bithnah Fort:** biggest fort in Fujairah.
- 52. Masafi Market:** Known for its local crafts and produce.

## Wahat Al Karama



Wahat Al Karama stands as a symbol of pride and remembrance in the UAE, a place where the sacrifices of the nation's heroes are forever etched in the memory of its people. It is not just a monument but a testament to the courage and dedication of those who have served the UAE.

is inspired by Emirati landscape, which features green oases with streams running through them. Put together with the word "Karama" (i.e. dignity), the name symbolises the heroes' endless dignity.

Wahat Al Karama is a 46,000 square metre site. It includes various internal and external areas across the site. Its monuments include the Visitor Center, The Pavilion of Honor, The Memorial, The Memorial Plaza and other facilities.

In line with the late Sheikh Khalifa Bin Zayed Al Nahyan, recognition of the UAE's heroes' sacrifices in the service of their country, and his directives to commemorate them, and the directives of H.H. Sheikh Mohamed Bin Zayed Al Nahyan, Wahat Al Karama, was officially inaugurated on 30th Nov 2016, to become a timeless tribute to commemorate and honor the UAE's heroes.

The name, "Wahat Al Karama", was approved by H.H. Sheikh Mohammed Bin Zayed Al Nahyan. It symbolizes a bridge between the past and the present. The word "Wahat" (i.e. oasis)



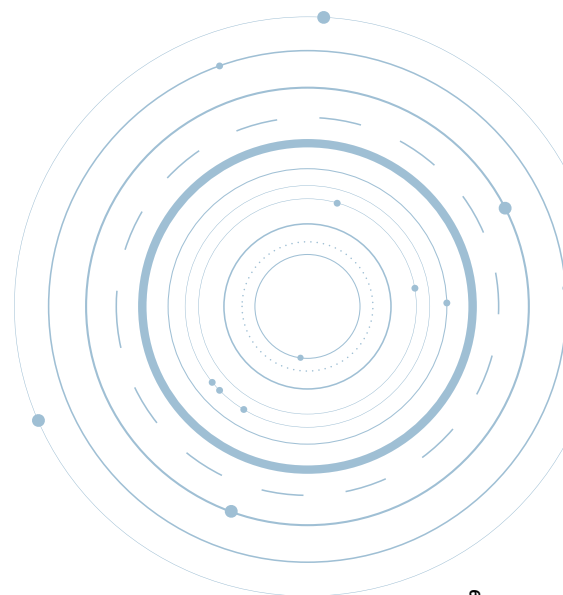


## DEWA showcases its space programme and nanosatellites at Dubai Airshow 2023

DEWA showcased its Space-D programme and nanosatellites DEWA SAT-1 and DEWA SAT-2 at the 18th Dubai Airshow. DEWA highlighted its success in utilising space technology to promote sustainability and to streamline the management of power and water networks. The Space-D programme is a key pillar of DEWA's ambitious plan to enhance its position as a leading player in the domestic and global utilities sector. The Dubai Airshow was held under the patronage of HH Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, at the Al Maktoum International Airport from 13 to 17 November 2023.

DEWA participated as part of the UAE

Space Agency's pavilion at the show. DEWA highlighted its efforts to empower Emirati calibre to continue developing the space sector. The Emirati-led design, development and in-orbit control of DEWA SAT-1 and DEWA SAT-2 at DEWA's Research and Development (R&D) Centre stands as a testament to DEWA's enduring commitment to nurture homegrown talent. During the event, DEWA showcased the advanced cloud platforms that support the missions of the two nanosatellites, as well as DEWA's Space-D Ground Station located at the R&D Centre, which is capable of tracking and communicating using S-band and X-band frequencies with the satellites in low Earth orbit at an altitude of 400-700 kilometres.





## The first MENA Solar Conference honours the most prominent participating speakers and researchers

HE Saeed Mohammed Al Tayar, MD & CEO of DEWA, honoured distinguished international speakers, experts, and researchers who participated in the first edition of the Middle East and North Africa (MENA) Solar Conference. HE also honoured 12 international researchers who presented the best research papers and innovations that focus on advancing diverse solar photovoltaic systems and devices for optimal performance, improve their efficiency and reliability in various climatic conditions and successfully transitioning them from laboratories to the commercial scale.

Al Tayar commended the outstanding efforts of the participants, emphasising

their crucial role in sharing knowledge and experiences, to develop the solar energy sector. He underscored their commitment to fostering innovation, research, and development to facilitate the shift towards a more sustainable future.

“The conference served as a global platform to discuss and explore technologies and solutions aimed at addressing the challenges posed by climate change and pollution worldwide, with a particular focus on the MENA region. The event also highlighted technologies capable of mitigating these challenges and accelerating the improvement of photovoltaic solar

energy systems. We are pleased with the significant turnout of researchers, speakers, specialists, and students, along with the constructive and inspiring discussions that unfolded during the conference,” HE added.

Dr Lawrence L. Kazmerski, member of the National Renewable Energy Laboratory, University of Colorado Boulder, USA; Prof. Mohammad Nazeeruddin, Professor and Molecular Engineering Laboratory Director, Federal Institute of Technology Lausanne, Switzerland; Dr Shanhui Fan, Professor and Senior Fellow, Stanford University, USA; Mowafak Al Jassim, Chief Scientist and Director of the Photovoltaic Technology



Group at the National Renewable Energy Laboratory, USA; Dr Steven Ringel, Professor and Associate Vice President, Ohio State University, USA; and Dr Xiaojing Hao, Professor and ARC Future Fellow, University of New South Wales (UNSW), Australia,, participated in the event along with many experts from around the world.

The conference also honoured the young participants in the “CleanTech” Youth program, affiliated with the Innovation Center of Dubai Electricity and Water Authority. The initiative was introduced to attract emerging talents and future leaders in the energy sector, offering them insights and avenues to thrive in the field of clean and renewable energy. It includes a varied array of training workshops, inventive educational sessions, and on-site visits. The workshops focus on various aspects of clean energy, highlighting the use of substitutional technologies and deepening knowledge of participants about entrepreneurship.

The MENA Solar Conference was organised by DEWA, in collaboration with the IEEE Electron Devices Society, from November 15 to 18 at the Dubai World Trade Centre. This inaugural event in the region brought together esteemed experts and researchers representing 120 universities and research centers across 38 countries. The conference delved into discussions on over 200 research papers spanning various aspects of solar energy.

The conference highlighted six research areas in solar energy - including new and non-traditional concepts for future technologies, silicon cells, the use of

perovskite and organic materials, the reliability of solar energy systems in the Middle East and North Africa region, monitoring and forecasting

solar radiation for the development and testing of solar technologies, and electronic devices for solar energy systems and grid integration.





## DEWA receives ISO 37301:2021 certification in Compliance Management

DEWA has received the ISO 37301:2021 certification in Compliance Management and is considered one of the first international and local entities to obtain this certificate. This recognises the implementation of all applicable laws, legislation, and requirements in all its business.

HE Saeed Mohammed Al Tayar, MD & CEO of DEWA, was awarded the

certificate by the Bureau Veritas team, at DEWA headquarters, in the presence of Waleed Bin Salman, Executive Vice President of Business Development and Excellence at DEWA, and Ali Almuwajei, Vice President of Governance & Compliance at DEWA.

In 2022, DEWA won three Global Good Governance (3G) Awards. These awards are presented annually by Cambridge

IFA in the UK and major international companies compete for these awards. DEWA won the awards in 'Leadership in Good Governance,' 'Excellence in Compliance and Conformance Activities,' and 'Commitment and Promotion of Good Governance Activities' after a comprehensive auditing process conducted by the Cambridge IFA to ensure DEWA's compliance with the highest international standards.

## DEWA's Mohammed bin Rashid Al Maktoum Solar Park achieves two new records

DEWA has achieved two new records in the Mohammed bin Rashid Al Maktoum Solar Park; for 'The Tallest Concentrated Solar Power Tower' at 263.126 metres, and 'the largest thermal energy storage plant' at 5,907 megawatt hours using Concentrated Solar Power (CSP) based on parabolic basin complex with Molten Salt technology. The records were achieved in the 950MW 4th phase of the solar park using CSP and photovoltaic solar panel technologies. The new achievements add to DEWA's global accomplishments and leadership in the clean and renewable energy sector.

HE Saeed Mohammed Al Tayar, MD & CEO of DEWA, received the two certificates from Guinness World Records representatives during COP28, which the UAE hosted at Expo City Dubai.



## DEWA receives 'Excellence through Innovation' award from Software AG



▶ Dubai Electricity and Water DEWA received the 'Excellence through Innovation' award from global technology company Software AG for its digital transformation initiatives and best practices. The recognition underscores DEWA's commitment to innovation and customer happiness.

The award was presented to Marwan Bin Haidar, Executive Vice President of Innovation and The Future at DEWA, by Rami Kichli, Senior Vice-President of Middle East & Turkey at Software AG. Officials from both organisations were present.

DEWA is a pioneering model for digital transformation in government organisations by implementing advanced digital solutions, processes, and services that harness the latest technologies to elevate customer service and operational efficiency.

## DEWA receives ISO 37001 in Anti-Bribery Management System



▶ DEWA has received the ISO 37001:2016 in Anti-Bribery Management System. This accomplishment is a testament to the organisation's unwavering commitment to transparency and the highest ethical standards across all its operations.

HE Saeed Mohammed Al Tayar, MD & CEO of DEWA, received the certificate from Bureau Veritas team, a global leader in certification services at DEWA headquarters. Waleed Bin Salman, Executive Vice President of Business Development and Excellence at DEWA, Ali Mohammed Almuwaijei, Vice President Governance and Compliance at DEWA; and the Governance and Compliance team members at DEWA were present.

## DEWA and ACWA Power Sign Water Purchase Agreement and Shareholder Agreement for Phase 1 of the World's Largest Solar Energy-Powered Desalination Plant

The Hassyan IWP in Dubai will have a production capacity of 180 million gallons per day of desalinated water



DEWA signed a 30-year Water Purchase Agreement (WPA) and a Shareholder Agreement with Saudi Arabia's ACWA Power for phase 1 of the Hassyan Sea Water Reverse Osmosis (SWRO) desalination project using solar power, based on the Independent Water Producer (IWP) model. The project is part of DEWA's efforts to increase its water desalination capacity to 730 MIGD by 2030, from 490 MIGD at present. The project aligns with Dubai's unparalleled economic growth and the Emirate's thriving construction sector. This complements the Dubai 2040 Urban Master Plan, addresses the substantial population growth, and meets the steadily increasing demand for water in domestic, commercial, and other consumer sectors.

The agreement was signed by HE Saeed Mohammed Al Tayer, MD & CEO of DEWA; and Mr. Mohammad Abunayyan, Founder and Chairman of ACWA Power. Officials from both entities were present.

Last August, DEWA announced ACWA Power as the 'Preferred Bidder' for the construction and operation of the 180 Million Imperial Gallon per Day (MIGD) Sea Water Reverse Osmosis Hassyan

Phase 1 Independent Water Producer (IWP) project, with an investment of AED 3.357 billion (USD 914 million). The allocated land area for the project is 252,300 square metres. DEWA achieved a world record by receiving the lowest bid of 0.36536 USD/m<sup>3</sup> of desalinated water. This project is the largest of its kind in the world for

water production based on Sea Water Reverse Osmosis (SWRO) technology using solar energy. It is DEWA's first Independent Water Producer (IWP) model project. The water desalination capacity in Dubai is currently 490 MIGD. This capacity will increase to 670 MIGD in 2027 with the completion of this project.



## Moro Hub and Digital Dubai Authority join forces to strengthen cybersecurity infrastructure in Dubai



▶ Moro Hub, a subsidiary of Digital DEWA, the digital arm of DEWA, signed a Memorandum of Understanding (MoU) with Digital Dubai Authority (DDA) to deliver state-of-the-art cyber security services to various government entities across the Emirate of Dubai.

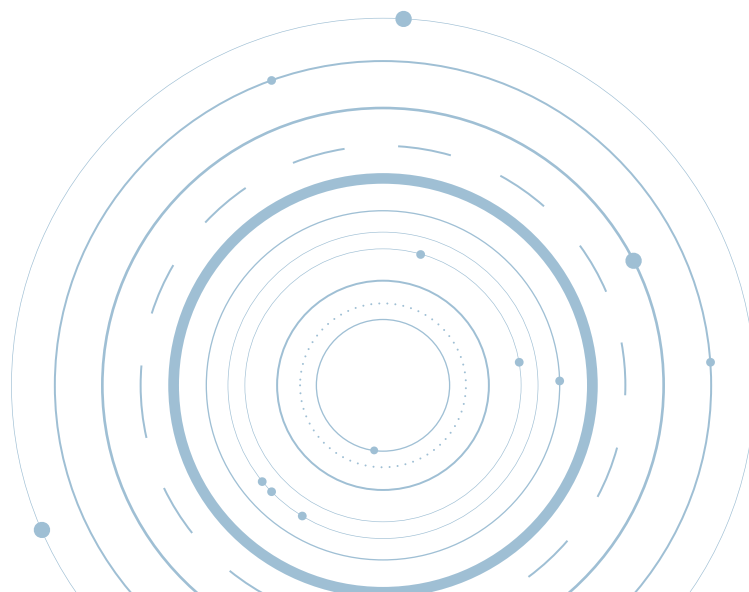
The MoU was signed in the presence of HE Saeed Mohammed Al Tayer, MD & CEO of DEWA; HE Lieutenant General Talal Humaid Belhoul, Director General of Dubai's State Security Department;

HE Hamad Obaid Al Mansoori, Director General of Digital Dubai Authority; HE Yousuf Al Shaibani, CEO of the Dubai Electronic Security Centre; and Marwan Bin Haidar, Vice Chairman & Group CEO of Digital DEWA.

The MoU was signed by Mohammed Bin Sulaiman, CEO of Moro Hub and Amer Sharaf, CEO of Cyber Security Systems and Services Sector at the Dubai Electronic Security Center, during GITEX Global 2023, which was organised from

16 to 20 October 2023 at the Dubai World Trade Centre.

As part of this agreement, Moro Hub will extend its comprehensive suite of managed cyber security services to safeguard the information assets and systems of Dubai's government entities. This collaboration marks a significant milestone in the pursuit of a secure and resilient cyberspace in accordance with the Dubai Cyber Security Strategy of 2023.



## DEWA and UAE Space Agency cooperate to enhance the sustainability and Emiratisation of the UAE's space industry

DEWA signed a Memorandum of Understanding (MoU) with the UAE Space Agency to enhance both parties' positive role in developing the space sector. This is done through supporting research and development and contributing to regulations in the space field. The MoU will also support the agency's Space Data Centre (SDC) by collaborating with Moro Hub, a subsidiary of Digital DEWA, the digital arm of DEWA.

The MoU was signed by HE Saeed Mohammed Al Tayer, MD & CEO of DEWA and HE Sarah Al Amiri, Minister of State for Public Education and Advanced Technology and Chairperson of UAE Space Agency.



## Digital DEWA and Nedaa collaborate to enhance IoT and communications in the region



In the presence of HE Saeed Mohammed Al Tayer, MD & CEO of DEWA; HE Lieutenant General Talal Humaid Belhoul, Director General of Dubai's State Security Department; and HE Hamad Obaid Al Mansoori, Director General of Digital Dubai Authority, Digital DEWA, the digital

arm of DEWA, signed a Memorandum of Understanding (MoU) with Professional Communication Corporation (Nedaa), the exclusive secure network provider for the Government of Dubai. As per the MoU, the two sides will co-develop bundled services like Internet of Things (IoT),

fibre connectivity, cloud, data centre and cyber services.

The MoU was signed by HE Mansour Bu Asibah, CEO of Nedaa, and Marwan Bin Haidar, Vice Chairman & Group CEO of Digital DEWA, during GITEX Global 2023, which is held from 16 to 20 October 2023 at the Dubai World Trade Centre. The MoU marks the beginning of an innovative partnership aimed at leveraging the unique capabilities of both organisations.

The collaboration between Digital DEWA and Nedaa is poised to bring about ground-breaking advancements in IoT connectivity and critical communications, solidifying their positions as industry leaders. By combining their strengths, the two organisations aim to drive innovation and deliver solutions that will shape the future of technology and secure communications in the region.



## Moro Hub and Thales Join Forces to Spearhead Innovation in Physical and Cyber Security Services



*The agreement aims to ensure uncompromised data protection and cyber security for enterprises in the UAE.*

▶ Moro Hub, a subsidiary of Digital DEWA, the digital arm of Dubai Electricity and Water Authority (PJSC), signed on the sidelines of Dubai Air Show 2023 an agreement with Thales, a global leader in advanced technologies within the domains of Security and Digital Identity, to redefine the landscape for

physical and cyber security services in the UAE.

The partnership was signed in the presence of HE Saeed Mohammed Al Tayer, MD and CEO of DEWA, and Patrice Caine, Chairman & CEO of Thales by Marwan Bin Haidar, Vice Chairman & Group CEO of Digital DEWA and Elias

Merrawe, Vice-President, Civil Business of Thales in the Middle East.

The partnership is expected to bring forth a wide range of cutting-edge solutions designed to strengthen the digital infrastructures in the region to ensure uncompromised data protection and security.



## Dubai Municipality and DEWA sign agreement on a project to generate electricity from landfill biogas

► Coinciding with the UAE hosting the United Nations Framework Convention on Climate Change (COP28), the largest climate event in the world, Dubai Municipality and DEWA signed an agreement to cooperate in a

project to generate electricity from biogases extracted from the landfill in Muhaisnah 5. This supports Dubai's leading sustainability practices and supports the realisation of the UAE Net Zero Strategy 2050.

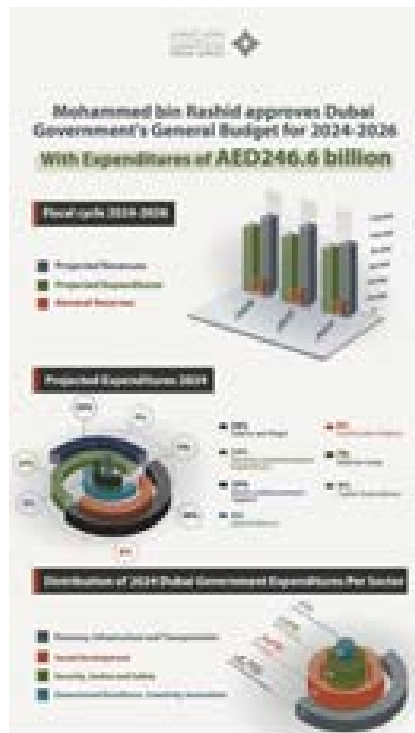
The agreement was signed by HE Saeed Mohammed Al Tayer, MD & CEO of DEWA and HE Eng. Dawood Al Hajri, Director General of Dubai Municipality, at the Dubai Municipality stand in the Green Zone at COP28, held at Expo City Dubai.

# THE TRENDS



The UAE's 2023 parliamentary elections witnessed active participation of voters from all segments of society, who were keen to partake in the elections and cast their votes in this national duty.

The number of voters in the current electoral cycle reached 175,487 voters, compared to 117,592 voters in the 4th electoral cycle in 2019. The participation rate in the current electoral cycle reached 44% of the total number of electoral bodies compared to 34.81% in the last electoral cycle in 2019.



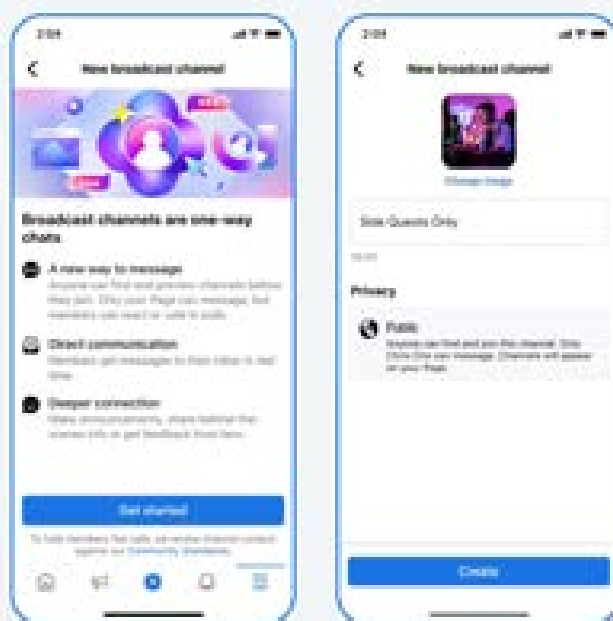
His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, approved the Government of Dubai's general budget for the fiscal cycle of 2024-2026, with total expenditures of AED 246.6 billion.

## Projected revenues and expenditures in 2024:

- Dubai government expects to achieve estimated public revenues of AED 90.6 billion, of which AED 85.1 billion have been allocated to the budget, and AED 5.5 billion to the general reserve.
- The total government expenditures in the budget amount to AED 79.1 billion, 26% of which constitute salaries and wages; 23% constitute grants and government support; and 24% have been allocated to general and administrative expenditures.

## Sectoral distribution of expenditures in 2024:

- 34% goes to the social development sector in the areas of health, education, scientific research, housing, and others.
- 19% goes to the security, justice, and safety sector.
- 42% goes to infrastructure, including roads, tunnels, bridges, transportation, sewage stations, parks, renewable energy sources and waste treatment facilities.



Meta introduced broadcast channels to Facebook and Messenger. Broadcast channels are a public, one-to-many messaging tool for Pages on Facebook and are the latest addition to Facebook's robust set of tools that Page administrators such as creators and public figures can use to directly reach and further engage with their communities.

Broadcast channels also give a place for followers to feel even more connected and dive deeper into the things that matter most to them. Administrators can use broadcast channel features like polls to get instant feedback from their community, send behind the scenes photos or videos, and use voice notes for more authentic expression.



HE Saeed Mohammed Al Tayer meets officials from global companies participating in CITEX Global



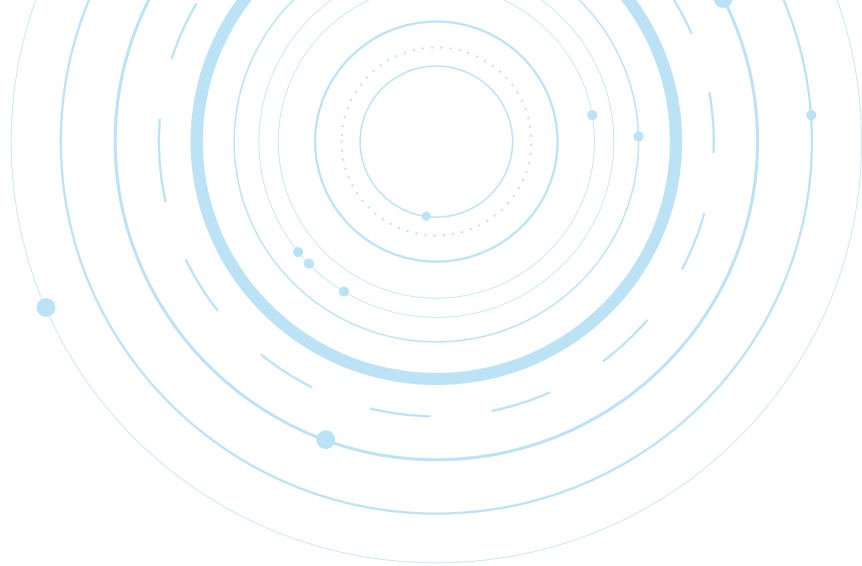
And discusses strategic cooperation in clean and renewable energy with Indonesia's Ambassador to the UAE



And discusses cooperation and exchanging experiences in clean and renewable energy with a high-level German delegation



DEWA and Dell Technologies discuss advancing sustainable development and digital transformation



## MOHAMMED TAHAINEH

General Manager of Projects at DAMAC

First, we would like to welcome you and wish you continued success.

### 1. Can you tell us about DAMAC Properties' diverse portfolio inside and outside the UAE?

DAMAC Properties and DAMAC International have been at the forefront of the Middle East's luxury real estate market for two decades, delivering award-winning residential, commercial, and leisure properties.

Since its launch in 2002, the company has delivered over 75 towers, with nearly 20 under different planning and development stages. To date, DAMAC Properties has delivered over 46,700 homes and has 33,000 homes in development with projects in 15 cities around the world, including Dubai, Jeddah, Riyadh, Beirut, Amman, Doha, Baghdad, the Maldives, Toronto, Miami, and London.

In our portfolio are three master communities, the first being DAMAC Hills, a 42-million-square-foot luxury master development consisting of luxury villas and low-rise properties

surrounding a golf club. Our second community, DAMAC Hills 2, covers 55 million square feet and offers residents a rich list of amenities and facilities to suit today's discerning city dweller.

In November 2021, the third master community was launched in Dubai, DAMAC Lagoons. The community, currently under development, will offer 11 Mediterranean-themed clusters with aesthetically designed villas and townhouses built around water features.

DAMAC International has projects, including DAMAC Towers Nine Elms in central London, branded with the Italian fashion house VERSACE. Further afield, DAMAC is also developing in Toronto in a partnership with Canadian developer Marlin Spring and has recently launched a sea-facing project in the upscale neighborhood of Surfside in Miami, Florida, to be designed by Zaha Hadid Architects.

DAMAC Properties founded its own

hotel management company – DAMAC Hospitality- to manage all its developed hotel units. Today DAMAC Hospitality oversees nine hotel properties under the brands Radisson, Paramount, Rotana, DAMAC Maison, as well as Mandarin International, which will run and operate a luxurious hotel resort that the company is currently building in the Maldives.

### 2. How does DAMAC Properties envision the future of sustainable real estate development, and what strategies are the company employing to stay at the forefront of these advancements?

DAMAC Properties is committed to protecting the environment we build upon, and safekeeping our legacy for future generations. To achieve this objective, we are working towards integrating sustainability and introducing sustainable measures into our business operations and subsequently across our project portfolio.





**3. DAMAC Properties participated as the diamond sponsor at the 25th Water, Energy, Technology, and Environment Exhibition (WETEX) and Dubai Solar Show (DSS). How does this align with the company's commitment to sustainability and innovation?**

WETEX plays an indispensable role in climate change and sustainability. By partnering with this exhibition, we showed our commitment to sustainability and support the UAE government in shaping a greener future.

**4. As a platform for innovation and collaboration in the fields of water, energy, technology, and the environment, how did DAMAC Properties leverage WETEX and DSS to forge valuable partnerships and contribute to groundbreaking initiatives?**

Platforms like WETEX and COP28 serve as a hub for stakeholders to explore innovative technologies and forge partnerships that drive sustainable development. We believe that as a leading business and a responsible member of the community, it is our duty to adhere to standards and guidelines that are advocated to build a safer and more secure future for our coming generations.

We believe that the wealth of knowledge shared in a prestigious forum such as WETEX allowed us to take home valuable insights that we can implement and execute through our own projects to meet our sustainability goals.

**5. What specific contributions and innovations did DAMAC Properties showcase in its inaugural presence at the exhibition?**

We took this opportunity to showcase the DAMAC Lagoons project at WETEX. DAMAC Lagoons is a new masterplan community in Dubai inspired by the Mediterranean, consisting of elegant villas and townhouses surrounded by azure blue lagoons, white sandy beaches, tropical island vibes and other experiences across 45 million square feet.

In addition, we shared some of our recent successes that included plans to install electric vehicle chargers across current and upcoming projects such as DAMAC Hills and DAMAC Hills 2 in collaboration with DEWA; use of LED solar lighting for streets, as well as water recycling system that uses water processed at a STP (sewage treatment plant) for irrigating the community's landscapes at DAMAC Hills 2; amongst other technologies such as energy recovery ventilation, solar water heaters and use of PV solar systems in our latest projects.

We also displayed the iconic DAMAC Safa One twin-tower development. Our Safa One twin-tower development showcases several green technologies within its design.

**6. Could you shed light on some of the green building practices and sustainability features that DAMAC Properties will be highlighting at the exhibition? How are these features integrated into existing and under-development projects like DAMAC Lagoons and the Maldives?**

At DAMAC, under its Facilities Management arm, LOAMS, we have launched a Sustainability Programme focused on the Operations and Maintenance stages of project development. Through the programme, we aim to enhance all developments in our portfolio to follow international guidelines, policies and procedures derived from multiple sustainability and environmental Organisations/entities.

In particular, the programme targets energy, utility & equipment aspects in the operations and maintenance stages of construction. This includes following best practices in the MEP (Mechanical, Electrical, Plumbing), and HVAC (Heating, Ventilation and Air Conditioning) utilities as well.



## Following are the “green” technologies and initiatives being integrated into DAMAC projects:

1. All villas are provided with solar heating systems for supply of hot water thus saving lot of energy
2. Larger villas in Damac Lagoons have PV solar panels which generate electricity for villa occupants use.
3. Villa communities like Damac Lagoons, Damac Hills and Damac Hills 2 will have electric car charging stations
4. Villa communities have vast areas of greenery reducing hard surface areas and thereby decreasing heat absorption.
5. Villa communities will have waste management systems
6. Buildings have energy efficient cooling systems.
7. Energy efficient Water and Lighting Fixtures

8. Several towers have greener roofs & podiums have landscaped spaces thus reducing heat island effect

9. High Performance Glazing

10. All applicable building materials are procured considering sustainability measures such as environmental impact, raw materials, local sourced materials, recycled materials etc

At the luxury resort that is coming up in the Maldives, we have implemented responsible design specification strategies in collaboration with Mandarin Oriental. Other implementations include solar panels, rainwater and greywater collection for irrigation, on site drinking water filtration, passives design solutions, waste composting, waste segregation and others.

**7. DAMAC joins other major real estate development companies in a shared vision of creating net-zero smart housing communities. How does this align with DAMAC's ethos, and what steps is the company taking to ensure the well-being, quality of**

**life, and happiness of its residents through these initiatives?**

Sustainability and sustainable practices have become an increasingly important aspect in the construction industry. More and more companies are realising the importance of engaging in and implementing sustainable building practices and are setting up building processes and frameworks as a way to champion “green” designs.

**8. Can you provide examples of specific initiatives or practices that demonstrate DAMAC Properties' commitment to the three pillars of sustainability - social, environmental, and economic, to implement and encourage a green and eco-friendly built environment?**

The LOAMS' programme has set up this framework, which is implemented in all of our buildings, and recorded in our Sustainability Action Register. This exercise allows us to capture relevant initiatives pertaining to buildings for implementation, as well as verify the effectiveness or outcome of these

implemented programmes during inspections or audits.

The sustainability framework comprises policies and procedures that we adhere to, as well as feature criteria indicators to effectively measure them. The company is also committed to educating our employees with regards to these policies and procedures to ensure that they are aware of the effective use of each system in the framework.

**9. Can you share some recent notable achievements or milestones that DAMAC Properties has accomplished in the field of sustainable real estate development?**

On our path to attain our goals, we

have achieved significant milestones such as the application for LEED gold-certification for DAMAC Lagoons, which will make it the first master community in the UAE to receive the rating.

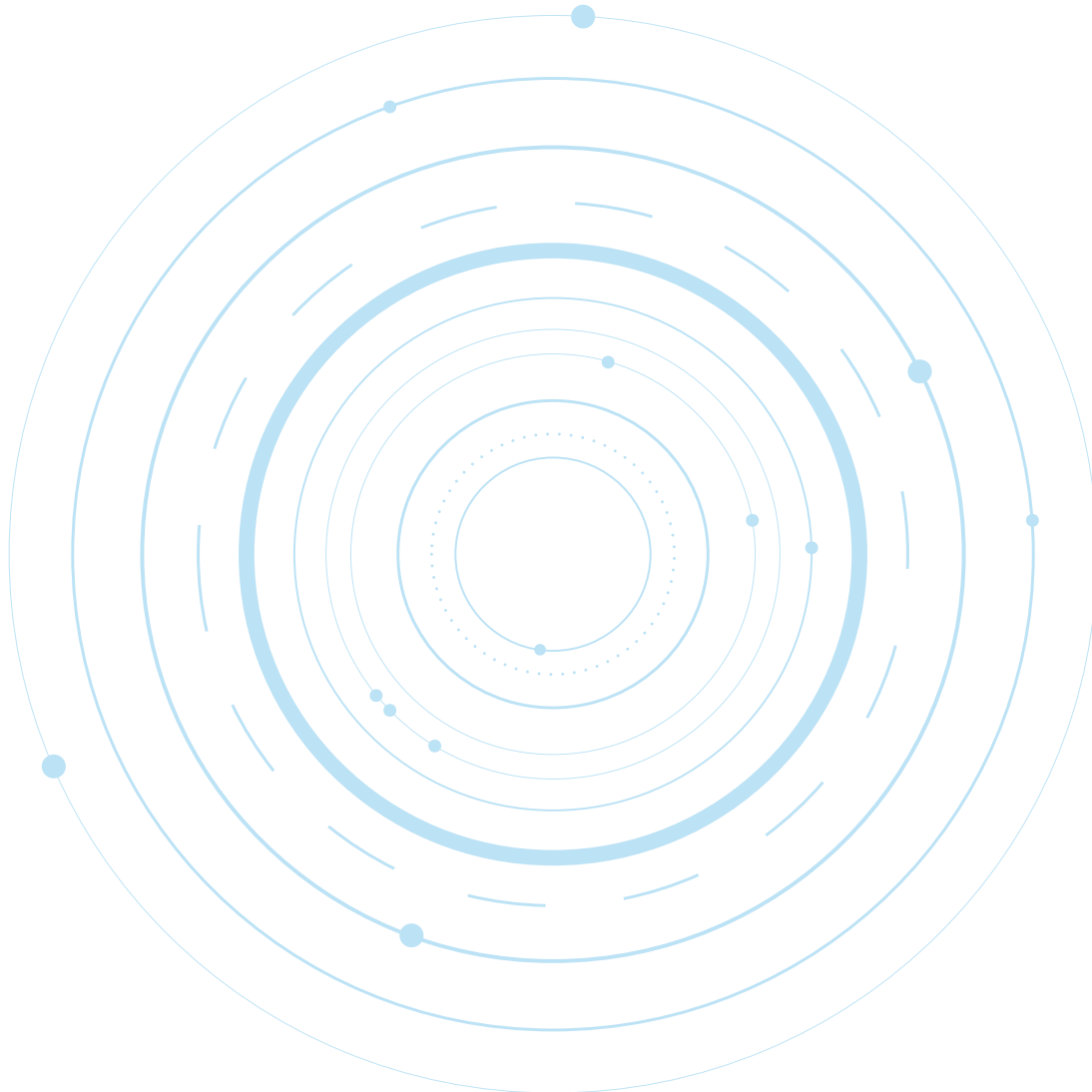
DAMAC is also a proud participant of the United Nations Global Compact initiative — a voluntary leadership platform for the development, implementation and disclosure of responsible business practices.

DAMAC Group has launched a Sustainability Programme focused on the Operations and Maintenance stages of project development. The goal of the Programme is to enhance all developments in the portfolio to follow international guidelines, policies,

and procedures in line with multiple Sustainability and Environmental Organisations.

Since May 24, 2022, DAMAC is an active member of the US Green Building Council (USGBC), the foremost coalition of leaders working to transform the way buildings are designed, built, and operated

DAMAC Group in collaboration with Mandarin Oriental is also preparing a responsible design and specification guidelines and systems document to ensure to the extent possible that all materials and finishes are ethically manufactured, workers are treated fairly, products are locally sourced, etc.



# NEWS - PEOPLE OF DETERMINATION

## DEWA's participation in the 5<sup>th</sup> AccessAbilities Expo 2023

DEWA participated in the 5th AccessAbilities Expo 2023, as a strategic partner. DEWA showcased its key innovative services and initiatives that support the inclusion and empowerment of people of determination in the work environment and community.

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DEWA is keen to continuously sponsor and participate in the AccessAbilities Expo to support the government agenda for the inclusion and empowerment of people of determination. This highlights DEWA's vital role in engaging all members of society to achieve sustainable development. This is in line with the National Policy for Empowering People of Determination, launched by His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, to create an inclusive society that ensures empowerment and a decent life for People of Determination and their families. It also supports the 'My Community... a City for Everyone' initiative, launched by His Highness Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum, Crown Prince of Dubai and Chairman of the Executive Council of Dubai, to transform Dubai into an accessible city for people of determination. DEWA promotes Dubai's inspiring model in empowering people of determination, by ensuring that they have access to the best services and assistive technologies that allow them to live independently, enhance their quality of life, and promote their inclusion in the community,

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**HE SAEED MOHAMMED AL TAYER, MD & CEO OF DEWA**



Dr. Yousef Al Akraf, Executive Vice President of Business Support and Human Resources at DEWA, emphasised that participating in and sponsoring this exhibition reflects DEWA's commitment to preserving the rights of people of determination and fostering their inclusion in society and the work environment.

DEWA's platform in Accessibilities' Expo highlighted its inclusive services for people of determination with different disabilities. This includes "Ash'ir", a live

video chat service using sign language that enables customers with hearing impairments to communicate directly with the Customer Care Centre via smart app; "Hayak" an online text chat with an option of video chat service allows customers to directly communicate with Customer Care Centre agents available on DEWA's website and mobile app; and "Rammas", DEWA's virtual employee that uses AI, to assist customers at Customer Happiness Centres by answering their enquiries in both Arabic and English. DEWA has facilitated the access of





EOD and customers of determination to services, buildings and facilities, and retrofitted all its new buildings and facilities in accordance with the Dubai Universal Design Code by 100%. DEWA's website compliance scored 100%, while the smart app scored 10/10 on the POD Accessibility Evaluation Report by Digital Dubai Authority.

DEWA participated in this event as a community initiative that falls under the 'society' pillar of its strategy for including and empowering people of determination in the work environment and society. This strategy includes programmes and initiatives that various DEWA departments implement under the supervision of DEWA's Advisory Council for People of Determination. Between 2015 and 2022, the number of initiatives related to people of determination reached 82 programmes. The average number of beneficiaries of these community initiatives reached 3,509,986 people, and the community happiness rate for DEWA's role as a supportive organisation for people of determination reached 94% in 2022. DEWA is working to align its strategy with local and federal strategies for including and empowering people of determination.



## What do you know about AccessAbilities Expo?

AccessAbilities Expo is the largest exhibition of its kind in the Middle East, North Africa, and the Indian sub-continent region. The exhibition is held under the patronage of HH Sheikh Ahmed bin Saeed Al Maktoum, Chairman of Dubai Civil Aviation Authority, and Chairman and Chief Executive of Emirates Airline and Group, every year at Dubai World Trade Centre. The exhibition reflects the success of the UAE's wise

leadership in enhancing international collaboration to build an inclusive and sustainable society that meets the needs and aspirations of people of determination and supports their role in achieving sustainable development. It presents the best services and assistive technologies that allow them to live independently, meet their needs and aspirations, enhance their quality of life, and ensure their participation in various fields.



## Green Jobs: A Global Shift Towards Sustainability



In recent years, the global workforce has witnessed a transformative shift towards sustainability, driven by the urgent need to address climate change and foster environmental conservation. This shift is characterised by the rise of green jobs, and signifies a pivotal development in the transition towards a greener economy. Green jobs encompass a diverse range of roles, spanning industries from renewable energy to conservation and sustainable agriculture. These positions are not only instrumental in mitigating environmental degradation but also hold the potential to revolutionise economic landscapes worldwide.

Recent labour statistics highlight a surge in green employment opportunities across various regions. In China, government-backed initiatives targeting carbon neutrality have sparked a boom in green employment, with projections indicating over a million new jobs in this sector by 2025. Similarly, in the UK, the Institute of Environmental Management and Assessment (IEMA) has launched the Green Careers Hub, a comprehensive resource designed to guide individuals towards future-proof careers in sustainability.

The USA, faced with the dual challenges of environmental preservation and economic revitalization, has seen a notable surge in green job offerings. A staggering 100,000 green jobs were

advertised in the US in the second half of 2022, signalling a profound shift towards sustainable employment opportunities. This trend is reflective of a global movement towards green economies, with countries worldwide recognising the potential for job creation and economic growth in sustainable sectors.

Singapore is experiencing a surge in green job opportunities, driven by initiatives like the Green Plan 2030. Projections suggest up to 30 million sustainability-linked jobs in South-east Asia by 2030, with key sectors including solar energy, electric mobility, and sustainable farming. The corporate sector is also responding, creating roles like Chief Sustainability Officers. The youth are embracing these opportunities more and more every day, with a growing interest in green careers as they recognise the vital role they play in the transition to a sustainable future.

In the Middle East and North Africa region, the UAE stands out as a shining example with a comprehensive approach to green job creation that supports the transition towards the green economy. Earlier this year, the UAE Cabinet approved the National Hydrogen Strategy and the updated version of the UAE Energy Strategy 2050 to enhance the UAE's efforts to meet its climate and net-zero commitments by 2050 and accelerate the global hydrogen economy.

These strategies emphasise the country's commitment to sustainable energy production and reflect the UAE's ambition to become a leading and reliable producer and supplier of low-carbon hydrogen by 2031.

The launch of these new strategies held special significance in the Year of Sustainability in the UAE, during which the country hosted the United Nations Framework Convention on Climate Change (COP 28). In line with the updated objectives of the UAE Energy Strategy 2050, the country will invest between AED 150-200 billion by 2030 to ensure energy demand is met while sustaining economic growth in the UAE. In addition to enhancing energy consumption efficiency rates to reduce carbon emissions and enhance environmental sustainability, this will contribute significantly to the green job market by creating 50,000 new green jobs by 2030.

As nations around the world increasingly recognise the vital role of green jobs in combating climate change, they are forging ahead with innovative policies and initiatives to nurture sustainable employment opportunities. This global shift towards a green economy not only addresses the urgent need for commitment in environmental action but also represents a powerful force in shaping a more sustainable and equitable future for all.



## Dubai Municipality wins prestigious 'Rising Stars of Safety Award' for consecutive year and the UN-Habitat Scroll of Honour Award

Dubai Municipality has been honoured with the prestigious 'Rising Stars of Safety Award' 2023 for the second consecutive year by the National Safety Council of the United States (NSC).

This award celebrates and acknowledges health and safety sector pioneers, who demonstrate a commitment to innovation and develop institutions in line with global best practices. The 2023 edition of the award recognised the outstanding contributions of Eng. Mohamed Abdula AlMarzooqi, Safety Engineer of Dubai Municipality, in promoting health and safety concepts, and driving advancements in workplace and societal safety.

Dubai Municipality was also awarded the UN-Habitat Scroll of Honour Award. The award is one of the most prestigious awards in its category organised by UN-Habitat. Dubai Municipality received this award in recognition of its ground-breaking 'FOG WATCH' initiative that aims to automate the disposal, final treatment, recycling, and primary use of food waste in sewage systems.

## Hope Probe Team Receives 2023 Laurels for Team Achievement Award from the International Academy of Astronautics

During the 74th International Astronautical Congress (IAC 2023) which was held in the Azerbaijani capital Baku, the International Academy of Astronautics (IAA) presented the Emirates Mars Mission Hope Probe team with the 2023 Laurels for Team Achievement Award. The award was presented in appreciation of their efforts in providing the global scientific community with significant data about Mars that contributed to drawing a complete map of its atmosphere, in addition to revealing unprecedented observations of the smaller Mars moon "Deimos".

The Emirates Mars Mission, the first interplanetary mission by an Arab nation, was developed by an international team made up of members from the Mohammed bin Rashid Space Centre in Dubai, UAE, the Laboratory for Atmospheric and Space Physics (LASP) at the University of Colorado Boulder, and the Space Sciences Laboratory at the University of California. This team, together with scientists from the US, Europe and the UAE was managed as a single, integrated team to deliver an interplanetary mission with a revolutionary approach to mission design, management, and execution.

## RTA releases 8th Sustainability Report 2022

Dubai's Roads and Transport Authority (RTA) has released its eighth annual Sustainability Report for the year 2022. This report sheds light on RTA's commitment to environmental, social, and governance (ESG) practices in line with global standards set forth by the Global Reporting Initiative. The release of the report underscores RTA's dedication to transparency in showcasing its yearly sustainability performance.

The report highlights RTA's plan to transform taxis in Dubai (Dubai Taxi and franchise companies' taxis) into 100% eco-friendly (hybrid, electric and hydrogen-powered) by 2027. This move is consistent with RTA's roadmap to have zero emissions of public transport in Dubai by 2050, and the Dubai Government's strategic directions towards comprehensive environmental sustainability. RTA has rolled out 43 initiatives focused on energy and green economy, leading to unprecedented savings in 2022 amounting to 86 million kilowatt-hours of electricity and 50 million litres of fuel, besides a reduction of 201,000 tonnes of carbon dioxide equivalent.

The report also stated that RTA has completed the initial phase of creating digital maps of Jumeriah streets, positioning Dubai as the first city outside the USA to commercially deploy Cruise's autonomous vehicles. RTA and Cruise are working together to introduce the first autonomous taxi ride, with plans to roll out 4,000 vehicles by 2030.





## 847,000 people benefitted from DHA's smart services with a 96% satisfaction rate with virtual healthcare services

The Dubai Health Authority currently provides a total of 77 smart services across its diverse platforms. These services encompass health tourism, health insurance, medical committee services, overseas treatment services, health offices, public health services, administrative support, health regulation services, medical education and research services.

During the first half of 2023, a total of 847,000 individuals benefitted from the services provided by DHA, marking an increase of 136,000 compared to the same period in 2022. The Authority provides a total of 10 administrative and support services including medical auditing for 'special parking permits for People of Determination' in collaboration with the Roads and Transport Authority, besides the issuance of birth certificates, as well as health regulation services. Healthcare regulation alone accounts for 30 services, which range from submitting requests for adding new facilities at healthcare establishments to initiating name changes for health facilities.

DHA has also introduced telemedicine, or virtual healthcare services, adhering to the most rigorous standards and clinical guidelines for remote care. Since the beginning of 2023, a total 129 healthcare facilities are offering telemedicine services. The number of remote medical consultations in 2022 reached approximately 293,000, an increase of 23% compared to the 237,000 consultations in 2021, with satisfaction rates among patients and providers put at 92% and 96% respectively.



## DP WORLD

## DP World raises \$1.5bn green Sukuk to support sustainability ambitions

DP World has reaffirmed its commitment to sustainable operations by raising USD 1.5 billion through a Green Sukuk to support its global decarbonisation efforts. The Sukuk, which was oversubscribed 2.3x due to strong demand from local, regional and international investors, is listed on both Nasdaq Dubai and the London Stock Exchange. The proceeds from the Sukuk will be earmarked for eligible green projects in line with DP World's recently published Sustainable Finance Framework. Current projects cut across electrification, renewable energy, clean transportation and energy efficiency.

Priced at a spread of 119.8 bps above US treasuries with a 5.5% coupon rate, DP World's Sukuk achieved one of the tightest spreads for a BBB+ rated corporate globally.

