

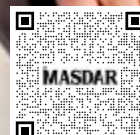


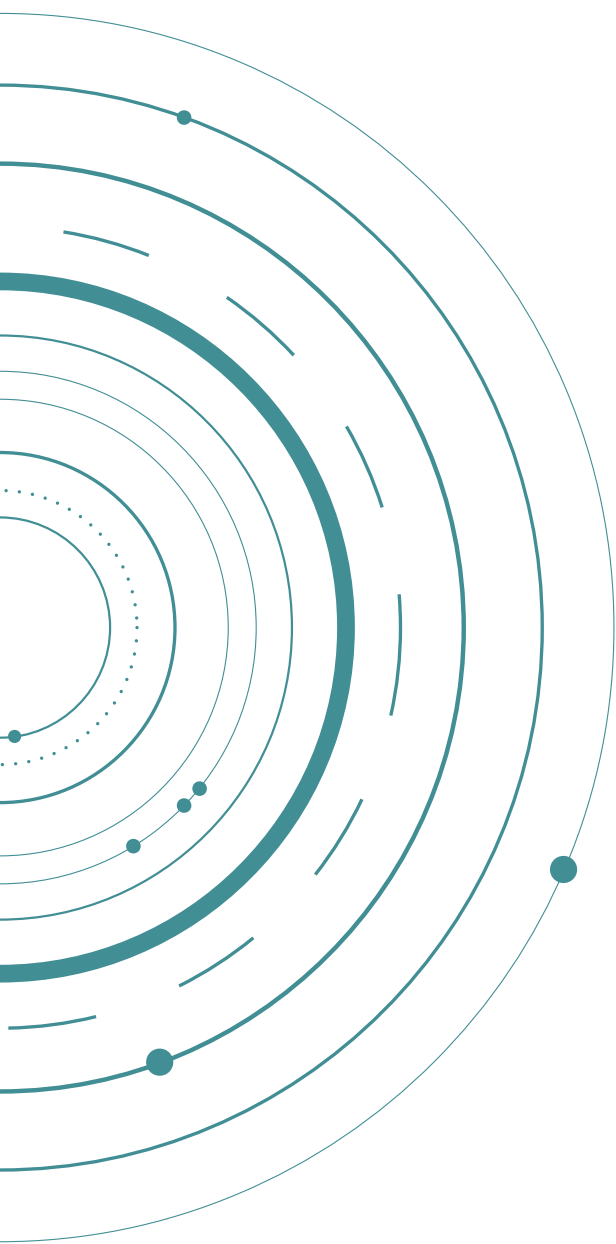
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AL MASDAR



**MOHAMMED BIN RASHID
INAUGURATES 300MW FIRST
STAGE OF THE FIFTH PHASE OF
THE MOHAMMED BIN RASHID
AL MAKTOUM SOLAR PARK**





“ The UAE will remain a beacon of hope for the entire region ”

HH Sheikh Mohammed bin Rashid Al Maktoum

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



MD & CEO MESSAGE

HE SAEED MOHAMMED AL TAYER
MD & CEO of DEWA

THE UAE IS A GLOBAL MODEL FOR TURNING CHALLENGES INTO PROMISING OPPORTUNITIES

The Principles of the 50, approved by the UAE's wise leadership, states that our focus over the upcoming period will be on building the best and most dynamic economy in the world and that the economic development of the country is of supreme national interest. Thanks to the vision and directives of the wise leadership, the UAE has become one of the first countries to recover from the effects of the COVID-19 pandemic. It is now welcoming visitors from all over the world at Expo 2020 Dubai. The Expo is a unique platform that shares the UAE's success story and sends a message of hope to the world from the UAE, land of opportunities, where dreams come true, and demonstrate that challenges can be turned into promising opportunities. This has become possible thanks to the forward-looking vision of the wise leadership and the strong will-power and sincere efforts of the people of the UAE who seek to pay back to their generous nation. Expo 2020 Dubai is also an opportunity to highlight the UAE's achievements over the past 50 years and its preparations for the next 50 years.

Under the directives of HH Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai; and under the patronage of HH Sheikh Ahmed bin Saeed Al Maktoum, Chairman of the Dubai Supreme Council of Energy, DEWA is organising the 23rd Water, Energy, Technology, and Environment Exhibition

(WETEX) and Dubai Solar Show during the first week of Expo 2020 Dubai. This edition of the exhibition is an exceptional opportunity for sponsors, exhibitors, and visitors to be part of the first Expo in the Middle East, Africa and South Asia and one of the first major events since the pandemic. WETEX and Dubai Solar Show is an important opportunity for international organisations and companies in the water, environment, oil, gas, conventional and renewable energy, green development, and related technologies to present their solutions and products, make deals, build partnerships, promote green technologies, review the latest technologies and innovations, learn about opportunities for empowering startups to anticipate the future of green energy, and learn about market needs in light of the expansion in renewable and clean energy technologies in the UAE and the region as a whole.

As the Official Sustainable Energy Partner for Expo 2020 Dubai, DEWA has allocated AED 4.26 billion to supply the world-class event with electricity and water and support its electricity and water infrastructure projects using the latest smart systems. We are applying all our efforts, expertise, and capabilities so that Expo 2020 Dubai achieves the success that befits the UAE in line with the vision of HH Sheikh Mohammed bin Rashid Al Maktoum to host the best World Expo in its history and make the experience of Dubai visitors unforgettable.

Our Purpose

Providing globally leading sustainable, efficient, and reliable power and water services, and related innovative smart solutions.

Our Vision

A globally leading sustainable innovative corporation.

Our Mission

We are committed and aligned to Dubai's 8 Principles and 50-Year Charter supporting the UAE's directions through the delivery of global leading services and innovative energy solutions enriching lives and ensuring the happiness of our stakeholders in a sustainable manner.

Our Values

Stakeholders' Happiness, Sustainability, Innovation, Excellence, and Good Governance.

Our Motto

For generations to come.

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UNITED ARAB EMIRATES

Principles of the 50

The UAE's 10 Principles for the Next 50 Years

As the United Arab Emirates (UAE) approaches its Golden Jubilee, the country is entering a new phase in its history, a new era of its development path, and a new cycle of economic, political and social growth. This document summarises the new guidance for the UAE in its upcoming historical phase as directed by His Highness Sheikh Khalifa bin Zayed Al Nahyan, President of the UAE, and envisioned by His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, and His Highness Sheikh Mohamed bin Zayed Al Nahyan, Crown Prince of Abu Dhabi and Deputy Supreme Commander of the UAE Armed Forces.

This document sets forth 10 principles for the UAE, which all government agencies, including the legislative system, the police and security institutions as well as the scientific entities, must adhere to and use as guidelines for all their decisions, and strive to implement through their frameworks and strategies. These principles are as follows:

The First Principle

The major priority shall remain the strengthening of the union, its institutions, legislations, capacities and budgets. The urban, developmental and economic development of all parts of the country is the fastest and most effective way to consolidate the union of the UAE.

The Second Principle

To completely focus, over the upcoming period, on building the best and most dynamic economy in the world. The economic development of the country is the supreme national interest, and all state institutions, of all sectors and across different federal and local levels, shall bear collectively the responsibility of building the best global economic environment and maintaining the gains achieved over the past 50 years.

The Third Principle

The UAE's foreign policy is a tool that aims to serve the higher national goals, the most important of which is the UAE's economic interests. The goal of our political approach is to serve the economy. And the goal of the economy is to provide the best quality of life for the people of the UAE.

The Fourth Principle

The main future driver for growth is human capital. Developing the educational system, attracting talents, retaining specialists and continuously building skills are what shall keep the UAE at the top.



UNITED ARAB EMIRATES

The Fifth Principle

Good-neighbourliness is the basis of stability. The geographical, social and cultural vicinity of the country is the first line of defence for its security, safety and its future development. Developing stable and positive political, economic and social relations with this vicinity is one of the most important priorities of the country's foreign policy.

The Sixth Principle

Cementing the reputation of the UAE globally as one nation is a national mission for all institutions. The UAE is one economic destination, one tourist destination, one industrial destination, one investment destination, and one cultural destination. Our national institutions must combine their efforts, and together benefit from the capabilities, and work to build global enterprises and partnerships across the world.

The Seventh Principle

The digital, technical and scientific excellence of the UAE will define its new development and economic frontiers, and the solidification of its position as a capital for talent, companies and investments in these sectors will make it the capital of the future.

The Eighth Principle

The value system in the UAE shall remain based on openness and tolerance, the preservation of rights, the consolidation of the rule of law, the preservation of human dignity, the respect of cultures, the strengthening of human fraternity, and the respect of national identity. The country will remain supportive, through its foreign policy, of all initiatives, pledges and international organizations that promote peace, openness and human fraternity.

The Ninth Principle

The UAE's foreign humanitarian aid is an essential part of its own vision and moral duty towards less fortunate nations. Our foreign humanitarian aid is not tied to religion, race, colour or culture. Political disagreement with any country should not stop us from providing swift relief for those in need.

The Tenth Principle

Calling for peace, harmony, negotiations and dialogue to resolve all political disputes is the basis of the UAE's foreign policy, and striving with regional partners and global friends to establish regional and global peace and stability is a fundamental driver of our foreign policy.

MOST LOVED PHOTO



COVER STORY



Mohammed bin Rashid inaugurates 300MW first stage of the fifth phase of the Mohammed bin Rashid Al Maktoum Solar Park

His Highness also launched a project to study the feasibility of generating electricity from wind power in Hatta

His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, has inaugurated the 300 megawatt (MW) first stage of the 900MW fifth phase of the Mohammed bin Rashid Al Maktoum Solar Park. Implemented by DEWA using the Independent Power Producer (IPP) model, the solar park is the largest single-site solar park in the world with a planned total capacity of 5,000MW by 2030.

The Solar Park's projects constitute one of the key pillars of the Dubai Clean Energy Strategy 2050, which aims to provide 75% of Dubai's total power capacity from clean energy sources

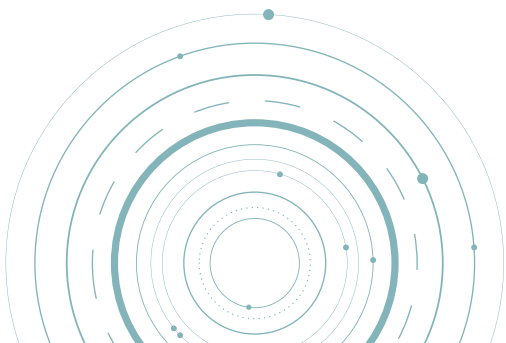
by 2050. The fifth phase investments amount to AED2.058 billion, according to DEWA.

During his visit to the site, HH Sheikh Mohammed was accompanied by HH Sheikh Maktoum bin Mohammed bin Rashid Al Maktoum, Deputy Ruler of Dubai; HH Sheikh Ahmed bin Mohammed bin Rashid Al Maktoum, Chairman of the Dubai Media Council; HH Sheikh Ahmed bin Saeed Al Maktoum, Chairman of the Dubai Supreme Council of Energy; and HE Mohammed Ibrahim Al Shaibani, Director General of His Highness The Ruler's Court of Dubai.

His Highness was welcomed at the solar park by HE Saeed Mohammed Al Tayer,

MD & CEO of DEWA and board members of the Dubai Supreme Council of Energy, including HE Dawood Al Hajiri, Director General of Dubai Municipality; HE Abdulla bin Kalban, Managing Director of Emirates Global Aluminium (EGA); HE Saif Humaid Al Falasi, CEO of Emirates National Oil Company (ENOC); and Nasser Abu Shehab, CEO of the Strategy & Corporate Governance Sector at the Roads & Transport Authority (RTA), in addition to Mohammad Abdullah Abunayyan, Chairman of ACWA Power; and HE Li Xuhang, Consul General of the People's Republic of China in Dubai.

In November 2019, DEWA announced the consortium led by ACWA Power and Gulf Investment Corporation as the





Preferred Bidder to build and operate the fifth phase of the Mohammed bin Rashid Al Maktoum Solar Park using photovoltaic (PV) solar panels based on the IPP model. DEWA achieved a world record by receiving the lowest bid of USD1.6953 cents per kilowatt hour (Levelised Cost of Energy) for this phase. A total of 60 Requests for Qualifications (RFQ) were received from international developers.

To implement the project, DEWA established Shuaa Energy 3 in partnership with the consortium led by ACWA Power and Gulf Investment Corporation. DEWA owns 60% of the company, and the consortium owns the remaining 40%. The project uses the latest Solar photovoltaic bifacial technologies, which allows solar radiation to reach the front and back of the panels, with single-axis tracking to increase generation. The fifth phase will provide clean energy to over 270,000 residences in Dubai, including 90,000 residences by the commissioned first stage, and will reduce 1.18 million tonnes of carbon emissions annually. To be commissioned in stages until 2023, the fifth phase uses the latest solar photovoltaic bifacial technologies with Single Axis Tracking to increase energy production.

HH Sheikh Mohammed bin Rashid Al Maktoum also launched a project to study the feasibility of generating electricity by utilising wind energy in Hatta. Based on field visits and available preliminary data on wind in Hatta, DEWA has identified the location for a wind farm with a total capacity of

about 28MW. Actual wind speed for a full year is currently being measured at the location using a 150-metre metal tower. The purpose is to collect accurate data and study the total capacity of the power plant as well as other technical details in terms of number of turbines, capacity of each, annual operating hours, among other things.

"At DEWA, our strategy and plans are guided by the vision and directives of His Highness Sheikh Mohammed bin Rashid Al Maktoum to promote sustainability, innovation and the shift towards a green sustainable economy. The project to generate electricity using wind power is part of our efforts to diversify clean and renewable energy sources in Dubai.



These include photovoltaic solar panels technology, Concentrated Solar Power (CSP), green hydrogen production using renewable energy, and pumped-storage technology in the hydroelectric power station in Hatta," said Al Tayer.

"Commissioning the 300MW first stage of the fifth phase of the Mohammed bin Rashid Al Maktoum Solar Park increases DEWA's total capacity of clean energy to 1,310MW. This brings clean energy capacity in Dubai's energy mix to around 10%. DEWA's production capacity has increased to 13,200MW of electricity and 490 million imperial gallons of desalinated water per day (MIGD). Before the end of first quarter of the coming year, clean energy capacity will increase to 13.3% of Dubai's total energy mix after adding 517MW from solar photovoltaic panels and CSP in the fourth phase of the solar park. These include 100MW from the world's tallest CSP tower at 262.44 metres, 200MW from first project of the parabolic trough, and 217 MW using photovoltaic solar panels," added Al Tayer.

Al Tayer emphasised that DEWA's major project in cooperation with the private sector and using the Independent Power Producer (IPP) model contributes to the economic growth of the Emirate. Through this model, DEWA received the lowest solar energy prices (Levelised Cost of Energy) globally five consecutive times, making Dubai a global benchmark for solar power prices. DEWA has attracted investments of around AED40 billion from the IPP model.



Mohammed bin Rashid approves six new development projects in Hatta

Projects implemented by DEWA as part of the Hatta development plan with the aim of providing 500 jobs for locals

His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, has approved a number of designs for new tourism projects as part of the comprehensive development plan for Hatta region, previously launched by His Highness.

The list of projects include the Dubai Mountain Peak, Hatta Sustainable Waterfalls, as well as 200 holiday homes to be established by Hatta residents that will generate an annual income of over AED100 million for the people of the region.

These projects will play a pivotal role in promoting domestic tourism and

the environmental sustainability of the region by highlighting the importance of preserving the environment, benefiting from renewable energy sources and enhancing the quality of life for community members.

"We approved six new projects as part of the Hatta development plan, which include the Dubai Mountain Peak at an altitude of 1,300 meters, a 5.4km-long chairlifts, Hatta Sustainable Waterfalls, a world-class hotel, hiking trails to the highest peak in Dubai (Jebel Umm Al Nisour, at 200 meters), as well as allowing Hatta residents to build 200 holiday homes to support domestic tourism in the district" said His Highness Sheikh Mohammed bin Rashid Al Maktoum.

"Since the launch of our development project in Hatta in 2016, the numbers of tourists grew exponentially from 60,000 to one million visitors in 2020. The new projects implemented by DEWA will provide 500 job opportunities for the young people of Hatta, while the new holiday homes will generate an annual income of over AED100 million for the people of the region. A prosperous life for our citizens will remain our goal in all our projects," added His Highness.

Implemented by DEWA along other tourism projects, the Dubai Mountain Peak and Hatta Sustainable Waterfalls projects are aimed at supporting endeavors on the development of Hatta region and promoting its position as



one of the most prominent tourist attractions across Dubai and the UAE. Both projects are considered among the major projects implemented by DEWA in the region, to be an important addition to the tourism sector in Dubai.

The designs were selected after a large number of global design houses and consultancies took part in a global competition for this purpose. The design presented by French Groupe-6 was selected, and work is currently underway on the precise engineering details in cooperation with EDF, the global consulting firm.

"In light of His Highness' vision to transform Hatta into a tourism and investment hub, while preserving the city's heritage and attractive nature, DEWA implements pioneering projects in Hatta, through which we aim to develop the region and meet the needs of social, economic and environmental development, in addition to providing innovative job opportunities for the citizens of the region and enhancing community happiness. Leveraging state-of-the-art technology and taking into account the unique geology of the Hatta

region, we are implementing the Dubai Mountain Peak and Hatta Sustainable Waterfalls projects in accordance with highest international environmental standards. Our aim is to preserve the Hatta Mountain Reserve, and to harmonise both projects with their surroundings. The projects will offer a unique experience for UAE tourists and show the beauty of the mountainous regions of the country," said HE Saeed Mohammed Al Tayer, MD and CEO of DEWA. Al Tayer explained that the projects implemented by DEWA in Hatta will provide about 200 jobs in the technical, administrative and operational fields, and over 300 jobs in the visitor centre, outdoor activities and tourism facilities associated with the project.

The Dubai Mountain Peak project will include the establishment of a 5.4 km-long chairlift to transport tourists from the Hatta Dam area to the summit of Jebel Umm Al Nisour, at an altitude up to 1,300 meters above sea level.

The project includes three main stations, including the point of departure, on the upper platform above Hatta dam and will be linked to the car

parking space using advanced means of transportation; an intermediate stop station that includes an observation platform, facilities to serve tourists and a luxury hotel built according the highest international standards. It also has the peak station, with a panoramic observation platform, facilities to meet the needs of tourists, and hotel suites belonging to the main hotel.

The project will also see the establishment of hiking trails towards the Jebel Umm Al Nisour peak, in addition to recreational and service facilities that provide a world-class tourist environment.

The Hatta Sustainable Waterfalls project will take advantage of Hatta dam slope as a natural waterfall; creating a water stream along the parking spaces below the dam, so that this water can be collected, recycled at the end of the stream and then pumped towards the upper part of the slope. The project will also include introducing aqua life into the water stream with new fish species that will attract families and children. The project will also include developing the area to include recreational spaces and restaurants.



Empower acquires 19 District Cooling Plants from Nakheel for AED 860 million

In the presence of His Highness Sheikh Ahmed bin Saeed Al Maktoum, Chairman of the Dubai Supreme Council of Energy, Emirates Central Cooling Systems Corporation (Empower), the world's largest district cooling services provider has signed an acquisition agreement of Nakheel's district cooling unit, with a total cooling capacity of 110,000 refrigeration tons (RT) and a total value of AED 860 million.

The acquisition agreement stipulates that Empower will acquire all the assets of the Nakheel's district cooling systems that serves more than 18,000 customers in 17 major urban projects through 19 plants across Dubai. Empower will also manage and operate them and carry out

all the activities, functions, operations and obligations.

HE Mohammed Ibrahim Al Shaibani, Director General of Dubai Ruler's Court and Chairman of the Board of Directors of Nakheel, and HE Saeed Mohammed Al Tayer, MD & CEO of DEWA and Chairman of the Board of Directors of Empower were also present at the signing of the agreement.

The acquisition agreement was signed by Ahmad bin Shafar, CEO of Empower, and Naaman Atallah, CEO of Nakheel.

HH Sheikh Ahmed bin Saeed Al Maktoum, highlighted that Empower's acquisition of the entire cooling systems

of Nakheel reflects the booming business environment in Dubai and the growth in number and type of the acquisition deals. This indeed embodies the vision of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai. This vision was further demonstrated by His Highness' words a few days ago; "Everyone succeeds and wins in Dubai, and the next is always more beautiful and greater." The deal also accentuates and adds to the position that Dubai occupies on the global sustainable development map.

HE Mohammed Ibrahim Al Shaibani, commented that the sale is a strategic move that allows Nakheel to focus on its

core business and enhance the services provided to investors, residents, business partners and customers at some of the biggest, most established communities and retail destinations in Dubai.

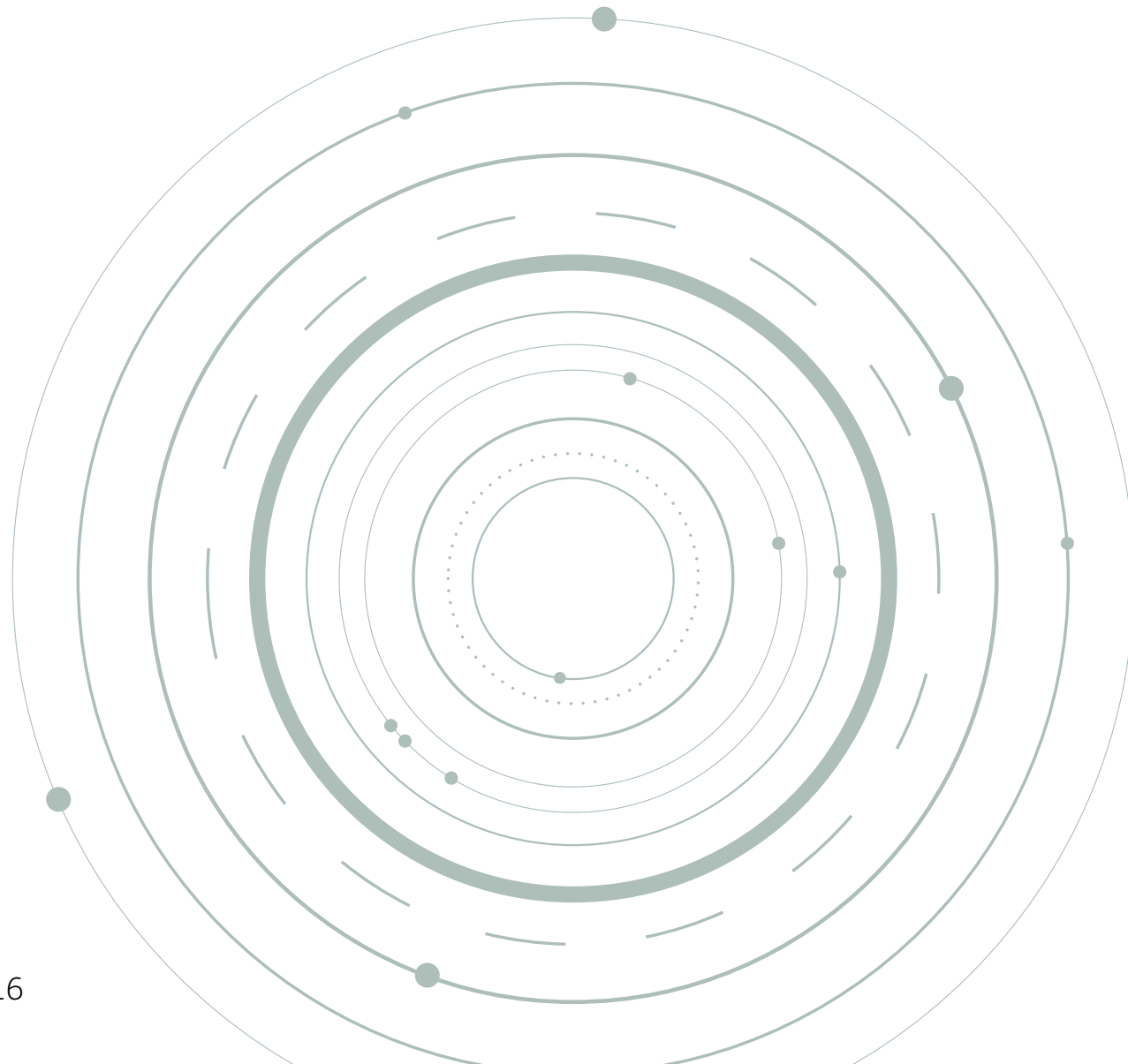
HE Saeed Al Tayer, said that the acquisition agreement is in line with the vision of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, to promote sustainable development, and with the Dubai Demand Side Management Strategy 2030, for which district cooling is one of its foundations. District cooling contributes to enhancing energy efficiency in Dubai. This agreement is a new bright milestone for Empower success and a consolidation of its local, regional and global leadership as a model of growth and prosperity of all industrial

sectors in Dubai. These sectors are quite rich with investment opportunities and are definitely able to permanently develop and expand the scope of investment activities that relate to the present and future of the vital district cooling sector.

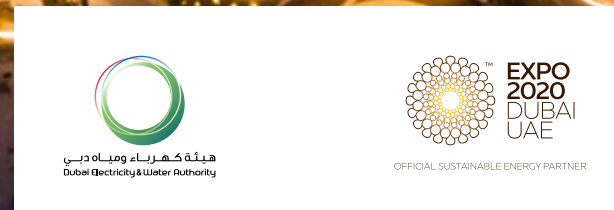
“The positive implications of such partnerships far exceed their investment dimensions. We are keen that the deal would give thrust to improving the efficiency of the energy sector, achieving a qualitative breakthrough in the standards of meeting the growing demand for district cooling services, and nourishing the momentum of establishing environmentally sustainable communities across the Emirate. This indeed goes in line with Dubai’s vision to be one of the most sustainable cities in the world and to lead by example in energy efficiency,” said Al Tayer.

Ahmad bin Shafar, CEO of Empower, stated that the company’s acquisition of the Nakheel’s entire district cooling activities constitutes an important achievement for the company, which will serve some of the prestigious developments in Dubai. Empower has been consistently growing its portfolio of projects and the addition of the Nakheel projects will further diversify Empower’s portfolio which will include, The Gardens, Nakheel Mall, Dragon Mart, Souk Al Marfa, Jumeirah Islands, Circle Mall, Al Khail Avenue and others.

Bin Shafar also confirmed that the financing of this acquisition deal will be through a mix of company’s funds and finance from local and international banks with which Empower is having close strategic relations.



FEATURE STORY





HE Saeed Mohammed Al Tayar inspects DEWA's pavilion at Expo 2020 Dubai

HE Saeed Mohammed Al Tayar, MD & CEO of DEWA, has inspected DEWA's pavilion at Expo 2020 Dubai, which is characterised by a modern design that aligns with its role as the Official Sustainable Energy Partner of Expo 2020 Dubai and its efforts to reshape the concept of utilities to contribute to making Dubai the smartest and happiest city in the world.

Al Tayar was accompanied by Abdullah Obaidullah, Executive Vice President of Water and Civil; Waleed Bin Salman, Executive Vice President of Business Development & Excellence; Marwan bin Haidar, Executive Vice President of Innovation and the Future; Mohammed Al Shamsi, Vice President of Civil Projects Engineering & Water Maintenance; and other DEWA officials. DEWA's pavilion

in the Sustainability District of Expo 2020 Dubai is 100% complete. Its design aligns with development and innovation, as reflected in the exterior, which features a decorative ribbed facade that mimic onward moving portals consistent with the progressive initiatives undertaken by DEWA.

Al Tayar said that DEWA has allocated AED 4.26 billion to supply the world-class event with electricity and water as well as supporting its electricity and water infrastructure projects using the latest smart systems.

"We are applying all our efforts, expertise, and capabilities so that Expo 2020 Dubai will achieve the desired success that befits the UAE, in line with the vision of His Highness Sheikh

Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, to host the best Expo in the history of World Expos and make the experience of Dubai visitors unforgettable. We are confident that Expo 2020 Dubai will be an international platform that contributes to developing innovative solutions to the various challenges facing the world for a brighter future for generations to come."

Al Tayar noted that through its participation in Expo 2020 Dubai, DEWA aims to provide a unique experience for visitors and introduce them to DEWA's efforts, which contribute to making Dubai the smartest and happiest city in the world. DEWA's pavilion highlights our innovative projects and initiatives, especially in renewable and clean

energy and using Fourth Industrial Revolution technologies to disrupt the entire business of public utilities. DEWA intends to become the world's first digital utility to use autonomous systems through Digital DEWA, its digital arm. DEWA's pavilion features three key areas: The exhibition area, which includes eight projects; the backyard; and the Solar Decathlon Middle East (SDME) area.

MOHAMMED BIN RASHID AL MAKTOUM SOLAR PARK

DEWA's pavilion at Expo 2020 Dubai highlights the Mohammed bin Rashid Al Maktoum Solar Park, the largest single-site solar park in the world with a planned capacity of 5,000 megawatts (MW) by 2030. Upon its completion, the solar park will reduce over 6.5 million tonnes of carbon emissions annually.

GREEN HYDROGEN PROJECT

DEWA showcases the Green Hydrogen project, the first of its kind in the MENA to produce hydrogen using solar power. It was implemented in collaboration between DEWA, Expo 2020 Dubai, and Siemens Energy at the outdoor testing facilities of the Mohammed bin Rashid Al Maktoum Solar Park. The pilot plant has been designed to accommodate future applications and test platforms of different uses for hydrogen for industry and transportation.

DIGITAL DEWA

Digital DEWA, the digital arm of DEWA, aims to make DEWA the world's first digital utility to use autonomous systems for renewable energy and storage while expanding the use of Artificial Intelligence (AI) and digital services. Digital DEWA focuses on four pillars: Solar Energy, Energy Storage, AI, and digital services.

HYDROELECTRIC POWER PLANT IN HATTA

The 250MW pumped-storage hydroelectric power plant in Hatta is the first of its kind in the GCC, with a storage capacity of 1,500 megawatt-hours and a life span of up to 80 years. The hydroelectric power station will use water in the Hatta Dam and an upper reservoir that is being built in the mountain. Advanced turbines that run on clean energy generated at the

Mohammed bin Rashid Al Maktoum Solar Park, will pump water from the dam to the upper reservoir. Turbines operated by the waterfall speed from the upper reservoir will be used to generate electricity and supply it to DEWA's grid.

DEWA'S SPACE-D PROGRAMME

DEWA showcases its Space-D programme, which aims to build DEWA's capabilities and train Emirati professionals to use space technologies to enhance its electricity and water networks, and will take advantage of the Fourth Industrial Revolution technologies. The project features the launch of the main satellite equipped with the latest imaging and satellite communication technologies to monitor the performance and efficiency of the photovoltaic solar panels at the Mohammed bin Rashid Al Maktoum Solar Park using special cameras on the primary satellite. It will also study the impact of weather and climate change on energy infrastructure and supply, to enhance the reliability of supply and sustainability of resources.

AL SHERAA BUILDING

DEWA's pavilion at Expo 2020 Dubai features a model of its new headquarters named Al Shera'a (Arabic for Sail). It will be the world's tallest, largest, and smartest government Zero Energy building. Total energy used in the building during a year will be equal to or less than the energy produced on-site during that year. DEWA's new headquarters is designed to receive a platinum rating by LEED (Leadership in Energy and Environmental Design) and a silver rating from the WELL Building Standard. It will use the latest technologies, including IoT, Big Data and Open Data, AI, and the latest smart-building management technologies.

DUBAI MOUNTAIN PEAK AND HATTA SUSTAINABLE WATERFALLS

Besides the hydroelectric power station, DEWA is implementing two projects in Hatta: 'Dubai Mountain Peak' and 'Hatta Sustainable Waterfalls.' The 'Dubai Mountain Peak' project includes the construction of a 5.4 kilometre cable car to transport tourists to the summit of Um Al-Nesoor. At 1,300 metres above sea level, it is the highest natural summit in Dubai. The project is

expected to be a major tourist attraction in the UAE. The cable car route passes over the Hatta Dam lake and the upper reservoir of the hydroelectric power station, as well as through mountains, ending at the summit of Um Al Nesoor mountain. The 'Hatta Sustainable Waterfalls' project will use the slope of the upper dam to create a natural waterfall. A waterway will be built along the parking area below the dam. The water used in the waterfall will be collected at the end of the stream, recycled and pumped back to the top of the dam. Fish bred in the stream will provide an additional attraction for tourists and families.

WORLD GREEN ECONOMY ORGANIZATION

As part of its pavilion, DEWA has dedicated a stand for the World Green Economy Organization (WGEO), which was launched by HH Sheikh Mohammed bin Rashid Al Maktoum in October 2016 during the World Green Economy Summit in Dubai. WGEO aims to enhance the transition to a green economy and support countries and organisations in implementing their green strategies and plans. WGEO and the UAE Ministry of Climate Change and Environment will organise the 'MENA Climate Week 2022', in collaboration with UNDP, the UN Environment Programme (UNEP), the United Nations Framework Convention on Climate Change (UNFCCC), and the World Bank Group. The UAE will host the event for the first time in the MENA on 2-3 March 2022.

SOLAR DECATHLON MIDDLE EAST

DEWA has allocated a stand at its pavilion for the Solar Decathlon Middle East (SDME), which is organised by DEWA under the patronage of HH Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum, Crown Prince of Dubai and Chairman of the Executive Council of Dubai. It is part of the partnership between the Dubai Supreme Council of Energy and DEWA with the US Department of Energy. DEWA will showcase the designs submitted by universities in the second SDME, which will be held in conjunction with Expo 2020 Dubai. DEWA will also showcase the design that won 1st place in the first SDME, which DEWA organised in 2018. It was designed by a team from Virginia Tech in the US.



HE Saeed Mohammed Al Tayer on Expo 2020 Dubai

“The words of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, that the UAE is ready to host the first and biggest gathering since the outset of the COVID-19 pandemic are reassuring the world that the UAE has managed to become one of the first countries to recover from the pandemic and welcome visitors from around the world. This is a result of the wise leadership vision and directives that helped the country become a role model in handling emergencies and crises competently and turn challenges

into promising opportunities. The words of His Highness highlight that Dubai possesses all capabilities to host millions of visitors. This makes the Expo 2020 Dubai an opportunity to learn about the latest innovations, the UAE's achievements over the past 50 years and preparations for the next 50 years,” said HE Saeed Mohammed Al Tayer, MD & CEO of DEWA.

“As the official sustainable energy partner of Expo 2020 Dubai, DEWA allocated AED 4.26 billion to support electricity and water infrastructure projects at the Expo 2020 Dubai using the latest smart systems. We will harness all efforts and experiences to make the Expo 2020 Dubai successful and boost the UAE's image. This is part of the vision of His Highness Sheikh

Mohammed bin Rashid Al Maktoum to host the best edition of world Expo in Dubai and to make the experience of Dubai visitors unforgettable, under the wise leadership's vision and directives as well as combined efforts among national entities. We believe the Expo 2020 Dubai will be a global platform that develops innovative solutions for different challenges facing the world. This ensures a brighter future for generations to come,” added Al Tayer.

Al Tayer said that DEWA's pavilion at Expo 2020 Dubai will highlight its innovative projects and initiatives especially in clean and renewable energy as well as the Fourth Industrial Revolution technologies to disrupt the business model of utilities and become the world's first digital utility.

DEWA enhances the role of Emirati engineers in the energy sector to support its projects at Expo 2020 Dubai



Maha Mohammad Khalil Ahli



Nouf Ali Ibrahim Abdalla

DEWA's efforts to empower Emirati women and support their representation in the energy sector increases the contribution of DEWA's Emirati female employees to achieve its goals and strengthen its global role in the utility sector. As part of hosting the Expo in Dubai, DEWA completed several mega projects. The Emirati female engineers at DEWA have demonstrated loyal and constructive efforts to support DEWA's goals to achieve the wise leadership's vision to host the best edition of Expo in Dubai. Female engineers play a substantial role in completing several mega projects by DEWA. DEWA provides a competitive environment based on competency, excellence, dedication and recognition. This enhances their role in expediting DEWA projects which support sustainable energy for the facilities at the Expo according to the highest standards of availability, reliability, and efficiency.

HE Saeed Mohammed Al Tayer, MD & CEO of DEWA, praised the efforts of Emirati female engineers who leave a legacy behind after constructing three substations at the Expo 2020 Dubai site, as well as other DEWA projects in its capacity as the Official Sustainable Energy Partner of Expo 2020 Dubai. The cost of DEWA projects at Expo 2020 Dubai has reached AED 4.26 billion.

“Emirati women's achievements have become an inspiring global model of

effective national work as well as a source of inspiration for current and future generations. These achievements would not have been possible without the female empowerment journey initiated by the late Founding Father Sheikh Zayed bin Sultan Al Nahyan. The directives of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, ensure this empowerment journey continues, with opportunities for both genders in a positive and motivational environment. At DEWA, we adopt fair policies and an inclusive environment for men and women equally. The number of female employees at DEWA has reached 1,943 women working across different divisions. This number includes 720 women in the technical and engineering department, with 311 women holding senior positions at DEWA. Emirati women constitute 81.5% of the total female workforce at DEWA. Emirati women at the R&D Centre constitute 34.2% with high degrees in scientific and engineering fields,” added Al Tayer.

“My work for the Expo 2020 Dubai focused on planning and extending high voltage cables at DEWA's 132/11 KV substations at Expo site. I worked closely with the team at Expo 2020 Dubai to align the work track with the wise leadership's vision to organise an exceptional edition of this world-class event, commit to DEWA's high international standards, and consolidate

DEWA's leadership and excellence,” said Maha Ahli, Engineer, Power NOC & Estimation Department, Distribution (Power) at DEWA.

“As a specialised engineer in planning power distribution projects, I participated in scheduling and implementing the three substations in addition to coordinating with technical teams at DEWA and the Expo 2020 committee to complete all the work within the given timeframe. My work for Expo 2020 Dubai has expanded my experience in engineering and fieldwork. It has also strengthened my communication skills. I want to thank the top management of DEWA for their efforts to employ women in the engineering and technical division, localise these specialisations and prepare capable Emiratis to meet DEWA's needs,” said Fatima Mohamed Hilal, from Engineer, Project and Engineering Department, the Distribution (Power) division at DEWA.

“Emirati women proved their competency in different areas from science to research and even space. Expo 2020 Dubai is a new historic challenge and accomplishment through which Emirati women have made outstanding achievements. My role focused on supervising the construction and civil work as well as follow-up and coordination to ensure all notes were considered,” said Jawaher Alzahrani, Engineer, Distribution Assets Management Department, Distribution (Power) at DEWA.

“I worked on following-up on the three substations and conducted regular visits to ensure the safety and effectiveness of all devices used. This is according to the highest quality, safety, and security standards. I also coordinated with the emergency team to ensure their effective and immediate response. I look forward to the Expo's launch and reap the harvest of our efforts by impressing the world during the largest and most popular world event,” said Nouf Abdalla, Distribution Assets Management Department, Distribution (Power) at DEWA.



1,200 companies from 55 countries to take part in WETEX and Dubai Solar Show organised by DEWA from 5-7 October

- The exhibition covers over 29,200 square metres at Dubai Exhibition Centre at Expo 2020 Dubai
- 60 sponsors and 10 country pavilions in the largest exhibition of its kind in the region
- Free access to exhibition on registration

HE Saeed Mohammed Al Tayer, MD & CEO of DEWA and Founder and Chairman of the Water, Energy, Technology, and Environment Exhibition (WETEX) and Dubai Solar Show, announced that 1,200 companies from 55 countries will take part in the 23rd WETEX and Dubai Solar Show. DEWA organises the exhibition under the directives of HH Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai; and under the patronage of HH Sheikh Ahmed bin Saeed Al Maktoum, Chairman of the Dubai Supreme Council of Energy,

from 5 to 7 October 2021 at Dubai Exhibition Centre at Expo 2020 Dubai.

Al Tayer made the announcement during a press conference at the Armani Hotel in Dubai. Members of the organising committee, a number of strategic partners, sponsors, exhibitors, and the media were present.

"This edition of the exhibition is an exceptional opportunity for sponsors, exhibitors, and visitors to be part of the first Expo in the Middle East, Africa and South Asia and one of the first major events since the start of the COVID-19

pandemic. The UAE, thanks to the vision of its wise leadership, was one of the first countries to recover from the pandemic. Thanks to the support of His Highness Sheikh Mohammed bin Rashid Al Maktoum, WETEX and Dubai Solar Show has become the largest exhibition for water, energy, sustainability and innovation technologies in the region and one of the largest specialised exhibitions worldwide. It reflects Dubai's commitment to supporting global efforts to increase the share of renewable energy and promote sustainability in line with the vision of the wise leadership to promote sustainable development

in the UAE and consolidate Dubai's position as a global hub for the green economy. This also supports the Dubai Clean Energy Strategy 2050, which aims to provide 75% of Dubai's total power capacity from clean energy sources by 2050. WETEX and Dubai Solar Show 2021 coincides with Year of the 50th, where we celebrate 50 years of the UAE Foundation and the beginning of a new developmental phase in preparation for the next 50 years," said Al Tayer.

"The Principles of the 50, approved by the wise leadership last week, states that our focus over the upcoming period will be on building the best and most dynamic economy in the world and that the economic development of the country is of supreme national interest. That's why, WETEX and Dubai Solar Show is an important opportunity for organisations, companies and investors in the water, environment, oil, gas, conventional and renewable energy, green development, and related technologies to present their solutions and products, make deals, build partnerships, promote green technologies, review the latest technologies and innovations, learn about opportunities for empowering

startups to anticipate the future of green energy. They can benefit from the best global experiences in the energy and water sectors, learn about the market needs in light of the expansion in renewable and clean energy technologies in the UAE and the region as a whole. The exhibition also enables visitors to benefit from the busy agenda of specialised seminars and workshops with experts and specialists in the green economy, smart cities, innovation, and sustainable development, among other topics," added Al Tayer.

Al Tayer noted that WETEX coincides with the 7th World Green Economy Summit organised by DEWA and the World Green Economy Organization in collaboration with international partners on 6 and 7 October 2021 under the theme 'Galvanising Action for a Sustainable Recovery'. An array of officials, decision-makers, and experts from around the world will discuss sustainable development mechanisms and international cooperation for a global green economy.

"We've learned from our wise leadership of the importance of turning challenges into opportunities. Last year, we

organised WETEX and Dubai Solar Show on a 3D virtual platform. The carbon-neutral exhibition achieved remarkable success and a large turnout. It attracted 1,076 exhibitors from 52 countries and 63,058 visitors from around the world. This year, we are pleased to organise the event in person while taking into consideration the health and safety of all visitors and participants. This year's exhibition covers over 29,200 square metres. More than 1,200 companies from 55 countries and 60 sponsors are participating in addition to 10 country pavilions," concluded Al Tayer.

Al Tayer thanked the partners, sponsors, and exhibitors of WETEX and Dubai Solar Show. He commended the media establishments that have been DEWA's partners in WETEX' success over the past 22 years and contributed to establishing its position as a global hub providing unique opportunities for investors to expand their business and activities from the UAE, the land of opportunities, ambitions and the best place to live, work, and do business.

Entry to WETEX and Dubai Solar Show is free. However, visitors need to pre-register on www.wetex.ae/Register





Wide international participation in 7th World Green Economy Summit on 6-7 October 2021

For the 1st time, WGES will be held in person and virtually, to allow the largest number of participants from all over the world to benefit from its activities

On 20 September, 2021, at a press conference, HE Saeed Mohammed Al Tayar, MD & CEO of DEWA and Chairman of the World Green Economy Summit (WGES) confirmed that preparations are complete for the 7th WGES, one of the largest green-economy-centric events in the world. WGES is organised by DEWA and the World Green Economy Organization (WGEU) in partnership with the UN Development Programme. It will take place on 6-7 October 2021 at Dubai Exhibition Centre, Expo 2020 Dubai. The 7th WGES will be organised both in person and virtually to allow the largest number of participants from all over the world to take part in the

summit's activities and events.

Al Tayar made this announcement during a press conference by WGES organising committee. HE Dr Abdullah Belhaif Al Nuaimi, Minister of Climate Change and Environment, also delivered a speech at the event. HE Ahmed Buti Al Muhairbi, Secretary General of the Dubai Supreme Council Energy; HE Saif Humaid Al Falasi, CEO of Emirates National Oil Company (ENOC); Ali Rashid Al Jarwan, CEO of Dragon Oil, Waleed Bin Salman, Vice Chairman of WGEU; Abdulrahim Al Qassimi, Director, WGEU; Dr Eesa Bastaki, President of the University of Dubai & Chairman of Academia and Youth Platform at WGEU; and Aileen

Culligan, Programme Director MEA, The Economist Events also attended.

WGES instrumental in advancing the transition to a green economy

"In a relatively short time, WGES has become instrumental in advancing the transition to a green economy and collective climate action. The new summit is exceptional, as it coincides with Expo 2020 – a global benchmark for sustainability, the UAE's celebration of its golden jubilee, and the drive to shape the upcoming five decades to ensure a better future for the current and next generations," said Al Nuaimi in his speech.

"The international community is gearing up to evaluate the progress of its fight against climate change during the 26th Conference of the Parties (COP26) to the United Nations Framework Convention on Climate Change, set to run in a few weeks in the UK. We hope that this WGES will – as always – provide a key platform for showing successful models, experiences, and directions that can advance the global shift to green economy with the ultimate goal of protecting the environment and ensuring its sustainability," he added.

Al Nuaimi added that the Ministry of Climate Change and Environment is pleased to partner with DEWA and WGEU to organise and manage Climathon 2021 during the upcoming WGES in line with the directives of the wise UAE leadership to leverage innovation to tackle challenges. The initiative aims to bring together entrepreneurs and innovators to show trailblazing clean technologies to address environmental challenges.

Al Nuaimi commended WGEU and DEWA for their commitment to making the annual WGES a resounding success and highlighting the UAE's pioneering green economy model to the world.

Supporting the UAE's efforts to achieve sustainable development

"Organising the World Green Economy Summit supports the vision of His Highness Sheikh Khalifa bin Zayed Al Nahyan, President of the UAE, and is under the patronage of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai. This summit strengthens the UAE's efforts to achieve sustainable development, raising its leading position in green innovation, and advancing Dubai's reputation as a global hub for green economy. This also aligns with the strategies and objectives of the UAE Centennial 2071, the Dubai Clean Energy Strategy 2050, and Principles of the 50, to define the UAE's strategic direction for the next 50 years, as well as its economic, political and development course. The 7th WGES will combine and synergise our efforts. It will also coordinate regional and international attempts to shift towards a green economy, especially at a time when the UAE has demonstrated its ability to be a global role model in dealing with crises

and overcoming difficulties. The UAE has succeeded in turning challenges into opportunities and achievements. This was evident in its handling of the COVID-19 pandemic. The UAE has presented best practices that will bring about fundamental positive changes to our planet. This year's summit will increase effective cooperation in innovation, technology, and green finance, to support sustainable development efforts and encourage fruitful partnerships between the public and private sectors. This supports the United Nations Sustainable Development Goals, ahead of the 2021 United Nations Climate Change Conference (COP26). It also supports global efforts to combat climate change and global warming. And it will form the foundations of a green economy and a sustainable future for us all," said Al Tayar in his keynote speech.

"The 7th World Green Economy Summit builds on the successes of its previous six summits. It will include high level panel discussions, conversations, and seminars on developing innovative sustainable solutions. It will stimulate innovation to support sustainable development to

achieve a balance between economic growth and sustainability of natural and environmental resources and reducing waste, and it will anticipate the future of a green economy. These all take into account the Dubai Declaration, which is the strategic commitment that is the basis for the Summit and its progress. The Dubai Declaration includes participants' recommendations, the summit's conclusions as well as its milestones and activities. The summit's new theme 'Galvanising Action for a Sustainable Recovery' shows the vision and directives of the UAE's wise leadership to find effective solutions to challenges that hinder the transition towards a green economy. These solutions will consolidate the principles of sustainability, lay the foundations for a green economy, reduce the carbon footprint, strengthen Dubai's position as a global hub for accelerating the pace of sustainable development and stimulate quality investments in green economy. Most importantly, they will strengthen international cooperation in facing these global challenges, especially those centred on climate change and the environment," added Al Tayar.

FEATURE STORY



Al Tayer noted that global leaders and influential figures will attend the 7th WGES this year and take part in seminars and panel discussions to address the four main themes of the summit: Youth; Innovation & Smart Technologies; Green Economy and Policies, and Green Finance. The Climathon 2021 challenge will also take place during the summit, hosted by the World Green Economy Organization, in collaboration with UAE Ministry of Climate Change and Environment and Ideanco. It will also take place virtually across global cities to transform climate challenges into opportunities by working closely with innovators around the world to find global, impactful solutions for the world's significant challenges in air

pollution, mobility, and agribusiness," added Al Tayer.

"I extend my sincere thanks and appreciation to the Ministry of Climate Change and Environment and the sponsors, partners and the media who share with us the same vision and goals to find effective solutions and achieve a safer and more sustainable future for generations to come," concluded Al Tayer.

Convening business, policy and civil society leaders from across the globe

"The 2021 World Green Economy Summit will lead the conversation on sustainability with a solution-focused

programme to help organisations realise their green strategy with actionable business insights. Convening business, policy and civil society leaders from across the globe, this year's summit will provide actionable insights and solutions to help regional businesses on their path to greater sustainability," said Aileen Culligan, Programme Director MEA, The Economist Events.

WGES 2021 will be held in conjunction with the 23rd Water, Energy, Technology, and Environment Exhibition (WETEX) and Dubai Solar Show, which DEWA organises from 5-7 October 2021 at Dubai Exhibition Centre at Expo 2020 Dubai.

FEATURE STORY

WGES in Dubai supports the UAE's effort to find sustainable solutions for the world's challenges

The World Green Economy Summit (WGES), organised by DEWA and the World Green Economy Organisation (WGEO), under the patronage of HH Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, plays a key role in promoting a green economy and enhancing green projects in the UAE and the region. The WGES is a strategic platform to support international collaboration in fighting global challenges, enhancing sustainable development, investing in the green economy, adopting effective policies, plans and initiatives. The WGES attracts current presidents, global leaders and influencers. It also brings together thousands of experts and opinion leaders in different areas of the green economy and sustainable development.

These include CEOs, partners, financial institutions, and global market representatives, besides business leaders and international experts from the public and private sectors, to discuss urgent issues such as climate change, global warming, aligning energy policies with sustainable development goals, and the action needed to build a sustainable future. Together, they exchange views on successful sustainability strategies, systems and policies, and the possibility of propagating and upscaling them. WGES also discusses how to fight challenges and utilise opportunities to support the shift towards a green economy. Each year, WGES wraps up by issuing the Dubai Declaration, which includes the participants' recommendations, the summit conclusion as well as its milestones and activities.

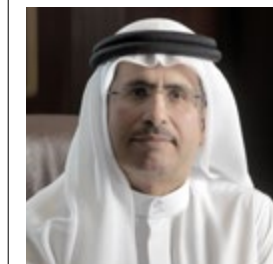


HH SHEIKH AHMED BIN SAEED AL MAKTOUM

Chairman of the Dubai Supreme Council of Energy

"The World Green Economy Summit (WGES) is held under the patronage of HH Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai. It is one of several initiatives that the UAE launches to support an effective transition towards a green economy. The 7th WGES is special because it coincides with Expo 2020 Dubai and Year of the Fiftieth and our celebration of the Golden Jubilee, and fifty years of our pioneering development. Our joint efforts enhance international and regional partnerships to make the green economy a major part of the UAE's economy to achieve economic, environmental and social sustainability, besides social wellbeing. We are sure that the Summit will strengthen its role as a global forum that enhances international collaboration and the setting of the next

global agenda in different areas, including providing more opportunities to achieve sustainable development and ensure a green future that makes people happy everywhere," said HH Sheikh Ahmed bin Saeed Al Maktoum, Chairman of the Dubai Supreme Council of Energy and Chairman of the Expo 2020 Dubai Higher Committee.



HE SAEED MOHAMMED AL TAYER

Vice Chairman of the Dubai Supreme Council of Energy, and MD & CEO of DEWA

"The UAE has a leading position to support global efforts in clean and renewable energy through its strategies and investments in this area. The UAE has played a key role in the negotiations that led to the Paris Agreement. It has presented its Nationally Determined Contributions (NDCs) to the UN Framework Convention on Climate Change (UNFCCC). The UAE's hosting of the Regional Climate Dialogue in

April 2021 is a new reflection of its role in fighting climate change, the commitment to focusing on climate change as an issue, and achieving the UN Sustainable Development Goals 2030. The event comes amid the extraordinary circumstances imposed by the COVID-19 pandemic and the urgent need to merge international efforts to accelerate recovery, find smart and sustainable solutions to mitigate climate change effects. The UAE's endeavour to host the 28th Climate Change Conference (COP28) in Abu Dhabi in 2023 reflects the UAE's efforts to find out global solutions for the challenges that face the planet," said HE Saeed Mohammed Al Tayer, Vice Chairman of the Dubai Supreme Council of Energy in Dubai, and Chairman of WGES.



HE SUHAIL MOHAMED FARAJ AL MAZROUEI,

Minister of Energy and Infrastructure

"The UAE is one of the leading countries

FEATURE STORY

in the world supporting the green economy system and international efforts in the field of clean energy. It has set its long-term goals in the field of energy, and for this, it has launched the National Energy Strategy 2050, through which it seeks to reduce energy demand by 40%, raise the contribution of clean energy in the total energy mix produced in the country to 50%, and create a mix of energy," said HE Suhail Al Mazrouei, Minister of Energy and Infrastructure.



DR. SULTAN AL JABER,

Minister of Industry and Advanced Technology and UAE Special Envoy for Climate Change

"The World Green Economy Summit has made a valuable contribution in support of the UAE's efforts to advance the UN Sustainable Development Goals, with a particular focus around renewable and clean energy solutions. The Summit also provides a great platform to enhance international cooperation, which is a key enabler for enhancing sustainable development," said Dr. Sultan Al Jaber, Minister of Industry and Advanced Technology and UAE Special Envoy for Climate Change.



HE AHMED BUTI AL MUHAIRBI,

Secretary-General of the Dubai Supreme Council of Energy

"The momentum observed worldwide in recent years to accelerate the implementation of the Paris Agreement, adopted during Conference of the Parties (COP 21), reflects the importance of establishing policies and

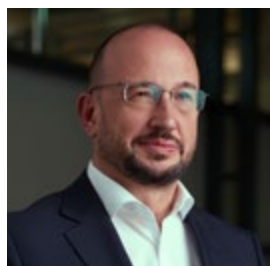
mechanisms that guarantee sustainable development and the transition to a green economy. The role of the private sector in implementing renewable energy projects has been one of the most important ingredients for success, which reflects the reputation and position of the UAE globally in attracting the largest companies and using the latest technologies. WGES provides the ideal and unique platform for exchanging experiences and aligning efforts that support the regional and global agenda for sustainable development," said HE Ahmed Buti Al Muhairbi, Secretary-General of the Dubai Supreme Council of Energy.



MOHAMMAD ABDULLAH ABUNAYYAN,

Chairman of ACWA Power.

"WGES aligns naturally with Dubai's strategy to balance economic growth and environmental sustainability and has historically played a significant role supporting the UAE's efforts as it seeks to fulfil the UN Sustainable Development Goals 2030 and the Emirates Green Agenda 2030. ACWA Power is proud to have supported the event through the years, reinforcing our robust strategic partnership with DEWA and our commitment to supporting the development of Dubai's trailblazing sustainable development," said Mohammad Abdullah Abunayyan, Chairman of ACWA Power.



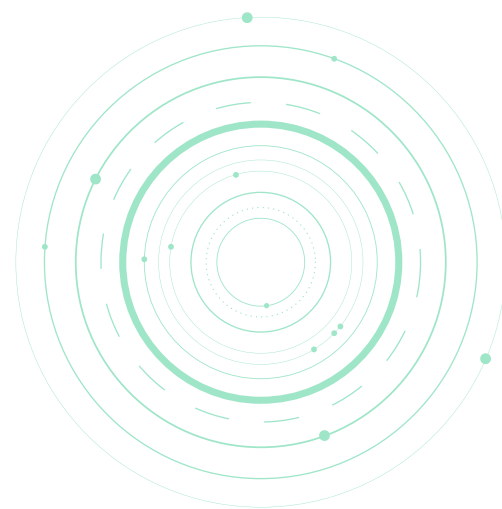
DIETMAR SIERSDORFER,

Managing Director, Siemens Energy Middle East

"Global forums such as WGES are vitally important in bringing together global experts from the public and private sectors to exchange views to accelerate the energy transition. Climate change is a global threat that we must confront through the rapid development of the global green economy and the enhancement of green projects. At Siemens Energy, we believe that we can only be successful through dedicated collaboration. With strong partners like the UAE taking action to foster dialogue, we will make steady progress," said Dietmar Siersdorfer, Managing Director, Siemens Energy Middle East.

The 7th WGES will be held on 6 and 7 October 2021 at Dubai Exhibition Centre (DEC), Expo 2020 Dubai. A 45,000 sqm, world-class, multipurpose space that will be a major draw for the MICE industry during Expo 2020 and beyond – and a significant symbol of Expo's long-term business and tourism legacy – DEC recently held its first ever event on 4-5 May, hosting delegates from across the globe at the final International Participants Meeting before Expo 2020 opens its doors on 1 October 2021.

This WGES will benefit from being held during Expo 2020 Dubai, an incubator for new ideas that is committed to bringing the world together to solve some of our biggest challenges – helping to consolidate Dubai's position as the capital of the global green economy.



FEATURE STORY



The UAE supports global innovation with international conferences and awards that recognise sustainable solutions

The UAE celebrates innovators and bright minds from around the world. It attracts and encourages them to provide innovative and sustainable solutions to global humanitarian and development challenges to ensure a brighter future for humanity. The awards that the UAE offers are a major factor in consolidating its position as an international hub for innovation, an attractive destination for creative minds, and an incubator for innovators from all over the world. These awards contribute to presenting effective projects and programmes to overcome and address the challenges humanity faces today. They also introduce sustainable solutions that enable societies around the world to cross into a future that offers opportunities for success and progress.

HE Saeed Mohammed Al Tayar, MD & CEO of DEWA, said that the numerous

awards launched by the UAE show the growing role of the country and its wise leadership in transforming challenges into opportunities. They also reflect the visionary leadership of HH Sheikh Khalifa bin Zayed Al Nahyan, President of the UAE; HH Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai; and HH Sheikh Mohamed bin Zayed Al Nahyan, Crown Prince of Abu Dhabi and Deputy Supreme Commander of the UAE Armed Forces. Through the awards, the UAE hopes to awaken the enthusiasm of individuals, bodies and organisations and enhance their social responsibility, as well as encourage global innovation, research and development (R&D), and adoption of the latest disruptive technologies of the Fourth Industrial Revolution, to ensure a more sustainable future for the whole world.

"The repercussions of the COVID-19 pandemic have underlined the need to intensify global efforts to protect our planet. All the countries worldwide share the same fate. Therefore, there is a need for all of us to adopt green and sustainable policies, make smart investment in our natural resources to protect them from depletion, and reduce waste. The UAE has made considerable progress in the expansion of its clean and renewable energy projects, increasing digitisation and the use of the Fourth Industrial Revolution technologies, promoting world-class infrastructure with the highest levels of reliability, efficiency and availability, and achieving leading results in its carbon emission reduction efforts. The UAE prioritises sustainable development and securing energy supply, to achieve the goals of the UAE Centennial 2071 to make the UAE the world's leading nation," added Al Tayar.

FEATURE STORY

Many international awards have been launched from the UAE. They have significantly stimulated innovations and led to effective solutions to challenges impeding sustainable growth. Some of the most prominent of these awards are:

Zayed Sustainability Prize

The UAE's wise leadership launched the Zayed Sustainability Prize in 2008 to honour the legacy and vision of the late Sheikh Zayed bin Sultan Al Nahyan to lay a solid foundation for sustainability. The prize honours global small and medium enterprises (SMEs), non-profit organisations, and high schools that present innovative, sustainable solutions capable of making a positive societal impact. Over 13 years, the prize honoured 86 winners whose innovative sustainable solutions and outstanding school projects have made a difference, directly or indirectly, to the lives of over 352 million people around the world. The Prize consists of five categories: health, food, energy, water, and global high schools. The 2022 winners will be announced during Abu Dhabi Sustainability Week in January 2022.

The World Green Economy Summit

The World Green Economy Summit (WGES), which is organised by DEWA and the World Green Economy Organisation (WGEO) under the patronage of HH Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, plays a key role in raising awareness on green economy and promoting green projects in the UAE

and the region. WGES, which is held this year under the theme 'Galvanizing Action for a Sustainable Recovery,' is a strategic platform to support international collaboration to address global challenges, enhance sustainable development and green economy investments, as well as encourage the adoption of effective relevant policies and plans.

WGES attracts country heads, leaders, and influencers from across the globe. The event also draws thought leaders, specialists and experts in green economy and sustainable development along with CEOs, stakeholders, financial institutions, representatives of global markets, business leaders, and experts in the public and private sectors. They discuss pressing topics, most prominent of which are climate change and global warming. In addition, they examine energy policies in alignment with Sustainable Development Goals (SDGs) while identifying the work required to build a sustainable future. The summit enables exchange of opinions on successful sustainability strategies, systems and policies for possible re-implementation and expansion. The attendees also discuss the different effective methods to face challenges and maximise available opportunities to drive the transformation towards green economy.

The 7th WGES will take place on 6-7 October 2021 at Expo 2020 Dubai, coinciding with Expo 2020, this year's summit is expected to have a wider reach compared to previous ones. This will improve WGES' success in promoting Dubai's position as a global hub for green economy.

The Emirates Energy Award

Under the patronage of HH Sheikh Mohammed bin Rashid Al Maktoum, the Dubai Supreme Council of Energy launched the Emirates Energy Award (EEA) to encourage individuals and establishments in the Middle East and North Africa to rationalise their energy and resource consumption, as well as highlight best practices in energy efficiency, clean energy, sustainability and environmental conservation. EEA recognises the efforts of individuals and the public and private entities to enforce energy-efficient projects. It also promotes relevant education, scientific research, and creative ideas. With the theme 'Inspiring Innovation for Sustainable Energy,' the 4th EEA will highlight Dubai's role in supporting and implementing strategies designed to use renewable energy and energy technologies.

HE Ahmed Buti Al Muhairbi, Secretary General of the Supreme Council of Energy said that EEA with its categories provides individuals and entities with an international platform to show their innovative and sustainable solutions to environmental pollution and global warming on top of their work to reduce carbon emissions and the consumption of finite natural resources.

"We strive to enhance the position of the EEA by sharing the efforts and innovations of experts and stakeholders with regional and global energy communities. Our goal is also to cement the leading role of Dubai and the UAE in energy efficiency and sustainability. We look forward to offering advanced models and expertise to mark a new beginning for the region's energy sector," he added.

NEWS - ACHIEVEMENTS

DEWA wins two awards at the 12th Global Continual Improvement & Innovation Symposium & Award 2021

In a new testimony of its excellence in the field of innovation, DEWA won two awards during the 12th Global Continual Improvement & Innovation Symposium & Award 2021, organised by the Continual Improvement Subgroup of Dubai Quality Group (DQG) under the theme of 'Excellence in Crisis'.

DEWA was recognised for its achievements during a virtual award ceremony organised under the patronage of HH Sheikh Ahmed Bin Saeed Al Maktoum, President of Dubai Civil Aviation Authority, Chairman of Dubai Airports, Chairman and Chief Executive of Emirates Airline and

Group, and the honorary sponsor of DQG. In the innovation category, DEWA won for its 'Autonomous Soiling Detector of PV Panels' prototype; while

it earned the second award in the Kaizen category for its 'Distribution Automation Implementation through RMU Motorization' initiative.



Mai Dubai launches fastest bottled water production line in the region



The newly opened facility leverages Sidel's state-of-the-art 'Super Combi' technology to produce a maximum output of 86,000 bottles per hour. Mai Dubai is going to capitalise on this top-level performance to expand its bottled water business and cement its lead in the industry.

Mai Dubai, the leading bottled water company fully owned by DEWA, has made a landmark milestone with the launch of the fastest bottled water production line in Asia, Oceania, and Africa (AOA) region.

HE Saeed Mohammed Al Tayer, MD and CEO of DEWA, inaugurated Mai Dubai's game-changing water line, which was completed in collaboration with Sidel, leading provider of equipment and services solutions for packaging beverage, food, home and personal care products in PET, can and glass.





DEWA wins 24 local, regional and international awards in first half of 2021

DEWA received 24 local, regional, and international awards in the first half of 2021. This achievement results from following the leading work approach of the Government of Dubai. DEWA's Jebel Ali Power Generation & Water Production Complex has been confirmed by Guinness World Records as the largest single-site natural gas power generation facility in the world. The Complex has an electricity generation capacity of 9,547 MW, adding to DEWA's record of global achievements. This record increases the total number of awards won by DEWA to 348 awards from 2015 until the

first half of this year, including 62 local awards, 63 regional awards, and 223 international awards.

HE Saeed Mohammed Al Tayer, MD & CEO of DEWA, said that its achievements are the result of its hard work to achieve the first rank for the UAE, following the directives of HH Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai. These achievements are also aligned with the Eight Principles of Governance, and the Fifty-Year Charter, designed to ensure the prosperity

and happiness of Dubai, with solid foundations for comprehensive and sustainable development, to make Dubai the smartest and happiest city in the world, and make the UAE the best country in the world by its centenary in 2071.

"DEWA has a track record of global achievements. Dubai recorded the world's lowest Customer Minutes Lost (CML) of 1.66 minutes per year; the lowest electricity transmission- and distribution-network-line losses of 3.3%, and one of the lowest water-network

losses of 5.1%. Fuel Heat Utilisation in DEWA's power plants reached 90%. The UAE, represented by DEWA, has maintained its first global ranking for the third consecutive year, with scores of 100% in all Getting Electricity indicators in the World Bank's Doing Business 2020 report. The report measures the ease of doing business in 190 economies around the world. DEWA spares no effort to achieve the wise leadership's vision to advance government work in all organisations and entities in Dubai, as well as enhance our vision to become a globally leading sustainable innovative corporation," said Al Tayer.

"At DEWA, we work within the main three themes of the fourth generation of government excellence system, as a reference for all of its government excellence programmes, to make people happy. We adopt pioneering excellence, creativity and innovation in our daily operations to consolidate DEWA's position as one of the best utilities in all areas worldwide, and embark on more advanced phases of excellence and leadership," said Waleed Salman, Executive Vice President of Business Development and Excellence at DEWA.

The awards DEWA won in the first half of 2021 include three diamond awards from the Harvard Business Council, organised by the Harvard Business Council in New York, with the highest score. This is one of the most prestigious international awards that focus on total quality management. It evaluates organisations across different sectors in terms of their excellence, adopting best practices, and providing high-quality services and products. DEWA won the 'Organisational', 'Innovation', and 'Dealing with COVID-19' awards.

The fifth phase of the Mohammed bin Rashid Al Maktoum Solar Park, the largest single-site solar park in the world, received the 'MENA Renewable Deal of the year' at IJ Global Awards. The Solar Park will have a capacity of 5,000 megawatts in 2030. DEWA also won the '2020 Middle East and Africa Renewable Deal of the Year' by Project Finance International, organised by Thomson Reuters Foundation.

DEWA won the Hamdan bin Mohammed Programme for Government Services Flag in 2020 for its Smart Living initiative. It also won a Global Business Excellence Award for Outstanding Innovation from Awards Intelligence in the UK for the Smart Living initiative. The initiative enables customers to follow a sustainable lifestyle, self-monitor and control their consumption of electricity and water proactively and digitally, as well as resolve all triggers of high consumption without contacting DEWA.

DEWA also received the UAE Ideas Award for innovation and promoting business, in recognition of its deployment of special double T-Connectors for quick restoration of electricity during emergencies. DEWA received the highest Global Award from the European Foundation for Quality Management (EFQM) for the second time. DEWA maintained its position in the Platinum category, which includes leading companies and institutions that promote excellence. DEWA was the first organisation outside Europe to receive this prestigious global award, the highest award from the EFQM Excellence Model. It also won the EFQM UN Sustainable Development Goals Challenge 2021. DEWA also won the 2021 USGBC

Leadership Award for Middle East which aims to recognise leaders that develop green and sustainable buildings to improve the quality of life.

DEWA won the Grand Globee at the 8th Annual 2021 Customer Sales and Service World Awards as well as four gold awards in the following categories: Handling Complaints Customer Service & Support Team of the Year; Best Customer Engagement Initiative of the Year; Customer Service Training or Coaching Programme of the Year; and Contact Centre of the Year. It won a silver award for Best New Product or Service for Customer Service, and a bronze award for Company Rethinking of the Year, Customer Service & Support During COVID-19. DEWA also won four awards at the 13th Annual Golden Bridge Business and Innovation in San Francisco, USA. It won two golden awards: Achievements in User Experience, and Aggregation Solution and Information Technology Project or Initiative. DEWA won the Best Customer Focus award at the Best Business Awards, one of the most prestigious awards in the UK for its Hab-Reeh Web Service, a smart interactive platform for the self-assessment of photovoltaic designs. This is part of the Shams Dubai initiative, to encourage building owners to install solar photovoltaic rooftop energy systems and connect them to DEWA's grid.

DEWA's virtual AI employee Rammas won two awards at the ICMG Global Enterprise and Digital Architecture Excellence Awards 2020 in Digital IT - AI Enabled Solution 2020 and Best Digital Architecture in Support Function.



DEWA completes AED 23.1 million water pumping station at Mohammed bin Rashid Al Maktoum Solar Park

DEWA has completed the Water Pumping Station project at the Mohammed bin Rashid Al Maktoum Solar Park. The station has a capacity of 7.5 million imperial gallons of water per day (MIGD). It cost AED 23.1 million.

HE Saeed Mohammed Al Tayer, MD & CEO of DEWA, said that the pumping station uses the latest world-class technologies as well as energy efficiency. Al Tayer emphasised that DEWA continues to develop the water network across all areas of Dubai through water production, transmission, and distribution projects according to the highest standards of availability, reliability, and efficiency.

This is to meet the rapid growth and keep up with the growing demand for water in all areas of the Emirate through specific and reliable planning processes based on the latest foresight tools. Electricity and water infrastructure expansion plans are developed based on demand forecast in Dubai until 2030.



DEWA's water laboratory at Sustainable Building receives ISO/IEC 17025:2017 certification

DEWA's water laboratory, based at its Sustainable Building in Al Quoz, has received the ISO/IEC 17025:2017 certification for laboratories. The ISO and the Emirates International Accreditation Centre (EIAC) uses the standard to define the requirements for the efficiency of testing and calibration laboratories. It ensures the technical compliance and efficiency of laboratories. This new achievement underlines DEWA's position among major utilities worldwide.

new achievement by DEWA's water laboratory at DEWA's sustainable building is a new addition to our track record of global achievements. It reflects our relentless efforts to achieve sustainable excellence, promote DEWA's excellence and global competitiveness," said HE Saeed Mohammed Al Tayer, MD & CEO of DEWA, after receiving the certification.

DEWA attaches great importance to the quality of water produced at Jebel Ali desalination plants until it reaches customers. The water laboratory of the Water and Civil division monitors the quality of drinking water by taking daily samples and examining them based on monthly and annual plans. Samples are collected from DEWA's reservoirs and water network through fixed points directly connected to the water network across Dubai. This ensures the quality of water and its compliance to international biological and chemical standards. The lab also has a smart system to monitor water quality round the clock.

RSB Dubai grants ENGIE Solutions first accreditation under Building Energy Management Accreditation Scheme

The Regulatory & Supervisory Bureau for Electricity and Water in Dubai (RSB) has granted ENGIE Solutions, a subsidiary of the global French energy company ENGIE, the first accreditation under the Building Energy Management Accreditation Scheme. ENGIE provides low-carbon energy services and innovative integrated solutions for facility management.

HE Saeed Mohammed Al Tayer, Vice Chairman of the Dubai Supreme Council of Energy, congratulated ENGIE Solutions for receiving the first accreditation under the Building Energy Management Accreditation Scheme.



NEWS - ACHIEVEMENTS

DEWA installs over 2 million electricity and water smart meters

HE Saeed Mohammed Al Tayer, MD & CEO of DEWA, announced that the organisation has installed more than 2 million electricity and water smart meters in Dubai. This is part of DEWA's efforts to develop a state-of-the-art digital infrastructure according to the highest international standards. Smart meters increase efficiency and reduce consumption, as well as enable customers to monitor their consumption anytime and anywhere. DEWA has also started operating the Smart Meters Analysis and Diagnosis Centre, where smart meters are read and monitored remotely every 15 minutes.

"We have an integrated strategy for smart grids with investments up to AED 7 billion that will be completed in the short, medium, and long-term until 2035. The strategy includes different programmes such as Advanced Metering Infrastructure for Electricity, Advanced Metering Infrastructure for Water, Asset Management, and Big Data, among others. DEWA launched the 'Smart Applications through Smart Meters and Grids' initiative to support the Smart Dubai initiative to make Dubai



the smartest and happiest city in the world. In addition to their role in smart transformation, operational efficiency and reducing water losses, smart meters provide many benefits to customers and help them monitor, manage, and control their consumption proactively and digitally without the need to contact DEWA. This contributes to reducing consumption and sustainability of resources," said Al Tayer.

Smart meters help customers benefit from the Smart Living initiative launched by DEWA. This year, the initiative received the Hamdan bin Mohammed Program for

Government Services Flag 2020. It helps customers monitor their consumption independently, simply by logging into their DEWA accounts on the website or smart app, check their data dashboard to monitor consumption, know more about residential customer tariff slabs, get conservation tips, and develop their conservation plans. Customers also benefit from the 'My Sustainable Living' programme, which has a positive impact on customers who can compare their consumption with similar homes. Customers can also make use of 'DEWA Store' offers to purchase energy and water-saving devices.

New water connections in Dubai double between 2016 and 2020 despite Covid-19 challenges



in 2016 to 911,509 by the end of May 2021; an increase of around 37%. The growth of water demand is due to new projects across different economic sectors.

DEWA maintains a surplus in production to meet the reserve margin for peak water demand. DEWA's installed capacity of desalinated water is 490 Million Imperial Gallons per Day (MIGD). Peak water demand has reached 378 MIGD.

DEWA currently has 43 Multi-Stage Flash (MSF) water desalination units with a total production capacity of 427 MIGD of water at the D-, E-, G-, K-, L, and M Stations. It also has 2 SWRO plants with a production capacity of 63 MIGD. DEWA's total production capacity of desalinated water is 490 MIGD at the Jebel Ali Power Plant and Desalination Complex.

DEWA has announced that new water connections have doubled between 2016 and 2020. The number of new water connections increased

to 67,768 in 2020 compared to 31,108 in 2016; an increase of around 118%. The total number of water connections increased from 666,006



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More than 300 EV Green
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A globally leading sustainable innovative corporation
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DEWA issues Handbook of Electricity and Water Conservation Measures



DEWA has issued the Handbook of Electricity and Water Conservation Measures, to inform residential, commercial, industrial, and governmental customers about technologies and systems to reduce their usage of electricity and water.

The Handbook of Electricity and Water Conservation Measures highlights many modern technologies to conserve electricity and water consumption for various types of buildings. It covers two types of measures: Adding or replacing existing equipment and control measures to increase the efficiency of buildings and retrofitting them. These include air conditioning and cooling systems, lighting systems, water-saving fixtures, as well as building control systems to improve the operation of equipment. The Handbook also presents expected savings as a result of implementing conservation measures. It also includes useful links and additional tips for customers to learn about further technologies to conserve electricity and water in their buildings. A digital copy of the handbook is available under the 'Sustainability' section on DEWA's website www.dewa.gov.ae

DEWA wins 11 trophies at the Globee Business Awards

In recognition of its excellence across various fields of work, DEWA won 11 trophies at the prestigious Globee Business Awards in San Francisco, USA. As part of the 13th Annual Golden Bridge Business and Innovation Awards, DEWA earned four awards (two gold and two silver), as well as seven other awards at the 8th Annual 2021 Customer Sales and Service World Awards, including the Grand Globee, four gold, one silver and one bronze.

HE Saeed Mohammed Al Tayer, MD and CEO of DEWA, expressed his delight with this achievement, which underlines DEWA's excellence and its continuous efforts to advance the utility sector by adopting innovation as a solid organisational approach.

4 awards at the 13th Golden Bridge Business and Innovation Awards

As part of the 13th Annual Golden Bridge Business and Innovation Awards, DEWA won the gold award in the Achievements in User Experience category for its Innovation Experience initiative, which aims to provide a new experience for DEWA employees using the products and services of the Innovation & The Future division

in order to improve efficiency and effectiveness. DEWA was also awarded in gold in the Aggregation Platform category for its Future Signals Catalogue, which enables employees to identify the signals of the future to turn them into initiatives to shape the future. DEWA also earned the silver award in the Enterprise Solution category for its Ma'Rifa (knowledge) Collaboration Platform. This is a smart platform that allows employees to interact with their colleagues to exchange knowledge and collaborate in tasks and projects. Another silver award also went to DEWA in the Information Technology Project or Initiative of the Year category for its Automation of Bank Guarantee Statement initiative to transform bank guarantee to 100% paperless, reducing the time needed to complete the transactions by 80%.

7 awards at the 8th Annual 2021 Customer Sales and Service World Awards

DEWA won the Grand Globee at the 8th Customer Sales and Service World Awards as well as gold awards in Handling Complaints Customer Service & Support Team of the Year and Consumer Products and Services for

its Unified Complaints Portal. DEWA also won the gold award for the Best Customer Engagement Initiative of the Year for its Smart Living initiative, which helps customers to reduce their consumption by monitoring their use and comparing it with neighbouring homes. Customers also receive alerts when consumption is high and can monitor their consumption while away from home.

DEWA also won the gold award in the Contact Centre of the Year category. Customers can contact DEWA through several channels, including Interactive self-service (IVR) and email. Customers can also use Hayak, Ash'ir, and robots for live video chat. They can also contact DEWA using Rammas, DEWA's virtual employee through WhatsApp.

DEWA also won gold in the Customer Service Training or Coaching Programme of the Year category for its Customer Happiness Pioneers Programme. It also won a silver award for Best New Product or Service for Customer Service for its Rammas virtual employee, and another silver award in the Customer Service & Support category for transforming traditional customer happiness centres into self-service centres during Covid-19.





DEWA inaugurates world's first mosque to receive
LEED platinum rating for green buildings

DEWA has inaugurated the world's first mosque to receive the platinum rating for green buildings by the Leadership for Energy and Environmental Design (LEED v4) from the US Green Buildings Council (USGBC) with 83 points. The mosque in Hatta can accommodate more than 600 worshippers on an area of 1,050 square metres according to the highest environmental sustainability standards.

"In all our projects and initiatives, we strive to follow the highest sustainability and efficiency standards. This is in accordance

with the Dubai 2040 Urban Master Plan launched by His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, which outlines an integrated roadmap for urban development based on sustainable development to make Dubai the world's best place to live. This also helps achieve DEWA's vision to become a globally leading sustainable innovative corporation. DEWA works to promote the concept of zero energy buildings which supports sustainable development, economic growth without

harming the environment and its resources," said HE Saeed Mohammed Al Tayer, MD & CEO of DEWA.

"Inaugurating the world's first mosque to receive the platinum rating for green buildings by the Leadership for Energy and Environmental Design in Hatta, is part of DEWA's efforts to support the comprehensive and sustainable development plan of Hatta and meet the needs of its social, economic and environmental development," added Al Tayer.



DEWA's 250MW hydroelectric power plant in Hatta is 29% complete



HE Saeed Mohammed Al Tayer, MD & CEO of DEWA, visited the pumped storage hydroelectric power station being built by DEWA in Hatta, to review its progress. As of the beginning of September 2021, the station is 29% complete. It will have a production capacity of 250 megawatts (MW), a storage capacity of 1,500 megawatt-hours, and a life span of up to 80 years. This is the first station of its kind in the GCC with investments up to AED 1.421 billion. Nasser Lootah, Executive Vice President of Generation at DEWA; Khalifa Albedwawi, the project manager, and the project's team accompanied Al Tayer.

Al Tayer inspected the construction site of the hydroelectric power station and was briefed on the project's progress. The first 37-metre-high Roller Compacted Concrete (RCC) wall is now complete at the project's upper dam. The station will use water in the Hatta Dam and an upper dam that is being built in the mountain.



Jebel Ali Power and Desalination Complex enhances generation efficiency and meets energy and water demand in Dubai



DEWA continues its efforts to develop its infrastructure to keep pace with the growing demand for electricity and water and provide its services according to the highest standards of availability, reliability, efficiency, and quality for over a million customers in Dubai. This is part of DEWA's efforts to support Dubai's comprehensive and sustainable development and consolidate its position as the best place to live, work, and invest. DEWA recently announced increasing its electricity production capacity up to 12,900 megawatts (MW) and 490 Million Imperial Gallons per Day (MIGD) of desalinated water.

Largest Single-Site Natural Gas Power Generation Facility

DEWA's Jebel Ali Power and Desalination Complex is one of the key pillars to provide Dubai with high-quality, efficient and reliable electricity and water services. The Complex has been confirmed by Guinness World Records as the largest single-site natural gas power generation facility in the world at a capacity of 9,547 MW. The Complex comprises two main plants for power generation and water desalination. Plant -1 with a production capacity of

2,761 MW consists of stations D, E, and G. Plant-2 with a production capacity of 6,786 MW consists of stations K, L, and M.

"We work in line with the vision of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, to provide an advanced infrastructure that keeps pace with sustainable development needs. DEWA has outlined expansion plans for the energy and water infrastructure based on demand forecasts until 2030. Innovation is a key pillar in developing our work system and improving our services to the highest standards by increasing the use of disruptive technologies and the latest Fourth Industrial Revolution technologies such as Artificial Intelligence (AI); Unmanned Aerial Vehicles (UAVs); Blockchain; Energy Storage; Internet of Things (IoT), and others," said HE Saeed Mohammed Al Tayer, MD & CEO of DEWA.

100% Emiratisation in leadership positions

The Complex's power generation and water desalination plants use

world-class technologies, state-of-the-art smart solutions, and advanced technology systems, managed by Emiratis with the highest skills and capacity. The employees are the most important success factors for DEWA's Generation division. All of the division's top management are Emiratis, whilst in managerial positions, they make 32% of the workforce. The Generation division supports DEWA's efforts in increasing the role of Emirati talent. Emirati engineers comprise around 42% of the total 74 engineers in the mechanical maintenance department.

Global achievements in operation and performance

DEWA's Generation division has achieved global leadership in its operations and performance. McKinsey has categorised DEWA, represented by its Generation division, as one of the best five plants in the world, in an assessment of 60 prominent global utilities that use electricity and water co-generation systems. DEWA's optimal fuel heat utilisation is 80%-90%, which is among the highest in the world. In terms of maintenance,

the division made global achievements, including breaking the record for gas turbine and desalination unit maintenance. It took only 11 working days for a major overhaul of a gas turbine beating the previous record of 32 days. The water desalination unit's annual overhaul took only 11 working days, beating the previous record of 23 days. DEWA has become a global benchmark for the maintenance of gas turbine and water desalination plants. This has helped DEWA achieve an availability of 99.73% and a reliability score of 99.96% in the summer of 2020, which are among the highest rates in the world.

33.41% Generation Efficiency

Nasser Lootah, Executive Vice President of Generation at DEWA, said that DEWA's implementation of the latest innovative technologies has resulted in improving generation efficiency by 33.41% in 2020 compared to 2006. This resulted in considerable financial savings and reduced carbon emissions

by 31%. This is equivalent to planting 327 million trees to offset the CO2 emissions. Nitrogen oxide emissions were reduced by 74% and sulphur dioxide by 99%.

Global leadership in using AI

The Generation Division is one of the leading divisions in the use of AI and other modern technologies. A team of DEWA engineers, led by Emirati experts, in cooperation with Siemens Energy, developed the Intelligent Gas Turbine Controller, the world's first thermodynamic Digital Twin Gas Turbine Intelligent Controller, which uses AI and machine learning. Using this system at M-Station contributed to increasing efficiency and reducing emissions. The Controller is currently installed in nine gas turbines at DEWA's Generation division and will be installed in an additional six gas turbines. Moreover, DEWA is currently extending its functionality to the Combined Cycle and Co-Generation Assets at M-Station.

Highest health, safety standards

The Jebel Ali Power Plant and Desalination Complex's commitment to established Environment and Occupational Health & Safety Management Systems supported DEWA in obtaining the Sword of Honour for Health and Safety for the 12th time. The British Safety Council announced that DEWA was the only organisation in the world to win both the Globe of Honour Award for Environment and the Sword of Honour for Health and Safety, for eight consecutive years, and the first organisation in the world to win both of these prestigious awards simultaneously. The facility complies with Asset Management system (ISO55001) requirements without any non-conformity since its implementation in 2015. DEWA's Central Lab received accreditation of ISO17025 (for testing and calibration). The Complex also has the latest smart technologies for online monitoring of its assets performance (SPP).



DEWA's SWRO water desalination plant in Jebel Ali is 92.4% complete

DEWA has completed 92.4% of the Seawater Reverse Osmosis (SWRO) desalination plant at Jebel Ali Power Plant and Desalination Complex. The Complex is the main supplier of Dubai's electricity and water services with a high level of reliability, efficiency, and quality. DEWA had awarded the implementation of the AED 871 million plant, with a production capacity of 40 Million Imperial Gallons of Water per Day (MIGD) of desalinated water, to a consortium led by Spain's Acciona Agua and Belhasa Six Construct (BeSIX).

HE Saeed Mohammed Al Tayer, MD & CEO of DEWA, said that DEWA continues implementing electricity and water infrastructure projects to keep

pace with Dubai's growth and demand. He noted that the project is going as planned and is expected to be completed

in Q4 of 2021 to maintain the surplus in production to meet the reserve margin for peak water demand.





Empower signs agreement to acquire and supply Meydan master community with district cooling

In the presence of His Highness Sheikh Ahmed bin Saeed Al Maktoum, Chairman of the Dubai Supreme Council of Energy, Emirates Central Cooling Systems Corporation (Empower), the world's largest district cooling services provider, has signed an agreement to provide district cooling services to Meydan master community with a total capacity of 382,000 refrigeration tons (RT) to meet the needs of the 750 existing and upcoming buildings in the City and acquire the existing district cooling plant for a value of AED 100 million.

HE Mohammed Ibrahim Al Shaibani, Chairman of Meydan City Corporation, and HE Saeed Mohammed Al Tayer, MD & CEO of DEWA and Chairman

of the Board of Directors of Empower were also present at the signing of the agreement.

The agreement was signed by Ahmad Bin Shafar, CEO of Empower, and Issam Galadari, CEO of Meydan City Corporation, the master developer of Meydan, which is one of the largest mixed use development projects in Dubai.

As per the agreement, Empower will provide the entire Meydan master community with its environmentally friendly district cooling services to meet the needs of the existing and upcoming projects which will be a total of 750 buildings. In addition, Empower will invest more than AED 1.6 billion to build

four district cooling plants and construct the pipeline network in the development to meet the demand for energy efficient district cooling services.

According to Empower, the new acquisition deal reflects company's firm plans for the future of district cooling sector, represents a qualitative surge in the growth of the company and its projects portfolio, features an expansion of its services and an increase in its market share in Dubai to reach 79.5%. The acquisition also accentuates Empower's local, regional and international supremacy as the world's largest district cooling services provider, and enhances its leadership in the district cooling industry.

DEWA & RTA enhance green mobility in Dubai



DEWA has allowed all EV owners to use Green Charger services when they register their electric vehicles (EVs) at the Roads and Transport Authority Dubai (RTA). DEWA instantly creates an EV account for them when they register at RTA. This enhances the pioneering partnership between DEWA and RTA which is based on seamless digital integration. The new service enables EV owners (commercial and non-commercial) to charge their vehicles at more than 300 DEWA EV green charger stations across the Emirate.

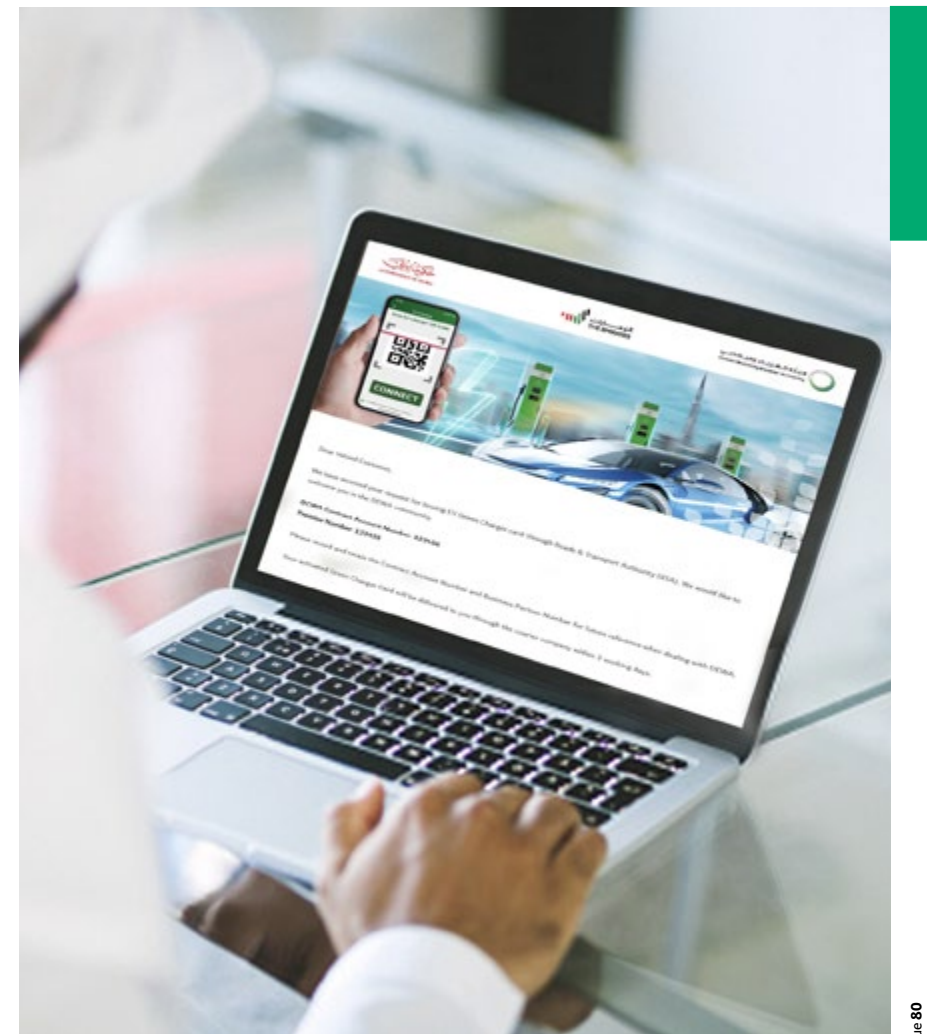
DEWA will create a new EV account for customers and notify them online about the account details, to make their journey towards sustainability and green mobility easier. EV users can charge their electrical vehicles when they register the vehicle at RTA, using DEWA's smart app through scanning the QR code placed at public green charging stations. They can also use DEWA's EV Green Charger card, which will be delivered within three working days after registering in the Green Charger services. DEWA has ensured free charging for non-commercial EV owners until 31 December 2021. Customers can register for EV Green Charger account via DEWA's website and smart app.

"We work to achieve the vision of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, to make Dubai the smartest and happiest city in the world and consolidate its position as a global capital for green economy and sustainable development. DEWA harnesses the latest Fourth Industrial Revolution technologies as well as disruptive technologies to achieve the Dubai Carbon Abatement



"Protecting the environment, optimising the use of energy, and reducing carbon emissions are high on RTA's agenda. We are prioritising these elements in implementation of the initiative of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice-President and Prime Minister of the UAE and Ruler of Dubai (Green Economy for Sustainable Development), UAE Vision 2021, and the Dubai Clean Energy Strategy 2050. The initiative will motivate the use of environmentally-friendly vehicles and sustainable transit means," said HE Mattar Mohammed Al Tayer, Director-General, Chairman of the Board of Executive Directors of the Roads and Transport Authority.

Free charging for non-commercial vehicles until 31 December 2021, is only at public stations. Commercial EV owners in the private and public sectors pay 29 fils per kilowatt hour.



DEWA provides virtual robotics workshop for Expo School programme

DEWA organised a virtual workshop for Expo School programme members on robotic technologies used by DEWA.

DEWA introduced 1,065 school students to its four-legged Spot Robots. DEWA is the first utility in the region to use this robot in its internal operations. DEWA also provided a comprehensive overview of industrial, mobile, virtual, and remote-controlled robots. DEWA also trained students on robot programming languages like Arduino, Tinkercad and Makers Empire 3D.

DEWA's support for the nation's efforts to support the success of Expo 2020 Dubai, is in line with the vision of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, to host the most successful global Expo in Dubai.



As part of its corporate social responsibility, DEWA attaches great importance to instilling a culture of innovation and creativity among

young people, and deepening their passion for, and knowledge about, the latest disruptive technologies, such as artificial intelligence, drones, 3D printing, blockchain technology, and

the Internet of Things. This will enable them to become leaders of the future and the cornerstone of sustainable development, to ensure a brighter future, for generations to come.

DEWA organised a summer camp for children at its childcare centres



DEWA organised a virtual summer camp from 11 July to 26 August 2021, for 107 children, aged 3-4 years belonging to its childcare centres. The camp includes educational competitions, sports, and entertainment.

Dr Yousef Al Akraf, Executive Vice President of Business Support and Human Resources at DEWA, said that DEWA attaches great importance to its female employees and their children. It works to provide a positive environment

that empowers female employees and helps them balance their social and personal lives.

"DEWA develops innovative programmes that keep pace with change and ensure the continuity of educational services for children at its childcare centres. It also invests in their time through activities that educate and entertain them, expands their horizons with cognitive and physical experiences after a carefully studied and effective approach to develop their skills, imagination and innovation," said Al Akraf.

DEWA was one of the first government institutions to establish childcare centres to support its female employees. Today, it has the largest number of such centres among government entities in Dubai, with a capacity of 190 children.

DEWA successfully concludes 'Let's Make This Summer Green' campaign



DEWA's 'Let's Make This Summer Green Campaign', organised for the 6th consecutive year, has achieved remarkable success in raising customer awareness on adopting a sustainable and smart lifestyle to make a positive impact on the environment. The campaign was organised under the theme 'Create memories that last forever' through DEWA's social media, internal and external channels. DEWA encouraged customers to use its services and innovative features on its website and smart app to monitor and control their electricity and water use, and get tips on reducing consumption.

Over the last three months, DEWA's employees led its most extensive digital campaign to conserve electricity and water in collaboration with public and private entities in Dubai.

DEWA plays a pioneering role in promoting conservation in Dubai, with effective social campaigns to promote environmentally-friendly practices.

The campaign included the Green Summer competition until the end of September, for society members to save electricity and water. Participants can enter a raffle draw to get valuable prizes. DEWA also organised virtual and physical lectures for the educational, government, industrial, and commercial sectors. DEWA's Conservation Team presented 30 lectures and workshops in English and Arabic for 3,151 employees and students in Dubai. During the campaign, DEWA collaborated with the Madrasa initiative, a Mohammed bin Rashid Al Maktoum Global Initiative, with videos for children to practice conservation during summer.



Chilean Ambassador to the UAE briefed on DEWA's projects & initiatives

HE Saeed Mohammed Al Tayer, MD & CEO of DEWA, received Jorge Daccarett, the Chilean Ambassador to the UAE. This is one of a series of visits by diplomatic and consular officials to DEWA to explore relations, exchange expertise, and promote mutual cooperation. HE Al Tayer highlighted the importance of strengthening cooperation between DEWA and Chilean energy organisations from the public and private sectors, by exchanging best global practices,

experiences, and benchmarking.

Al Tayer reviewed DEWA's participation in Expo 2020 Dubai as the Official Sustainable Energy Partner. He highlighted that DEWA is striving to achieve the vision of HH Sheikh Mohammed bin Rashid Al Maktoum to host the best edition of the Expo.

Al Tayer explained that DEWA has a clear vision to achieve the objectives of Dubai Clean Energy Strategy 2050 to provide

75% of Dubai's total power capacity from clean energy sources by 2050. This is in accordance with the trend of phasing out of conventional energy, harnessing digital transformation, smart grids, Fourth Industrial Revolution technologies and their impact on the energy and water sectors.

The Chilean Ambassador praised DEWA's efforts and investment opportunities that will enhance cooperation between Chile and the UAE.



Saeed Mohammed Al Tayer discusses bilateral cooperation with Korea's new Consul General

HE Saeed Mohammed Al Tayer, MD & CEO of DEWA, had a virtual meeting with HE Moon Byung-iun, the newly appointed Consul General of the Republic of Korea, to discuss bilateral collaboration between DEWA and Korean companies in the clean and renewable energy and water sectors.

Al Tayer welcomed the new Consul General and wished him

success in his diplomatic mission, highlighting DEWA's keenness to enhance collaboration with all diplomatic missions in the UAE. Al Tayer stressed the importance of fostering cooperation and constructive partnerships with Korean companies in different areas of the energy sector.

Al Tayer said that Dubai has a clear direction for the energy sector which

is to increase the use of clean energy, utilise digital transformation and smart grids as well as Fourth Industrial Revolution applications and disruptive technologies to serve the energy and water sectors.

The Korean Consul General praised DEWA's facilitation and fruitful collaboration for Korean organisations operating in Dubai.

HE Saeed Mohammed Al Tayer congratulates UAE youth on International Youth Day 2021

HE Saeed Mohammed Al Tayer, MD & CEO of DEWA congratulated the youth at DEWA and in the UAE on International Youth Day 2021. In a video speech released by DEWA on its official social media and internal channels, Al Tayer highlighted DEWA's efforts to achieve the directives of HH Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, to start preparing tomorrow's youth today, empower and engage them in the development process, to anticipate and shape the future, to ensure a brighter future for generations to come.

"We are proud of our youth and the creative Emirati young minds, who represent our wealth and national

investment for the future. We work to provide them with tools to continue their success. We also strive to optimise their ideas, potential, and creativity to support the gains won by the UAE over the past 50 years and move steadily towards 50 more years of achievements. This is in accordance with the UAE Centennial 2071 objectives to make the UAE the world's leading nation. At DEWA, we provide an interactive environment that strengthens their knowledge and understanding of best global practices. This familiarises them with current and global challenges and enhances their effective contribution to sustainable development. DEWA provides all support to help DEWA's Youth Council perform its effective role by implementing several pioneering

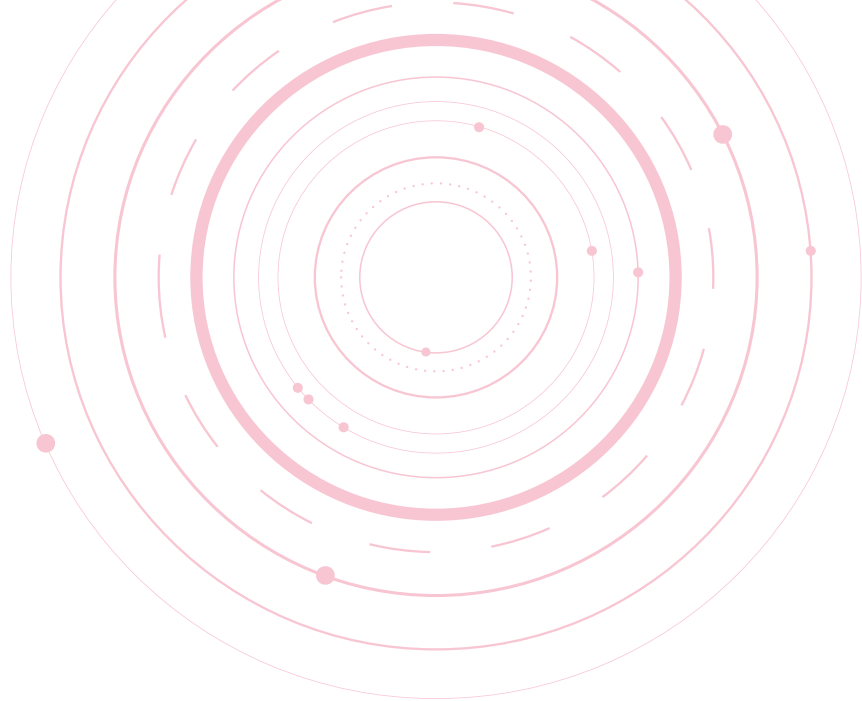
initiatives to enhance their role, and consolidate the Council's position across national youth councils. Our workforce includes 3,743 young employees between the ages of 18 and 35, making 25% of the overall workforce, with 56% of them Emiratis," said Al Tayer.

Al Tayer praised the relentless efforts of DEWA's Youth Council to provide an incubator for feedback from young people, highlight their role, motivate them to become a source of inspiration for current and future generations, and harness their talents to serve DEWA. Al Tayer praised the initiatives of the Council to serve the nation, and enhance DEWA's excellence and global leadership.





HE SUHAIL AL MAZROUEI
Minister of Energy and Infrastructure



August saw the launch of the National Water and Energy Demand Management Programme. Could you please elaborate on its outcomes and targets?

Through the National Water and Energy Demand Management Programme, we seek to engage federal and local authorities and the community. This is an advanced step to build a sustainable economy within our new national plans to preserve natural and environmental resources and to enhance the UAE's global leadership in protecting the environment, which is a key target for the next 50 years. It is also implemented within a large-scale national plan.

The programme aims to enhance the nation's efforts in demand management, conservation, and increasing the efficiency of the four most important sectors that are characterised by their high use of energy and water (transport, industry, construction, and agriculture) at a rate of 40% for energy consumption and 50% for water consumption. The

programme will apply the highest international industry standards and ensure the UAE's competitiveness in Artificial Intelligence (AI) to shape the future of the energy and water sectors, demand management and conservation. This will consolidate the country's leading position in this field.

What are the solutions and innovations in the UAE using to counter clean and renewable energy challenges?

The UAE Energy Strategy 2050 launched in 2017. It aims to provide 50% of the total power output from clean energy by 2050. This underlines that diversifying energy sources will contribute to economic diversity as well. Within this diversification plan, the UAE sought to achieve sustainability in conventional energy sources by employing advanced technologies such as carbon capture, sequestration, and storage. Meanwhile, the UAE is looking at new energy sources, such as hydrogen. The UAE produces and

consumes hydrogen as part of its oil-refining operations. The production of hydrogen from fossil fuel in our region is currently the most competitive at USD 1.5 per kilogramme. Therefore, hydrogen production from hydrocarbons is an important starting point in employing it as an energy source, from grey hydrogen to blue and green hydrogen.

The UAE managed over a record period to expand the use of clean energy, thanks to the laws and regulations that kept pace with current developments and future challenges by setting ambitious goals for the future. This has boosted investments in clean energy, which is the cornerstone of national economies and supports the global leadership of the UAE.

What is the UAE's plan to diversify energy sources while balancing between sustainable development and protecting the environment?

In the UAE, we are open to all kinds of energy that are compatible with

our natural resources, and we are keen to diversify energy sources as well as maintain a balance between different energy sources. This supports sustainable development and the transition towards a green economy. Hydrogen is the next new source of energy, and it is promising for future energy. It is the long-term goal for the energy sector in the UAE, along with fossil fuels such as natural gas, and its balance within a good mix for electricity generation. 50% of clean energy sources (nuclear and solar power) and 50% of fossil fuels include natural gas. This will ensure safe and sustainable energy.

At the Ministry of Energy and Infrastructure, we are currently focusing on the local and international cooperation of the private sector to study future technologies in clean energy such as solar, thermal and hydrogen energy.

The UAE launched in 2021 the first project of its kind to extract water from air. What are the project's technologies and contributions to sustainable development?

The UAE strives to maintain the sustainability of its natural resources. The initiatives and objectives of the UAE Energy Strategy 2050 and the UAE Water Security Strategy 2036 come to improve energy and water efficiency as the essential pillars of comprehensive development initiated by the wise government to achieve the UAE Centennial 2071.

The UAE Water Security Strategy encourages several strategic programmes and focus areas designed to support both the demand and supply sides of water, including water demand management, water supply management through the expansion of the use of membrane desalination techniques, the expansion of water reuse, and the adoption of innovative water production technologies from non-conventional sources and using renewable energy sources.

The air around us carries certain percentages of humidity, and scientists estimate that the Earth's atmosphere contains the equivalent of 10% of the fresh water of lakes on Earth in the form of water vapour in the air. Techniques for extracting water from atmospheric humidity are innovative solutions to produce good quantities

of fresh water especially for domestic and drinking use, after purification and adding the necessary salts. During the past period, the UAE has experimented with different techniques to extract atmospheric moisture as a source of water under the country's weather conditions. A pilot project has recently started in Abu Dhabi in cooperation with the private sector to evaluate the technology of extracting water from atmospheric moisture in commercial quantities using renewable energy, within the platform of the Masdar Institute for Solar Energy of Khalifa University, making it a zero-carbon project. It also supports Goal 6 of the United Nations Sustainable Development Goals (SDGs) 2030 to ensure clean water and sanitation.

What are the accomplishments of the UAE Energy Strategy 2050 so far?

The share of clean energy in electricity production is expected to reach 6,000 megawatts (MW) by the end of this year 2021, including renewable energy and nuclear energy. Produced energy will be used across different sectors in the UAE. The UAE Energy Strategy 2050 aims to balance production with consumption, commit to international environmental standards and ensure a flexible economic environment for growth in all sectors. It is the first unified energy plan in the UAE to increase the efficiency of individual and corporate consumption by 40%, as well as increase the share of clean energy in the country's energy mix to 50%.

The National Water and Energy Demand Management programme was launched in 2021 to provide essential support for the UAE Energy Strategy 2050 to reduce energy demand by 40% and reduce water demand by 50% until 2050 in partnership with strategic partners from government and local agencies.

Expo 2020 Dubai will be supplied with clean energy by 100%, what is the UAE's vision to host carbon free events using renewable energy?

The UAE's wise leadership has a strategic direction to reduce the carbon footprint of all major events in the country. This is achieved through measures to reduce energy and water consumption during the coordination of events and the optimal use of renewable energy to

reduce pressure on electrical networks during the actual periods of events. Conservation measures are applied in the event planning process, follow-up, design and implementation. Initiatives include the use of natural lighting or LED lighting and motion sensors to raise the efficiency of consumption during events.

In light of the hard work by the relevant authorities to dazzle the world at Expo 2020, Expo 2020 will be the model event in the country to implement sustainability measures such as exploiting sustainable transportation methods, storing energy, irrigating green spaces with recycled water using hydrogen as renewable energy, among many other measures. This shows the excellence of the implementation of this exceptional global event.

Amid the outstanding efforts from the relevant authorities to impress the world at Expo 2020 Dubai, the event will become an ideal example of sustainable events in terms of mobility, energy storage, green areas irrigation using hydrogen in addition to several measures that underline the excellent implementation of this exceptional world-class event.

DEWA invests in clean and renewable energy. What are the areas of collaboration between the ministry and DEWA and how can we strengthen this collaboration?

The Ministry of Energy and Infrastructure works with DEWA on several strategic projects to achieve the nation's targets and promote the UAE's global competitiveness. DEWA was one of the key entities that outlined scenarios for the UAE Energy Strategy 2050. The Dubai Demand Side Management Strategy 2030 was also a key input in the National Water and Energy Demand Management programme. The ministry works to plan future initiatives for clean energy and increasing the efficiency of electricity and water consumption in collaboration with DEWA. These initiatives include blockchain, big data within government accelerators in 2021. The ministry supports DEWA's efforts to secure investment in renewable energy and direct application for it through a green long-term Dubai Green Fund that supports the green development strategy.



HE SHAMMA BINT SUHAIL AL MAZRUI

UAE Minister of State for Youth

supporting youth and engaging them in fighting future challenges reflects the importance of bilateral cooperation. I can confirm that more strategic partnerships are coming up in the future to share experiences and knowledge that qualify youth in different sustainability sectors. We strive to provide several initiatives that invest in youth across different sectors in addition to enabling studies and surveys targeting Arab youth to help decision-makers outline future policies.

What are the key educational and scientific outcomes of the technical programmes developed as part of the Technology Fellowship for Arab Youth in collaboration with tech companies?

The Technology Fellowship for Arab Youth provides theoretical and hands-on training online to empower Arab youth in technology and its applications. This also helps them keep pace with developments in the job market and the discipline of digital transformation, innovation, IT, interactive and emerging technologies. The fellowship enhances Arab digital capabilities and helps Arab youth harness technology to achieve their ambitions and targets. This is especially

important because advanced skills are becoming increasingly important.

The fellowship offers a qualitative experience to prepare Arab youth in vital tech sectors to create knowledge-based and innovative economies in the Arab world. This is through combining tech literacy and hands-on experience that help youth bridge the gap in digital capabilities. The fellowship also helps youth network with global influencers and learn from their experiences as well as expand their horizons for work and creativity and shed light on creative youth in this area.

You strive to achieve the wise leadership vision to empower and engage youth as well as provide them with skills. What are your key projects in this area, now or in the future?

In August 2021, we launched the Young Arab Diplomatic Leaders Programme in partnership with the Ministry of Foreign Affairs and International Cooperation, the Anwar Gargash Diplomatic Academy, and several Arab and international diplomatic institutes. The programme

prepares capable young Arab diplomats advocating for Arab issues in international forums.

We also launched the Arab Youth Council for Climate Change (AYCCC) to create a regional platform that enhances the engagement of Arab youth in environmental issues. It also supports Arab strategies related to the environment and climate change. The AYCCC helps find young leaders and innovators in climate action who are keeping pace with the UAE's hosting of the COP28 in 2023.

We have outlined several strategic goals, including Arab youth empowerment to keep pace with different challenges and voice their concerns in environmental forums regionally and globally. We also aim to support Arab countries in enhancing its climate action and submit strategic recommendations for decision-makers in the region. Moreover, we suggest viable solutions in partnership with the public and private sectors, and encourage investment in environmental startups to fight climate change and achieve sustainability.

DEWA signed an MoU with the Arab Youth Centre to prepare youth leaders in clean technologies through DEWA's Innovation Centre at the Mohammed bin Rashid Al Maktoum Solar Park. What do you think are the outcomes of this partnership?

The MoU prepares youth leaders specialised in clean technology. This is through qualitative training for youth on emerging technologies, including digital transformation, Artificial Intelligence (AI) and other innovative technologies, through DEWA's Innovation Centre.

The partnership between the Arab Youth Centre (AYC), DEWA, and its Innovation Centre provides youth with an unprecedented opportunity for learning advanced skills. It also enables youth to participate in the Technology Fellowship for Arab Youth in its first edition, which brings together youth from 15 Arab countries. They will benefit from more than 80 specialised training with the AYC in collaboration with large technology companies and centres.

The Innovation Centre organised with the AYC a series of technical workshops on clean energy with the AYC. What was the feedback?

The virtual and technical workshops on clean energy witnessed a large turnout by youth who were keen to learn about clean technology. More than 100 youth specialised in information technology, engineering, applied sciences and other tech areas participated in the event, which was part of the Technology Fellowship for Arab Youth.

The number of participants workshops and training reflects the interest of youth in investing their potential in clean and renewable energy. This increases their engagement in achieving sustainable development through research and the latest innovative technologies.

How can bilateral efforts be enhanced to engage youth and encourage them on adopting educational and professional tracks that support

the clean technology sector with competent calibre?

Strategic partnerships play a key role in developing and empowering youth to lead the future of sustainable energy. This is the right time to invest in tools for Arab youth creativity and digital innovation. This is through technical and interactive training programmes in collaboration with global influencers where participants can learn from their experiences and shed light on creative youth. All these outcomes support the nation with competent Emirati calibre that can ensure a bright and inspiring future for generations to come.

DEWA attaches great importance to youth and considers them the driving force for sustainable development. It works through the Youth Council on increasing their empowerment within DEWA and in society. Are there any new partnerships coming up to share experiences and knowledge?

The key role played by DEWA in

DEWA's leading role in achieving the government vision in including and empowering People of Determination

HE SAEED MOHAMMED AL TAYER, MD & CEO OF DEWA

I am pleased to welcome you to celebrate DEWA's results and achievements of the Inclusion POD Innovative Incubator initiative, which is the first of its kind in the UAE.

DEWA contributes to achieving the vision of the wise leadership to include and empower People of Determination. This supports the National Policy to Empower 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 a city that is friendly to People of Determination. DEWA includes and empowers People of Determination through four pillars: Employees, Customers, Society, and Partners.

DEWA is committed to including and empowering People of Determination at work and in society by providing an inclusive and resilient work environment for DEWA's Employees of Determination to unleash and prove their potential. From 2015 to 2020, DEWA implemented 58 social programmes and community initiatives to include and empower People of Determination in society, benefitting nearly 3.5 million people.

DEWA aligns its People of Determination strategy with local and federal strategies for the inclusion and empowerment of People of Determination. To ensure this,

DEWA has achieved all the strategic and operational indicators in including and empowering People of Determination in 2020. DEWA's buildings and facilities fully comply 100% with the Dubai Universal Design Code. DEWA currently has 6,137 employees trained in dealing with People of Determination and 22 employees have earned a sign language diploma. DEWA currently has 29 Employees of Determination with various disabilities. Their happiness scored 99% and their families' happiness reached 96%. Customers of Determination scored their happiness with DEWA's inclusive services at 95% and society happiness towards DEWA's support to People of Determination was 94%. DEWA's website compliance scored 96% while the smart app was scored 10/10 by the People of Determination Accessibility Evaluation Report by Dubai Digital Authority.

Inclusion POD Innovative Incubator Initiative: The Innovative Social Model



In light of the federal and local government directives, DEWA has been committed to including and empowering People of Determination since 2015, and by 2019 DEWA had completed all government requirements and started to communicate the best applied local and international practices with its partners through the Inclusion POD Innovative Incubator initiative.

The Inclusion POD Innovative Incubator initiative aims to achieve the government's vision for including and empowering them by training DEWA's affiliates and partners in best practices to help them to transform into People-of-Determination-friendly entities. We implemented the initiative in phases. The Initiative has five parts: motivating leadership, training, knowledge transfer,

benchmarking visits, and success stories.

Strategically, DEWA implemented 10 community initiatives for including and empowering People of Determination, incorporating the Inclusion POD Innovative Incubator initiative. The community happiness score for DEWA's efforts to support and empower People of Determination in 2020 was 94%. Our training programme assessment results show that all the candidates attended the initiative's programme. Their satisfaction with the programme was 94%.

Results indicate that all DEWA's affiliates who participated in the programme achieved a success story in at least one of the four areas identified by the initiative. These are: Physical or information accessibility, inclusive employment, community initiatives, and building capabilities. 342 employees from DEWA's subsidiaries have received training in including and empowering People of Determination. DEWA's subsidiaries implemented 12 community-based initiatives to include and empower People of Determination, which benefitted over 1,500 people. The initiative's results show an increase in the conformity rate of the buildings and facilities. DEWA's subsidiaries increased their Accessibility from 61% to 77%, during the implementation of the initiative. Two subsidiaries also revamped their website to be 100% accessible for People of Determination. The Initiative also included and empowered 6 Employees of Determination at two of DEWA's subsidiaries and helped all subsidiaries participating in the programme improve their ability to provide inclusive employment.



In light of the success of this Initiative, DEWA launched the second phase of the initiative to include suppliers and universities. This resulted in 110 suppliers attending awareness sessions and 20 employees in 9 universities in the UAE attending training programme. In addition DEWA shared its best applied local and international practices to including people of determination at work and in society, with 14 federal and local government partners. The

initiative generated 4,254,181 views. DEWA has also prepared a guide for the initiative's programme in English and Arabic. Also, several international sustainability magazines published articles about the initiative.

As a globally leading inclusive government, DEWA will continue to support the inclusion and empowerment of People of Determination to make Dubai the world's best city to live in.



What do you know about Down Syndrome Day? Autism Spectrum Disorder?

- Down syndrome is a genetic disorder caused when abnormal cell divisions result in an extra full or partial copy of chromosome 21. This extra genetic material causes the developmental changes and physical features of Down Syndrome.
- It is named after British doctor John Langdon Down, who fully described the syndrome in 1862.

- 21 March, is World Down Syndrome Day
- The estimated incidence of Down syndrome is 1 in 1,000 to 1 in 1,100 worldwide.
- Each year, approximately 3,000 to 5,000 children are born with this chromosome disorder
- Main Symptoms: intellectual and developmental challenges, flattened face, small head, short neck, protruding tongue, poor muscle tone, short height

- Disability Etiquette:**
 - Unconditional acceptance
 - Correct misconception & terms
 - Focus on their abilities not disabilities, they may have talents and social skills
 - Give structure and routine. divide tasks into smaller parts and assign one or two parts at a time.
- To share awareness of the importance of this day.

NEWS - PEOPLE OF DETERMINATION



DEWA organises virtual sessions for employees to include and empower people of determination

DEWA organised a series of virtual sessions for its employees to increase awareness of its pioneering role in including and empowering people of determination (POD) to support their rights in equal job opportunities at work and in society. This is part of the organisation's annual plan to promote corporate inclusion and support POD through opportunities at work and in the community. During these sessions, DEWA reviewed its efforts in achieving local and federal strategies for POD. Some 2,313 employees across different divisions attended the sessions and learned about the legal framework for

protecting POD in the UAE and at DEWA and key definitions for their inclusion and empowerment. They also learned about DEWA's strategy in this area, its key achievements to facilitate POD access for customers and employees to its buildings, facilities and services.

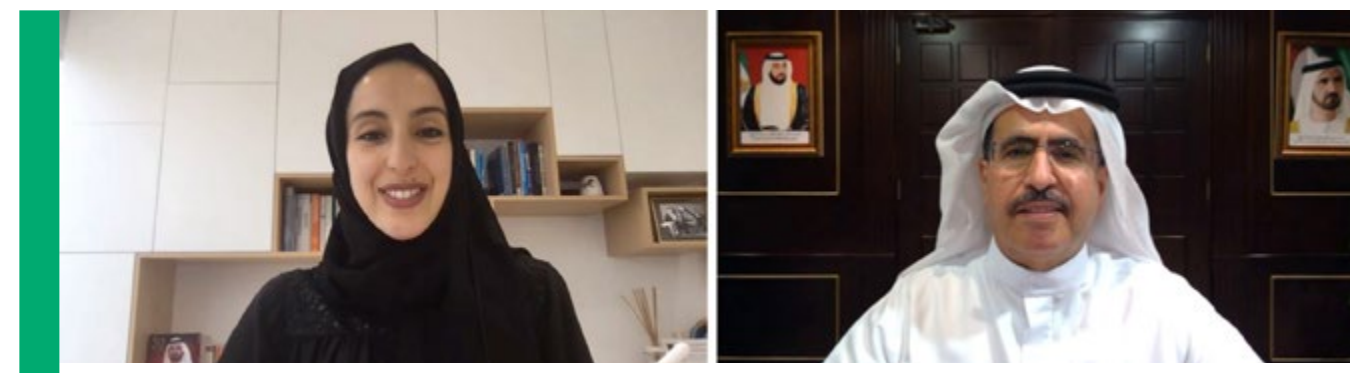
DEWA provides an inclusive and resilient work environment for DEWA's employees of determination to unleash and prove their potential and abilities. Between 2015 and 2020, DEWA implemented 58 social programmes and initiatives to support and include POD in society. Nearly 3.5 million people benefited

from these initiatives. In 2020, DEWA met all strategic and operational key performance indicators for empowering and including POD.

In 2019, the compliance of all DEWA buildings and facilities with the Dubai Universal Design Code reached 100%. DEWA currently has 6,137 employees trained in dealing with POD, and 22 employees have earned a sign language diploma. DEWA has 29 employees of determination with various disabilities. Their happiness was 99%, and their families' happiness reached 96%.

NEWS - MoUs

DEWA collaborates with Arab Youth Center to train youth leaders in clean & renewable energy



DEWA and the Arab Youth Center (AYC) have signed a Memorandum of Understanding (MoU) to prepare youth leaders specialised in clean technology innovation. This will be achieved by using the capabilities of DEWA's Innovation Centre at the Mohammed bin Rashid Al Maktoum Solar Park. The MoU supports the shared vision of DEWA and AYC to empower young people and build their capabilities.

The MoU was signed by HE Saeed Mohammed Al Tayer, MD & CEO of DEWA and HE Shamma bint Suhail Faris Al Mazrui, Minister of State for Youth Affairs and Vice Chair of the Arab Youth Center. Officials from both sides were present.

"Youth are the powerhouse of the future and the core of the human capital our Arab societies need to accelerate socioeconomic development. That is why empowering youth with advanced skills, that link qualifications with the current and rising dynamics of the labour market as well as foster competitiveness of Arab countries, is fundamental in our mandate. Accordingly, the Arab Youth Center is always keen, with the unlimited support of His Highness Sheikh Mansour bin Zayed Al Nahyan, Deputy Prime Minister and Minister of Presidential Affairs and President of the Center, to create strategic partnerships with international organisations, multinational partners

and pioneering entities that empower youth in vital sectors. We are delighted to collaborate with DEWA, the global innovation lab for sustainable future technologies and the Arab model that inspires youth by achieving the Dubai Clean Energy Strategy 2050 and the UAE Energy Strategy 2050," said Al Mazrui.

"Our vision is guided by the directives of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, to empower youth, invest in their potential and engage them in the development process. Today's youth are tomorrow's leaders and the cornerstone of sustainable development. We are pleased to sign the MoU with the Arab

Youth Center, which was established to realise the vision of His Highness Sheikh Mansour bin Zayed Al Nahyan, Deputy Prime Minister and Minister of Presidential Affairs and President of the Center. It is a pioneering platform for preparing promising young Arab leaders by incubating creative minds and investing in their potential. Through its Innovation Centre, DEWA will strengthen and develop the capabilities of the next generation of leaders and young innovators in clean and renewable energy technologies. This will enhance the UAE's leadership in this promising sector and support the National Innovation Strategy, which aims to make the UAE one of the most innovative countries in the world," said Al Tayer.





The R&D Centre enhances DEWA's leadership and excellence through Tatweer Collaboration Programme

▶ The Tatweer Collaboration Programme launched by DEWA's R&D Centre has contributed to providing effective and sustainable solutions to challenges faced by different DEWA divisions. DEWA's engineers and employees participating in the programme have developed systems and programmes that contribute to constant improvement of the organisations' key operations using innovation and research.

HE Saeed Mohammed Al Tayer, MD & CEO of DEWA, praised the employees for their efforts to develop proactive and constructive solutions. This consolidates DEWA's globally leading position and achieves its vision to become a globally leading sustainable innovative corporation. Al Tayer noted that the R&D Centre at the Mohammed bin Rashid Al Maktoum Solar Park consolidates the

Solar Park's position as a global hub for research and development.

Key projects and systems developed by the Centre through the 'Tatweer Collaboration Programme' include:

Online Condition Monitoring of Distribution Underground Cables

The R&D Centre has developed a system for monitoring of DEWA's distribution underground cables using Artificial Intelligence (AI), machine learning, state-of-the-art sensor technologies and big data. The system helps monitor medium voltage underground distribution network with predictive analytics, incipient fault detection evaluating the health and long-term performance of distribution cable circuits in real-time. This effectively prioritises cable repair and replacement to ensure the highest

reliability and accountability standards.

A system for investigating Harmonic Emissions from on-grid PV inverters

This project is part of DEWA's efforts to develop its Shams Dubai initiative, which encourages building owners to install solar photovoltaic rooftop energy systems and connect them to DEWA's grid. The system investigates the Harmonic Voltage and Emissions from on-Grid PV Inverters. These emissions can affect the quality of the electricity network. The system helps learn about the types and concepts of Harmonic Voltages in PV inverters and the impact of active external filters. This will help DEWA update its power quality guidelines; improve the relevant assessment procedures and mitigation techniques of inverter-based installations interfaced with its network.

DEWA's R&D Centre collaborates with Stanford University to develop advanced system for PV production

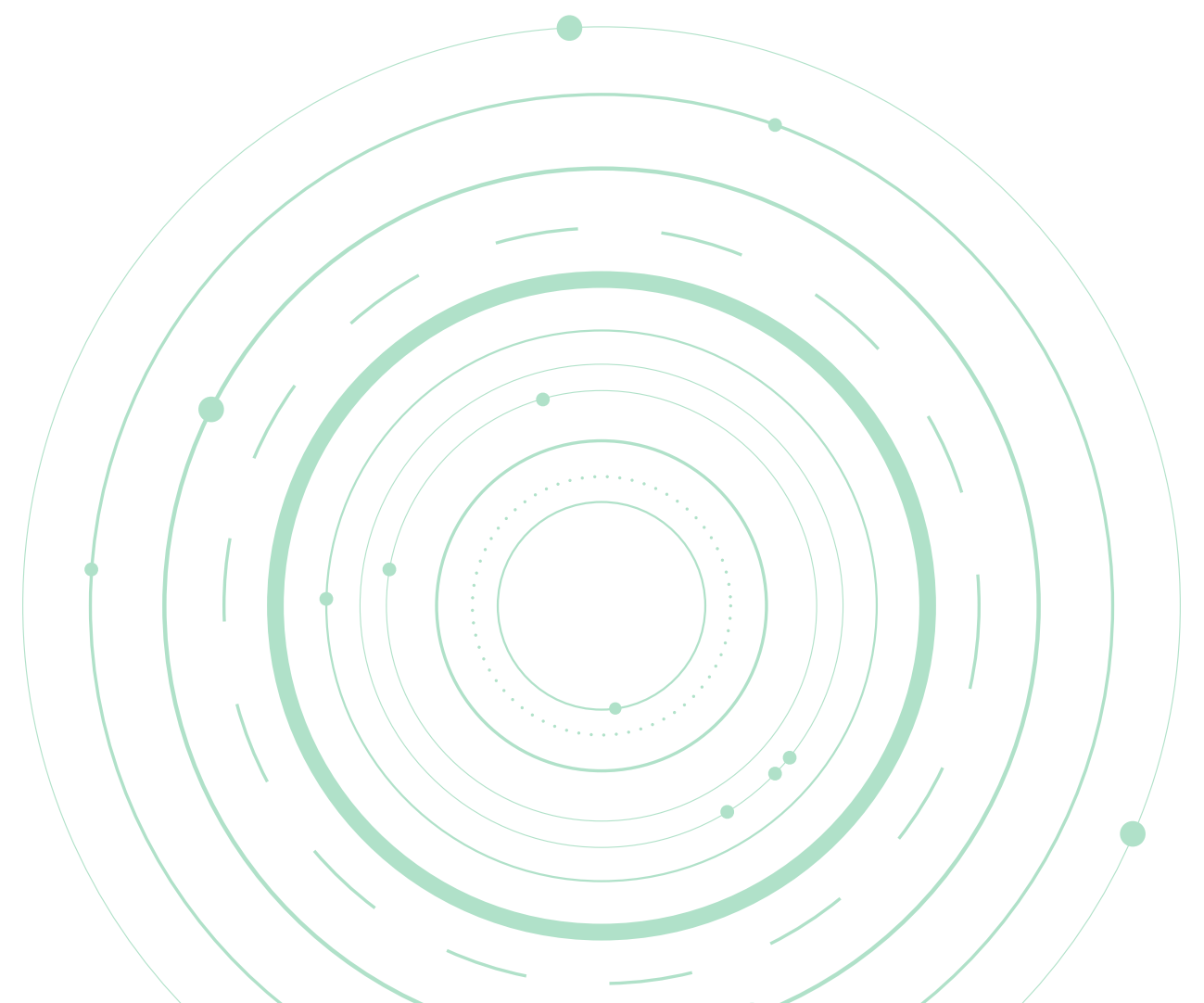
▶ Using its Space-D programme, DEWA has collaborated with Stanford University to develop an advanced system to forecast PV panel production in the short term at the Mohammed bin Rashid Al Maktoum Solar Park, the largest single-site solar park in the world using the Independent Power Producer (IPP) model. It will have a planned capacity of 5,000MW by 2030.

The new system reduces errors in the forecast to less than 10%. This supports DEWA's efforts to achieve the Dubai Clean Energy Strategy 2050 to provide 75% of Dubai's total power capacity from clean energy sources by 2050. The

system uses modern technologies such as Artificial intelligence, deep learning, high-density cameras on the main satellite and a network of metrological stations to predict irradiance, dust and cloud movement, which can affect PV performance.

"We work on paving the way for a new phase of Emirati capabilities in space exploration, technology and related industries that will be used to strengthen electricity and water networks in Dubai. We also strive to maintain 100% of our services according to the highest availability, reliability, efficiency, and sustainability standards. This is in

accordance with the wise leadership vision to increase the use of clean energy and our efforts to invest in solar energy projects. In line with the directives of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, we use innovation and sound scientific planning to contribute to making the UAE the world's leading nation by its Centennial in 2071, as well as the Dubai 10X initiative launched by His Highness, which mandates the Government of Dubai to be a global leader that is 10 years ahead of all other cities," said HE Saeed Mohammed Al Tayer, MD & CEO of DEWA.



EMIRATI WOMEN'S DAY

Quote by HE Saeed Mohammed Al Tayer, MD & CEO of DEWA on Emirati Women's Day



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I am pleased to congratulate every mother, daughter, and sister on Emirati Women's Day, which we celebrate this year under the theme 'Women: Ambitions & Inspiration for the Next 50 Years.' This theme underlines Emirati women's unlimited ambition and their role in the development process over the past 50 years since the establishment of the Union. This achieves the vision of the late Sheikh Zayed bin Sultan Al Nahyan, may his soul rest in peace, who

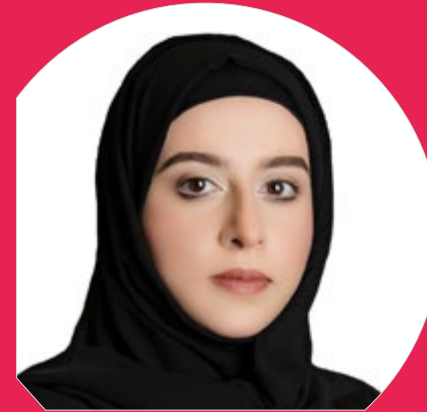
was a strong supporter of women and who encouraged them to play a role in the nation's development. He believed that the development of our society is achieved by empowering women, encouraging their participation, and that all efforts should be concerted to enable women to perform their roles to the fullest," said HE Saeed Mohammed Al Tayer, MD & CEO of DEWA.

"Celebrating Emirati Women's Day this year is especially important during the 'Year of the Fiftieth' as Emirati women emphasise their capability to continue the journey and participate in development efforts. This is a result of the unlimited support of the wise leadership of His Highness Sheikh Khalifa 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; His Highness Sheikh Mohamed bin Zayed Al Nahyan, Crown Prince of Abu Dhabi and Deputy Supreme Commander of the UAE Armed Forces, in addition to the women empowerment efforts led by Her Highness Sheikhha Fatima bint

Mubarak, Chairwoman of the General Women's Union, Supreme Chairwoman of the Family Development Foundation, and President of the Supreme Council for Motherhood and Childhood (Mother of the Nation) to empower women and enhance their substantial role to remain effective partners in the development process," added Al Tayer.

"At DEWA, we continue our empowerment efforts through a positive and motivating work environment that support female employees and helps them balance their social and professional lives. It also gives them the full confidence to harness their academic and practical potential to achieve success and excellence to empower society. The number of female employees at DEWA has reached 1,943 across all divisions. This includes 720 women in the engineering and technical areas, with 311 women in senior positions at DEWA. Emirati women are 81.5% of the total female workforce at DEWA," concluded Al Tayer.

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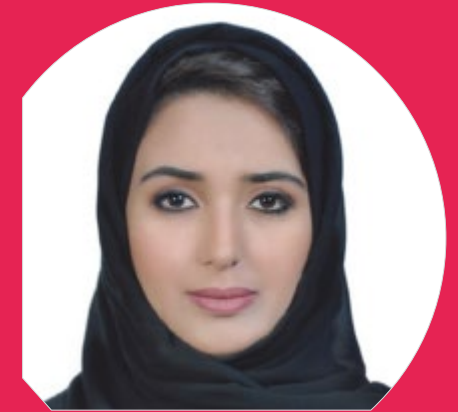
Fatima Al Jokar,
Chairperson of
DEWA Women's Committee

"Since its launch in 2010, DEWA Women's Committee strives to achieve the vision of the UAE's wise leadership and DEWA's top management to empower Emirati women as key partners, with new achievements in society in all sectors. This is by providing psychological, professional and social support for all female employees in a motivational, happy environment with balance in their professional and personal lives. This contributes to creating cohesive families and society that is capable of adjusting to emerging changes. Throughout the year, the Committee launches several programmes to encourage female employees, recognise their achievements, unleash their potential and highlight their social and voluntary work. These include the 'Edhaa' initiative, '#your day... as an engineer' programme, 'Together we learn,' and 'Choose the Challenge' programmes. The Committee spares no effort in helping female employees meet their responsibilities to the fullest. It also promotes loyalty and communication among them to maintain their position as role models for national work and effective contributors to sustainable development. Furthermore, the Committee works to enhance DEWA's global position and leadership in all areas," said Fatima Al Jokar, Chairperson of DEWA Women's Committee.



Amal Koshak,
Vice President of Marketing
and Corporate Communications
at DEWA

"Early on, DEWA realised the importance of providing all capabilities to empower its female employees to make a sustainable and positive change. It is one of the leading government organisations in Dubai for engaging women in the decision-making process. This makes DEWA a role model for public and private government organisations inside and outside the UAE. Statistics show that women represent 32% of employees in renewable energy, compared to 22% in conventional energy sectors such as oil and gas. DEWA spares no effort in providing opportunities and overcoming challenges to enhance gender equality as part of the global transformation of the energy sector. DEWA is also committed to building on previous achievements by Emirati women as key partners in the sustainable development process and of DEWA's renowned global position," said Amal Koshak, Vice President of Marketing and Corporate Communications at DEWA.



Dr. Aesha Alnuaimi,
Director of
Solar Innovation Centre

"DEWA's Innovation Centre at the Mohammed bin Rashid Al Maktoum Solar Park supports DEWA's keenness to invest in innovation by promoting sustainable development in its three aspects; environmental, economic, and social. The Centre reflects DEWA's top management efforts to build and expand the capabilities of the next generation of innovators in clean energy technologies, develop and promote national capacity, and raise awareness on sustainable energy. The Emirati female employees at the Innovation Centre enhance DEWA's position as one of the most prominent national organisations that support women in the energy sector, especially renewable and clean energy and sustainability, and in empowering society through women by their participation in all development sectors," said Dr. Aesha Alnuaimi, Director of Solar Innovation Centre.

Quotes from DEWA's female leaders on Emirati Women's Day 2021



Khawla Al Mehairi,
Executive Vice President of
Strategy and Government
Communications at DEWA

"DEWA works to provide all necessary support for female employees to turn challenges into opportunities and keep pace with change. This is in accordance with the 'National Strategy for Empowerment of Emirati Women' and the wise leadership's vision to achieve development in society by empowering women. This enhances their role in shaping the future to achieve the UAE Centennial 2071 to make the UAE the world's leading nation. Every day, Emirati women prove their competence in national work and consolidating DEWA's achievements. Early on, DEWA realised the importance of providing all means to empower female employees to

make a positive and sustainable impact. It was one of the first government entities in Dubai to engage women in decision making, making it a role model for the public and private sectors locally and globally. DEWA is one of the most prominent government entities to support women in the energy sector, especially in renewable energy and sustainability. DEWA was one of the first to establish nurseries in support of working mothers and now has the largest number of kindergartens among government entities in Dubai," said Khawla Al Mehairi, Executive Vice President of Strategy and Government Communications at DEWA.

Emirati women are effective partners in building the next 50 years of the UAE's leadership: Ministers

🗣️ Their Excellencies the UAE ministers highlighted that Emirati women are effective partners in building the next 50 years and they have a pioneering role in the nation's growth. The ministers expressed their pride at Emirati female achievements on Emirati Women's Day, celebrated on the 28th of August every year.



HE ABDUL RAHMAN BIN MOHAMMAD AL OWAIS,
Minister of Health and Prevention

HE Abdul Rahman bin Mohammad Al Owais, Minister of Health and Prevention, said that women have formed a key pillar in the national strategies that are based on innovation, excellence, and leadership, thanks to the support and guidance of the wise leadership which paid special attention to the empowerment of women to help them assume leadership roles. The UAE's wise leadership has provided all tools of success, including a business-friendly environment, and women's empowerment programmes to help them unleash their energies and talent and assume leadership roles thus achieving significant milestones over the past decades.

Al Owais congratulated HH Sheikhha Fatima bint Mubarak, Chairwoman of the General Women's Union, Supreme Chairwoman of the Family Development Foundation, and President of the Supreme Council for Motherhood and Childhood (Mother of the Nation), on this occasion, pointing out that the directives of

Her Highness to choose the theme "Women: Ambitions & Inspiration for Next 50 Years" reflects her confidence in the role of Emirati women in reaching better future and more prosperous for the nation. Al Owais said that this theme also reflects the efforts exerted by Her Highness to strengthen women's role in all forums and her belief that Emirati women must be an active partner in achieving leadership for the next fifty years. His Excellency added that the UAE history will bear witness for women's contributions and success stories to inspire generations to come.

STRONG SUPPORTERS



HE SUHAIL BIN MOHAMMED FARAJ FARIS AL MAZROUEI,
Minister of Energy and Infrastructure

HE Suhail bin Mohammed Faraj Faris Al Mazrouei, Minister of Energy and Infrastructure, said: "Emirati women are strong supporters of building the nation, the ambitious achievements made by the state and a fundamental pillar in the sustainable development that the United Arab Emirates aspires for over the next fifty years.

Al Mazrouei congratulated all Emirati women on the occasion, expressing his pride of their role as key partners in the sustainable development process in the UAE. He said Emirati women play a key role in building our nation and their efforts are significant in the country's achievements and top rankings in global indicators.

JOURNEY



HE HUSSAIN BIN IBRAHIM AL HAMMADI,
Minister of Education

HE Hussain bin Ibrahim Al Hammadi, Minister of Education, said that on Emirati Women's Day, we proudly witness a march of unprecedented achievements for a country whose leadership believed in the human being as a national wealth, without absence or prejudice to the rights and role of the man's partner, and half of society, which is Emirati women, for whom we have great respect and appreciation, have been able to demonstrate their excellence, the efficiency of their skills, and their influential role in leading many areas of humanitarian and development renaissance in the country.

Al Hammadi highlighted that since the foundation of the UAE Union by the late Sheikh Zayed, the perception of women's issues, rights and role in society has taken a different turn in terms of consolidating their achievements and believing in their abilities. This prepared them to achieve a legacy in every field they work in and every knowledge they acquire.

Al Hammadi said that women occupy a larger number of positions in the educational sector from senior positions to supervisory and administrative positions. They also play a key role in shaping educational policies and harnessing capabilities to advance the UAE's education for generations to come. Emirati women will have a significant role in achieving the 50-year vision, and the leadership relies on them to impart excellence and achievement to national future plans.

PRIDE



HE MOHAMMED BIN AHMED AL BAWARDI,
Minister of Defence

HE Mohammed bin Ahmed Al Bawardi, Minister of Defence, said that the UAE celebrates the Emirati Women's Day in recognition of what the country has achieved in several fields.

"This would not have been possible without the wise leadership support which attached great importance to Emirati women and believed in their role, not only as wives and mothers but also as professional calibre building an integrated society. The country paved the way for women to consolidate their success and capabilities," said Al Bawardi.

"Over the past 50 years, Emirati women made several achievements and excelled through different positions. They proved their responsibility and capability to endure hardships and overcome them to

serve the nation. On this occasion, Her Highness Sheikhha Fatima bint Mubarak, chose the theme 'Women: Ambitions & Inspiration for Next 50 Years' in conjunction with Year of the 50th in the UAE," added Al Bawardi.

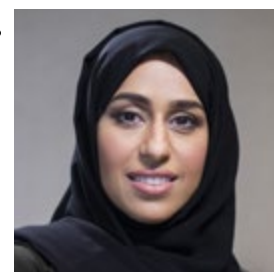


HE NOURA BINT MOHAMMED AL KAABI,
Minister of Culture and Youth

"The Emirati Women's Day is a special occasion for all of us. The UAE celebrates this occasion as part of the wise leadership vision to empower and support women across all sectors. Since the UAE's foundation, Emirati women have been working hard to achieve the wise leadership vision and aspire for a greater role in the next 50 years," said HE Noura bint Mohammed Al Kaabi, Minister of Culture and Youth.

"Emirati women have made great strides in the cultural field. 1,440 women received media accreditation since 2017 and until now. The number of women working in creative fields such as painting, photography, poetry, visuals and others has reached 50% and could be more in other fields," added Al Kaabi.

ACHIEVEMENTS



HE HESSA BIN ESSA BUHUMAID,
Minister of Community Development

HE Hessa bin Essa Buhumaid, Minister of Community Development, said that the great achievements made by Emirati women are the result of the trust and appreciation of the UAE leadership. Such confidence gives Emirati women

recognition of their aspirations, serving as a guideline for all the successes achieved by women at various levels and fields.

Buhumaid lauded the impact and vision of HH Sheikhha Fatima Bint Mubarak, and her selection of the theme of the Emirati Women's Day.

EXCELLENCE



HE ABDULLA BIN TOUQ AL MARRI,
Minister of Economy and Chairman of the Board of Directors of the Securities and Commodities Authority

HE Abdulla bin Touq Al Marri, Minister of Economy and Chairman of the Board of Directors of the Securities and Commodities Authority, confirmed that, over the past five decades of the life of the UAE, Emirati women have been able to write a distinguished path of leadership and creativity, as they have been the best partner for men in the country's growth journey. Their proved their role as major contributors to building the foundations of the future. Today, they have become an inspiring model and a source of pride for women worldwide.

Al Marri added that Emirati women proved their competence for leadership and account for more than 66% of the total workforce in the government sector which is one of the highest percentages in the world. The number of Emirati women working in the private sector with companies registered with the Ministry of Human Resources and Emiratization has reached 57.3%.

EMIRATI WOMEN'S DAY

SUCCESS



HE MARIAM BINT MOHAMMED SAEED HAREB ALMHEIRI,
Minister of Climate Change and Environment

HE Mariam bint Mohammed Saeed Hareb Almheiri, Minister of State for Food and Water Security, said that Emirati women have become a role model, thanks to the UAE's leadership unlimited support. They have made several achievements in a record time in all vital sectors.

"Emirati women, under the wise leadership have provided a qualitative addition to all sectors. They achieved success that makes the nation proud. Today, Emirati society is reaping the harvest of their success," added Almheiri.

DEVELOPMENT



HE DR MAITHA BINT SALEM AL SHAMSI,
Minister of State

HE Dr Maitha bint Salem Al Shamsi, Minister of State, said that celebrating the Emirati Women's Day refreshes our memory with all achievements made by women in several developmental fields. The UAE and its wise leadership provide all opportunities for women to engage in economic activities and bring up future generations.

Al Shamsi highlighted the pioneering role of HH Sheikhha Fatima bint Mubarak, who supports Emirati women and helps them prove their competency in all

fields and decision-making positions in addition to supporting women in all international forums and enabling them a wide range of opportunities.

MODEL



HE DR AHMAD BELHOUL AL FALASI,
Minister of State for Entrepreneurship and SMEs

HE Dr Ahmad Belhoual Al Falasi, Minister of State for Entrepreneurship and SMEs, said that the UAE has consolidated a global model for women empowerment since its foundation by the late Founding Father Sheikh Zayed. The wise leadership supports women and increases their engagement in comprehensive development of all areas.

"Women represent benevolence in the Emirati society and bear a major responsibility in bringing up generations who love the nation and contribute effectively to community development. Emirati women possess knowledge and experience that qualify them to play a bigger role across different sectors," said Al Falasi.

PRIDE



HE DR THANI BIN AHMED AL ZEYAUDI,
Minister of State for Foreign Trade

HE Dr Thani bin Ahmed Al Zeyoudi, Minister of State for Foreign Trade, said that Emirati Women's Day is a special national occasion that reflects the nation's pride in women's achievements

in several development areas as well as celebrates its pivotal contribution to the nation's prosperity over the past five decades.

Al Zeyoudi said that the UAE attached great importance to women empowerment and enhancing their role in different sectors, thanks to the unlimited support of the wise leadership and the follow-up of HH Sheikhha Fatima bint Mubarak. The UAE has developed integrated policies to help women and achieve gender equality in the public sector and other businesses.

SUPPORT



HE OHOOD KHALFAN AL ROUMI,
Minister of State for Government Development and the Future, and Chairwoman of the Federal Authority for Human Resources

HE Ohood Khalfan Al Roumi, Minister of State for Government Development and the Future, and Chairwoman of the Federal Authority for Human Resources (FAHR), said that Emirati women made great achievements over the past 50 years that we aim to double in the next 50 years. This is under the wise leadership support and the follow-up of HH Sheikhha Fatima bint Mubarak.

Al Roumi said that celebrating the Emirati Women's Day under the theme "Women: Ambitions & Inspiration for Next 50 Years," reflects the country's vision to employ national capabilities and especially Emirati women in its growth and development journey.

EFFORTS



HE SHAMMA BINT SUHAIL BIN FARIS AL MAZRUI,
Minister of State for Youth

HE Shamma bint Suhail bin Faris Al Mazrui, Minister of State for Youth, congratulated all women in the UAE, praising their efforts and the achievements made by the UAE in women empowerment as well as other initiatives that are supported by HH Sheikhha Fatima bint Mubarak. Al Mazrui said that it was important to celebrate women's achievements all year long, under the wise leadership's directives.

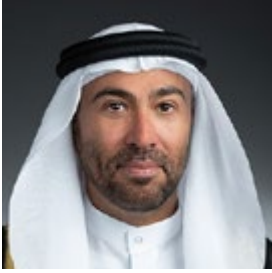
Under the support of HH Sheikh Fatima bint Mubarak, Al Mazrui launched 'We raise you up' campaign to enhance women empowerment in the UAE. The campaign encourages Emirati women to empower their counterparts, train and support them in different areas. Every Emirati woman will support and direct two trainees at least to inspire them and advance their capabilities within a sustainable cycle of knowledge transfer.

ROLE MODEL



HE SARAH BINT YOUSEF AL AMIRI,
Minister of State for Advanced Technology

HE Sarah bint Yousef Al Amiri, Minister of State for Advanced Technology, said that Emirati women have become role models in the region and the world. They reflect an outstanding model of leadership for women in the region because of their achievements in science and knowledge as well as their leadership of tough responsibilities. These achievements are the outcome of a journey started by the late Founding Father Sheikh Zayed and a close follow-up of HH Sheikhha Fatima bint Mubarak.



HE AHMED ALI AL SAYEGH,
Minister of State and Chairman of Abu Dhabi Global Market

"I would like to congratulate Her Highness Sheikh Fatima bint Mubarak, on Emirati Women's Day. We are grateful for her efforts to empower women and promote gender equality across different sectors in the UAE. We are also grateful for all Emirati women for their contributions to society," said HE Ahmed Ali Al Sayegh, Minister of State and Chairman of Abu Dhabi Global Market (ADGM).

"Emirati women have always been an indispensable driving force. They contributed to social, financial, and economic achievements over the past 50 years. They also held vital positions in different sectors such as investment and banking. I believe they will continue their leadership in different sectors which enhances the UAE's economy," added Al Sayegh.

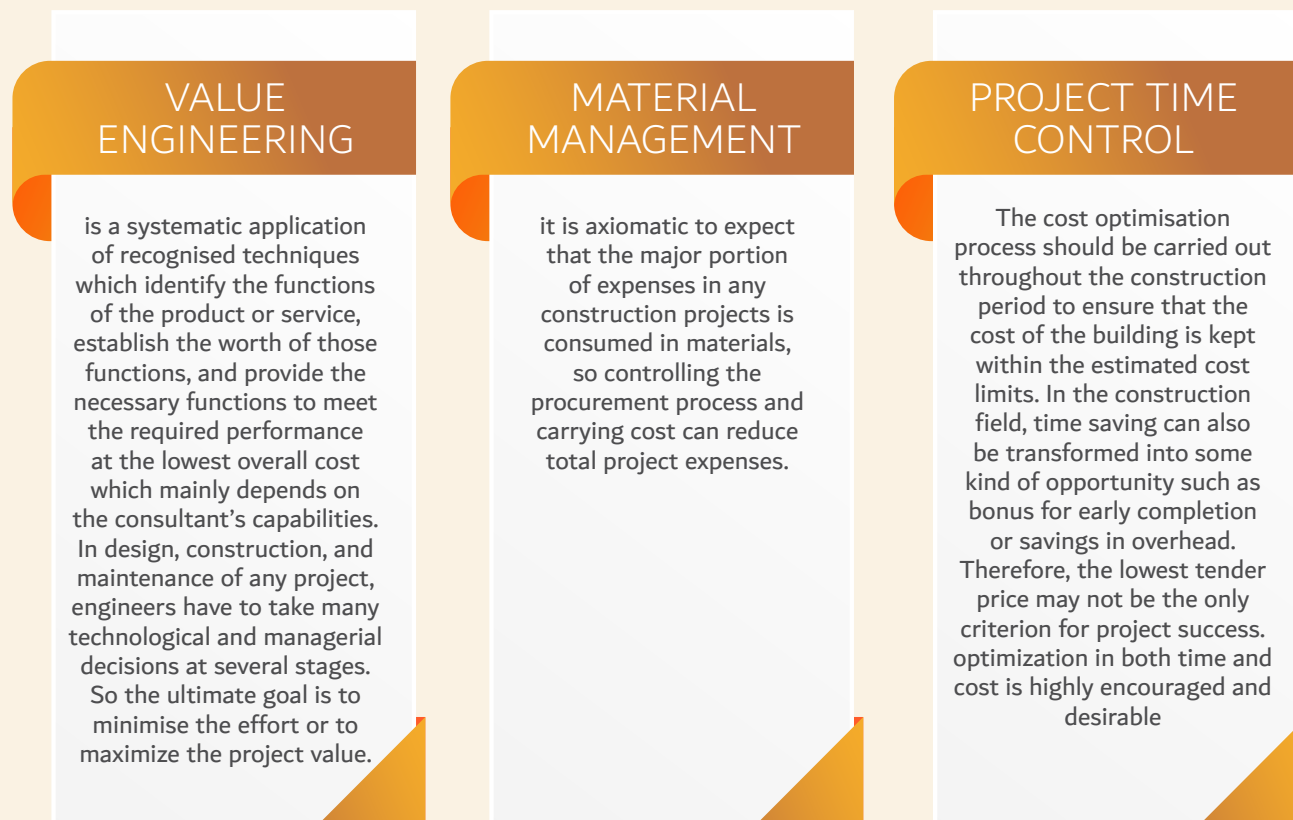
Engineering Doses/Tips

We continue with 'Engineering Doses/Tips', a community-educational initiative, through which the Transmission – Power division at DEWA strives to build educational awareness by sharing tips to make the right engineering decisions.

Tip #13 COST OPTIMISATION IN BUILDING PROJECTS

As we explained in Dose No#3, you need to fix your project budget with the estimated cost, so it very essential to optimise your cost to avoid going beyond your fixed budget.

There are various cost-effective techniques of construction projects, all of them are energy efficient and easy to implement. There is a need for the adoption of strong, durable, environment friendly, ecologically appropriate, energy efficient projects and yet cost effective materials and appropriate technologies in construction, such as:



In addition to the mentioned techniques, you can also consider the following tips while running your project:-

1. Figure out what's only important to your needs, then design with an eye for future changes.
2. Keep the big picture in mind, don't focus too hard on small things.
3. Take advantage of family and friend connections and make sure to figure out cost of living in your proposed build location.

Tip #14 Contracts and Types in Building Projects

CONTRACT DEFINITION:

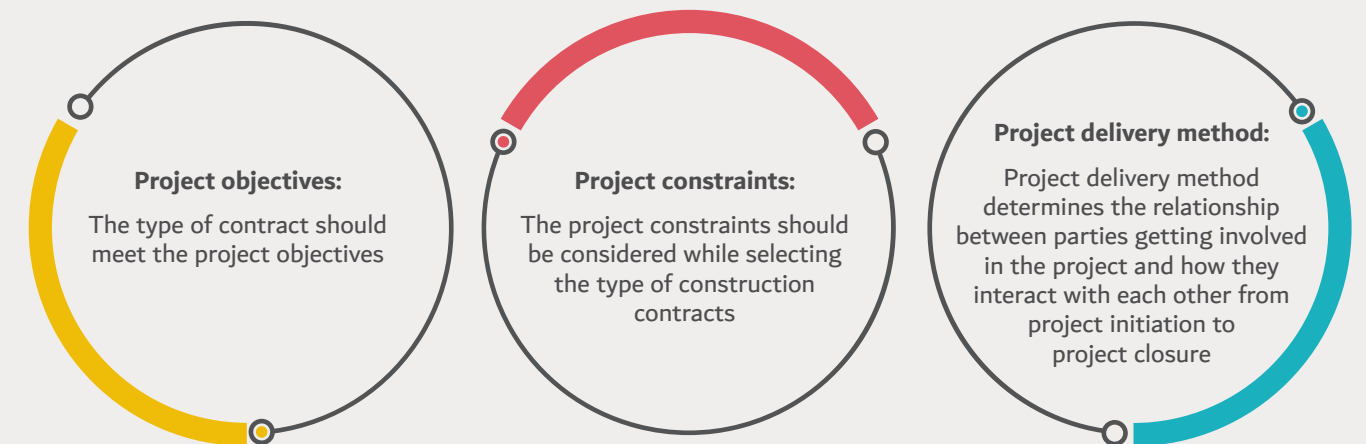
A contract is a legally binding agreement between two parties that will complete the work and be compensated accordingly.

CONTRACT OBJECTIVES:

- Describe scope of work
- Establish time frame
- Establish cost and payment provision
- Minimise disputes
- Improve economic return of investment
- Set parties obligations and relationship

SELECTION OF TYPES OF CONSTRUCTION CONTRACTS:

You need to know that, every project has its special circumstances, so it is important to select the contract type which suits the project, and to develop the contract considering the factors which affect the selection of construction contract, such as:-



Tip #15

Contract Types Commonly Used in UAE

LUMP SUM CONTRACTS

- A Fixed Price Contracts: This is very widely accepted contracting method. It is called a Lump Sum because the contractor submits the total price of the project instead of bidding on individual items. This type of contract is preferred when a clear scope and a defined schedule is ready with the client.
- B Lump Sum & Measurement contracts are generally used in situations where the design can be described in reasonable detail, but the amount cannot. For example, excavation works where the quantity of excavation required is difficult to measure until after the works have begun. The contract sum for measurement contracts is not sfinalised until the project is complete. At this point it is measured or based on re-measurement of the actual amount of work carried out.
- C Lump Sum & Provisional sum is an allowance usually estimated by a cost consultant, that is inserted into tender documents for a specific element of the works that is not yet defined in enough detail for tenderers to accurately price. It is used in pricing construction contracts to refer to work which is truly provisional, in the sense that it may or may not be carried out at all, or to work whose content is undefined, so that the parties decide not to try to price it accurately when they enter into their contract.

Advantages

- Low risk on client and high risk on the contractor
- Fixed Construction Cost is known at the beginning of the project
- Minimise change orders
- Contractor will assign best personnel to complete the project faster
- Contractor selection is very easy

Disadvantages

- The project needs to be designed completely before the commencement of activities
- Changes are difficult and costly
- Contractor is free to choose low-cost material, equipment and methods

COST PLUS CONTRACTS

In this type of contract, the contractor is repaid for actual costs with a fixed percentage of costs to cover services. This type of contract is suitable when the client is not ready with the design of project or when it is not possible to estimate the cost of project with reasonable accuracy and when there is urgency.

Advantages

- Construction can start before design is completed
- Higher quality since the contractor uses best material and labour
- If the contractor is efficient in the utilisation of resources and materials then the cost to the client will be fair for the project undertaken

Disadvantages

- The final contract price is completely unknown.
- Contractor may deliberately use higher prime cost in order to increase profit.

PRO TIP

Before signing a contract make sure that it protects the interest of both client and contractor. Construction contracts entail a great deal of money and risk, so you want to make sure you choose the right type of contract. This means doing your research because once you sign your name, there's no going back! With a little extra effort, you can customise the right contract for you and your project.

Tip #16

Legal Issues for Building Project Contracts

The client should be aware of contract requirements to avoid any legal issues and rationing project's costs. Some of the most prominent provisions that may affect the construction process of your building are:

1. SCOPE OF WORK/PERFORMANCE DUTIES PROVISION:

This clause is meant provide the client and the contractor with a clear description of the work to be performed which includes the following:

1. Client duties and responsibilities,
2. Contractor duties and responsibilities,
3. Work that is going to be undertaken by the contractor and how that work is completed,
4. How the client and contractor will handle unforeseen events and
5. Quality of work expected from the contractor.

In addition, it is recommended to develop a Scope of Work / Performance Duties Provision that is mutually agreeable to prevent any disruptions or at least minimise their resolution before commencement of construction works and includes things such as:

- Incorporation by reference to the project's design documents and specifications provided by the consultant
- Assurances that the contractor will meet the standards and specifications set out in the design documents
- Descriptions of express warranties by the contractor that work performed will meet the requirements set out in the design documents and specifications
- Descriptions of dispute resolution systems that will quickly and effectively handle any issues that arise during the construction phase
- Descriptions of heightened standards of workmanship that you expect the contractor to meet

2. PAYMENT PROVISIONS

The Payment Provision is meant to detail how the client will be paying the contractor, which is usually drafted as a schedule of values. As the construction of building progresses, the contractor will periodically certify what amount of work is completed, in accordance with this provision. One of the most common issues with this provision is that it leaves out how the contractor will certify what amount of the work has been completed resulting in giving great freedom to the contractor to make their own determination as to what amount of the line items has been completed. This leaves the client with no alternative but to accept their determination and make the requisite payments. However, if the client believes that the contractor has inaccurately estimated the amount of work completed or that the work is defective and is not worth the full payment, the client withholding payment may be viewed as a breach of contract. The consequence of this is that the contractor is likely to cease performance and seek recovery for labour and materials already furnished or continue performing and seek a larger judgment for contract damages.

To avoid these issues, the best thing the client can do is make sure that this provision details how the contractor will assess the completeness of a line item. Additionally, the assigned consultant can set a method by which disputes over completion of line items are free of defects, and payment of those line items can be handled without resorting to litigation.

Tip #17

Legal Issues for Building Projects Contracts

Please take a note of the following, for the most prominent provisions that may affect the construction process of your building:

PROJECT CHANGES AND CHANGE ORDERS PROVISION

The Project Changes and Change Orders Provision can be viewed as two separate provisions. It is meant to detail how any changes both the client and the architect make to the plans and specifications of the building that will be handled by the contractor. The most common issue that arises involving this provision is that most commercial construction contracts will not include the Change Orders portion of the provision. The result of this is that most contractors will inflate their contract price in order to cover any possible project changes that the client or the architect may make prior to or during the construction of the building. The easiest way to avoid this issue is to include the Change Orders portion of the provision in the contract. With the help of an independent counsel and careful negotiation of the Change Orders portion of the provision, the client may benefit by:

- a. Receiving less inflated bids from contractors due to the client willingness to allow them to recalculate the costs they will experience as a result of any changed building plans.
- b. Save money in the long run because the client will not be paying contractors for construction contracts/bids that take into account possible project changes that may never actually occur.
- c. Most importantly, there will be a respectful working relationship between the client and the contractor because of the willingness to acknowledge their concerns when bidding for commercial construction contracts.

DELAYS PROVISION

The Delays Provision is meant to detail the procedures through which contractors can claim time extensions and/or amends for events which the contractor bears no responsibility over. This provision typically ensures that contractors will be compensated for compensable events that delayed work on the project. These compensable events are commonly referred to as “force majeure” events.

The most common types of events for which a contractor may receive compensation despite the project’s delay include labour disputes, material shortages, and actions taken by government agencies that resulted in delays to the project.

This Provision is drafted in a way that allows contractors freedom to separately extend a project timeline, and still be compensated for both compensable and non-compensable delays. The consequence of this is that the project will take longer to complete than what was originally expected, and the client will be paying extra for the services of the contractor. With the use of careful drafting and negotiations with the contractor, the client and independent counsel can create a list of events that are both compensable and non-compensable. This list, which should be included in this provision, will not only guarantee that both the client and the contractor know exactly what delays or damages will be compensated for, but will insure that if a non-compensable event occurs, the contractor will know that they are fully responsible for any expenses incurred as a result of it.



Tip #18

Project Tendering & Bidding

Once you are ready to start a project such as design drawings and specifications, you and the consultant move to the actual phase, by assigning the job to a contractor through a stage called tendering and bidding by floating the tender documents to specific short-listed contractors or to the public through advertising.

In construction, the main tender process generally is the selection of the contractor that will construct the works. However, as procurement routes became more complex, tenders may be sought for a wide range of additional functions and services that contractors may take on such as design and management.

Regardless of the nature of the services that are being sought, the process for securing or floating tenders may take a number of different basic forms described as follows:

| OPEN TENDERING | SELECTIVE TENDERING | DIRECT ASSIGNMENT | SERIAL TENDERING |
|---|---|---|--|
| which allows anyone to submit a tender that supplies the services required. Generally, an advertisement will be placed giving notice that the contract is being tendered, and offering an equal opportunity to any organisation to submit a tender. | only allows contractors to submit tenders by invitation. A pre-selected list is prepared of possible contractors who are known by their track record considering the size, nature and complexity required. Consultants or experienced clients may maintain ‘approved’ lists of prospective contractors and then regularly review performance to assess whether contractors should remain on the list. | Negotiating with a single contractor (Direct Assignment): may be appropriate for highly specialist contracts, or for extending the scope of an existing contract. It can reduce the costs of tendering and allow early contractor involvement, but the competitive element is reduced, and unless the structure of the negotiation is clearly set out, there is the potential for an adversarial atmosphere to develop, even before the contract has been awarded. This is due to the lack of other inputs in the comparison. | involves the preparation of tenders based on a typical or notional bill of quantities or schedule of works. The rates submitted can then be used to value works over a series of similar projects, often for a fixed period of time following which the tendering procedure may be repeated. |

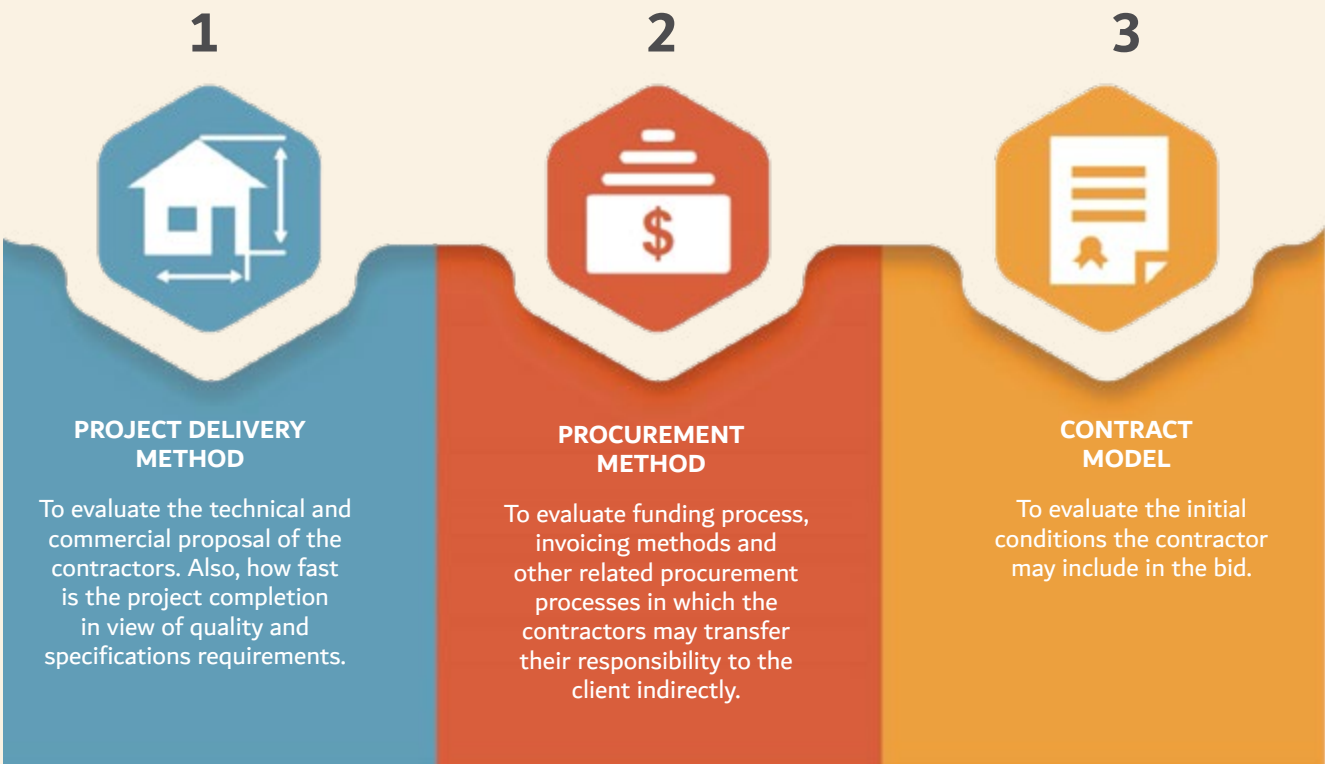


TIPS AND TRICKS

Tip #19

Project Tendering & Bidding

A construction bid process provides the client with a proposal to build or manage the building of a structure. Three major factors shape the client decisions for construction bidding type:




Each choice which an owner makes translates into different responsibilities, risks, costs, and profit formulas for the bidder.

The integration of the client experiences along with the consultant will shape the decision in view of cost limitation as well as the strength of the technical proposals from the contractors.

It is highly recommended to obligate the bidders to fill a compliance statement with all terms and conditions specified in the tender documents.

Tip #20

Contractor Appointment



Contractor appointment is a vital role to the success of a project therefore, great care should be taken to ensure an appropriate contractor is selected. Once the successful contractor has been selected a period of negotiation and attribution will begin. A standby contractor may be reserved in the event that negotiations with the preferred contractor are unsuccessful.

The contract administrator who could be either the client or the consultant then gathers the contract documents and arranges for printing and execution of two copies, one for the client and one for the contractor. Alternatively, the client might retain one executed contract, with certified copies being issued to the contractor, this can avoid potential errors in preparing two contracts for execution.

The contractor is required to provide a performance bond, warranties, evidence of insurance cover and so on. Contract award and contract execution may not necessarily happen at the same time. In fact, it is relatively common (although not advisable) for contracts to remain unsigned until after work has begun.

DIFFERENT FORMS OF CONTRACTOR APPOINTMENT:

When drafting an appointment, the parties might use different approaches, each one having its advantages and disadvantages:

- **Bespoke appointment:** this will often be based on a form of appointment which has been prepared by the client, consultant or their attorneys. The appointment will then be amended to suit a particular project and/or particular circumstances. While this form of appointment does allow the parties to address any unique issues, it may take longer to complete.
- **Standard form (template) appointment:** there are many different standard forms of appointment which are recognised in the construction industry. These forms seek to provide an "off the shelf" contract for the parties to use, avoiding the need to draft the appointment from scratch and hopefully saving time negotiating the contract. However, they will usually be drafted to benefit one party more than the other. Therefore, it is important to remember that it will be necessary to still review this form of appointment thus leading to possible needed amendments.

Tip #21

Building Permits

After the contractor appointment, the client and the dedicated contractor of the project will start the live cycle of the project and the first step of this process is getting a “Building permit”.

Building permits are a type of authorisation usually submitted by Contractors, that must be granted by a government sector such as Dubai Municipality, Nakhel, DDA, JAFZA, or other regulatory firms under Dubai government. Building permits are obtained before the construction of a new building or refurbishment of existing building following the prepared design documents made by the Consultant.

Building permits are based on an approved affection plan obtained by the client, which indicates an official site plan that includes the layout and dimensions of the plot. In case it is a plot, then the affection plan is issued by Dubai Municipality and obtained by the property developer or the client. In case it is a villa or apartment, then the affection plan is prepared by the developer and must be approved by Dubai Land Department. The contractor is required to provide a performance bond, warranties, evidence of insurance cover, and so on. Contract award and contract execution may not necessarily happen at the same time. In fact it is relatively common (although not advisable) for contracts to remain unsigned until after work has begun.

THE BUILDING PERMIT PROCESS:

- Request the contractor to contact the local building authority and describe the project you want to do. If a permit is required, an application form will be provided to the client / contractor that outlines the requirements for applying for a building permit. Some construction jobs may require multiple permits. A major remodeling project, for example, might require architectural /construction permit, an electrical, water & RTA NOC.
- Prepare the permit application, including whatever additional materials may be required. Construction projects may require drawings of the planned work.
- Contractor to submit the building permit application and pay the fees required. The related authority will issue you with the official permit certificate.
- As work begins, ensure that the contractor posts the building permit certificate as required by law. This may mean taping the permit to a signboard near the work site including all terms and conditions.
- At the designated points during the work, it is essential for the contractor to call the inspection office to arrange for an inspector to visit the worksite and review the quality of the work. If the inspector orders any changes to the work, complete these changes, and have the inspector return to review the work again with the assistance of the Consultant and Contractor.

COMMON BUILDING PERMITS TYPES:

- Mobilisation Permit
- Excavation Permit
- Shoring Permit
- Piling Permit
- Sub-Structure Permit
- Final Building Permit

Tip #22

Kick-off Meeting in construction projects

After assigning the contractor to the job, and obtaining all the required permits to commence the construction works, it is highly recommended to start the actual work with a “Kick-off Meeting” with all project related teams (Contractor& Consultant).

The goal of the project kick-off meeting is for all parties involved to leave the meeting with a clear vision of the project and the deliverables that will be necessary for a successful execution. This is why it is extremely beneficial to use the project kick-off meeting agenda to set the tone for the rest of the project and ensure that the entire team is on the same page. The project kick-off meeting agenda should include the following:

1. Background: present a summary that illustrates project targets & achievements. Make sure to welcome everyone and make any necessary introductions. The success of the project depends on collaboration between all parties involved so it is important to get to know each other. Then, present a project summary that will illustrate the purpose of the project, project targets and achievements, and how to make that achievement possible. Be sure to include any historical context that may add to an overall better understanding of the purpose behind the project.
2. Purpose: create a clear and concise mission statement. Creating a clear and concise mission statement is an essential component of a project kickoff meeting agenda. It may be helpful to think about the project through the eyes of the audience or stakeholders and team accomplishments for the all end-users. It will also be strategic to think about contenders who are rolling out or who have successfully completed similar projects in the past.
3. Scope: Get into the scope details, such as specific tasks and activities. To be confident that deliverables will be on time and within budget, having a clear scope is essential to the project’s success. In this part of the meeting, get into the scope details, such as specific tasks, activities and any problems that need to be solved. This will clarify the expectations that need to be met by the end of the project.



US releases blueprint on lithium batteries

The US Federal Consortium for Advanced Batteries (FCAB), under the umbrella of the US Department of Energy, released a new report entitled 'National Blueprint for Lithium Batteries 2021-2030'. The document identifies a national blueprint that targets investments in the "urgent development of a domestic lithium-battery manufacturing value chain" that aims to build a sustainable future and a carbon free economy while ensuring equitable manufacturing jobs in America.

According to the report the worldwide lithium battery market is expected to grow by a factor of 5 to 10 in the next decade.

"Lithium-based batteries power our daily lives from consumer electronics to national defense. They enable electrification of the transportation sector and provide stationary grid

storage, critical to developing the clean-energy economy. The U.S. has a strong research community, a robust innovation infrastructure for technological advancement of batteries, and an emerging lithium-based, battery manufacturing industry," said Jennifer M. Granholm, Secretary of Energy U.S. Department of Energy.

"Establishing a domestic supply chain for lithium-based batteries requires a national commitment to both solving breakthrough scientific challenges for new materials and developing a manufacturing base that meets the demands of the growing electric vehicle (EV) and stationary grid storage markets," added Granholm.

Even before Biden took office, late last year four federal government agencies: the Department of Energy, Department

of Commerce, Department of Defense and Department of State jointly formed a consortium called FCAB, in a bid to explore new opportunities, and support domestic industry.

Lack of industrial policy and strategy, and vulnerability to supply chain disruption were holding back the US position in global battery manufacturing, according to the report.

The US has a clear vision for the Lithium-Battery Supply Chain. By 2030, the United States and its partners will establish a secure battery materials and technology supply chain that supports long-term U.S. economic competitiveness and equitable job creation, enables decarbonisation, advances social justice, and meets national security requirements, according to the report.



Dubai achieves highest real-estate sales transactions record in 8 years



Dubai's real estate sector has maintained an increasing pace of performance, reflecting the vitality, flexibility and attractiveness of Dubai's property market by recording sales transactions worth AED 14.79 in June 2021, which is the highest in value in eight years, specifically since December 2013 according to the 16th edition

of Mo'asher, Dubai's official sales price index, launched by Dubai Land Department (DLD) in cooperation with Property Finder.

The sales transactions in June 2021 recorded 6,388 transactions which are 44.33% higher in terms of volume and 33.2% in value compared to May 2021.



Dubai Economy grants 112,056 licenses for LLC companies

A report by the Business Registration & Licensing (BRL) sector of Dubai Economy showed that the total number of licenses for limited liability companies has reached 112,056 licenses in Dubai. The licenses comprised different categories, with 97% commercial and the remaining 3% distributed among professional, industrial and tourism licenses.

The report highlighted the distribution of licenses for limited liability companies according to the main district of Dubai. The largest share was the Bur Dubai district with a total of 58,725 licenses, then Deira with a total of 53,191 licenses, and Hatta with 140 licenses.

The report also indicated that the total number of limited liability company licenses during the first five months of 2021 reached 8,639.

RTA says that Dubai has made significant progress in transformation to a sustainable city



HE Mattar Mohammed Al Tayer, Director-General of the Roads and Transport Authority, (RTA), said that under Dubai's leadership, the city has made great strides in the transformation to a sustainable city.

Al Tayer made these remarks during a keynote session of Moscow Urban Forum (MUF) that brings together governors of major global cities, and

experts in urban planning, to discuss key topics with the leaders of the real estate sector across the world.

"Over the last 15 years, RTA had undertaken roads and transport projects worth more than AED145 billion highlighted by constructing the Dubai Metro and Tram projects, beefing-up the public bus fleet from around 600 buses in 2006 to over 1,700 buses in 2020,

and increasing the cycling track network from 10 kilometres in 2006 to over 463 kilometres in 2020. We plan to increase the network to around 750 kilometres in 5 years, which will position Dubai among the top bicycle-friendly cities. RTA's efforts contributed to positioning the UAE as the first globally in the quality of roads for five years in a row (2013-2017) according to the reports of the World Economic Forum," said Al Tayer in his speech.