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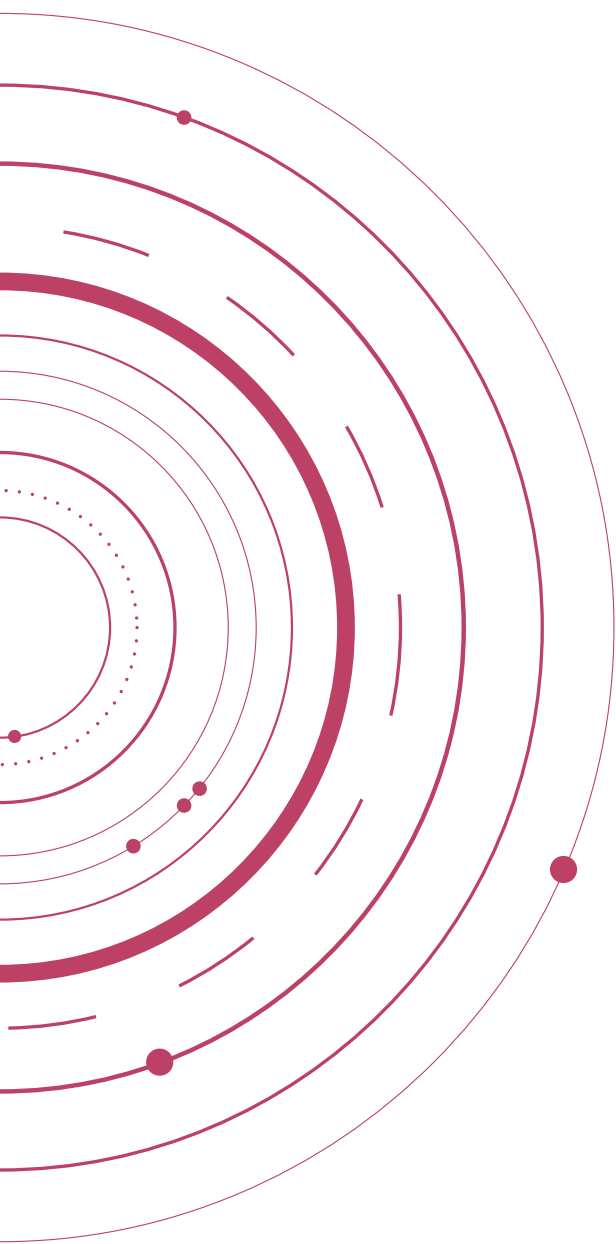
# MASDAR

**HH SHEIKH MOHAMMED BIN RASHID AL MAKTOUM  
WITNESSES SIGNING OF AGREEMENT BETWEEN MASDAR  
AND DEWA TO DELIVER 6TH PHASE OF WORLD'S  
LARGEST SINGLE-SITE SOLAR PARK PV PROJECT**



Principal Pathway Partner





“

We have moved beyond the phase of empowering women.  
Indeed, we are empowering society itself through its women.

”

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**HH Sheikh Mohammed bin Rashid Al Maktoum**

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



## Our Purpose

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

## Our Vision

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

## Our Mission

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

## Our Values

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

## Our Motto

For generations to come.



## MD & CEO MESSAGE

**HE SAEED MOHAMMED AL TAYER**  
MD & CEO of DEWA

### GLOBAL LEADERSHIP IN CLIMATE ACTION CONSOLIDATED BY THE FORWARD-LOOKING VISION OF THE WISE LEADERSHIP

Thanks to the forward-looking vision of His Highness Sheikh Mohamed bin Zayed Al Nahyan, President of the UAE; and His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, the UAE continues its global leadership in climate action and increasing the share of renewable and clean energy in the energy mix. The UAE ranks among the top world leaders in solar energy use, according to the Statistical Review of World Energy Report 2023 published by the Energy Institute in the UK. The UAE is the 6th highest per capita consumer of solar energy in the world, and first in the Arab world, at 1,921 kilowatt-hours. This high ranking confirms that the UAE is steadily moving towards reaching net zero by 2050.

His Highness Sheikh Mohammed bin Rashid Al Maktoum said, "We're on track to achieve our ambitious goal - 100% clean energy for Dubai by 2050." His Highness made these remarks when he honoured us by witnessing the signing of the agreement between DEWA and Masdar, Abu Dhabi Future Energy Company, to build and operate the sixth phase of the Mohammed bin Rashid Al Maktoum Solar Park, the largest single-site solar park in the world, using the Independent Power Producer (IPP) model.

At DEWA, we are working to achieve this noble goal by implementing leading, clean and renewable energy projects, making Dubai a global benchmark for efficiency in solar energy projects. Once again, we have achieved the lowest price per kilowatt hour (kWh) of solar energy for the 1,800MW 6th phase of the Mohammed bin Rashid Al Maktoum Solar Park. When completed in 2026, this phase will provide clean energy to approximately 540,000 residences in Dubai and will raise

the production capacity at the solar park to 4,660MW. By 2030, the solar park will reduce around 6.5 million tonnes of carbon emissions annually.

Other clean energy projects that DEWA is implementing include the pumped-storage hydroelectric power plant in Hatta with a planned production capacity of 250MW and a storage capacity of 1,500 megawatt-hours. The project, which is the first station of its kind in the GCC region, is planned for completion in Q1 of 2025.

With the support and directives of the wise leadership, we continue our efforts in climate work in the Year of Sustainability through leading projects and plans to increase the share of clean and renewable energy to contribute to realising the vision of the wise leadership for the Conference of the Parties to the United Nations Framework Convention on Climate Change (COP28), which will be hosted by the UAE at Expo City Dubai from 30 November to 12 December 2023, to be the most successful global climate event. COP28 will consolidate the UAE's leading position in climate action and its pioneering role as a role model in implementing major projects to ensure net zero by 2050. DEWA's participation as a Principal Partner of COP28 is part of our endeavour to support the UAE's efforts in the field of sustainability. During our participation, we will showcase our key initiatives and projects to achieve the Dubai Clean Energy Strategy 2050 and the Dubai Net Zero Carbon Emissions Strategy 2050 to provide 100% of Dubai's total power production capacity from clean energy sources by 2050.

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## MOST LOVED PHOTO



محمد بن زايد  
@MohamedBinZayed

I was honoured to join my brother Mohammed bin Rashid to celebrate the homecoming of our astronaut Sultan Al Neyadi. The people of the UAE are united in pride for his remarkable achievement, which has further advanced our nation's space exploration ambitions.



## COVER STORY



### HH Sheikh Mohammed bin Rashid Al Maktoum witnesses signing of agreement between Masdar and DEWA to deliver 6th phase of world's largest single-site solar park PV Project

His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, witnessed the signing of an agreement between the Dubai Electricity and Water Authority PJSC (DEWA) and Masdar, Abu Dhabi Future Energy Company PJSC, to build and operate the 1,800 megawatt (MW) sixth phase of the landmark Mohammed bin Rashid Al Maktoum Solar Park, featuring a cost of up to AED5.51 billion.

The agreement was signed in the presence of His Highness Sheikh Mansour bin Zayed Al Nahyan, Vice President and Deputy Prime Minister of the UAE and Minister of the Presidential Court; His Highness Lt. General Sheikh Saif bin Zayed Al Nahyan, Deputy Prime Minister and Minister of the Interior; His Highness Sheikh Abdullah bin Zayed Al Nahyan, Minister of Foreign Affairs; and His Excellency Mohammad bin Abdullah Al Gergawi, Minister of Cabinet Affairs.

HH Sheikh Mohammed bin Rashid Al Maktoum said: "Today, I witnessed with Mansour bin Zayed the signing of an agreement between the Dubai Electricity and Water Authority (DEWA) and Masdar, Abu Dhabi Future Energy Company, to implement the sixth phase of the world's largest single-site solar park, at a cost of AED5.5 billion. This phase will power over half a million residences while reducing carbon emissions by 2.36 million tonnes annually. All phases of this landmark project are expected to be completed by 2030, with a total investment of AED50 billion. We're on track to achieve our ambitious goal - 100% clean energy for Dubai by 2050."

His Excellency Dr. Sultan Al Jaber, UAE Minister of Industry & Advanced Technology, Chairman of Masdar and COP28 President-Designate, and His Excellency Saeed Mohammed Al Tayer,

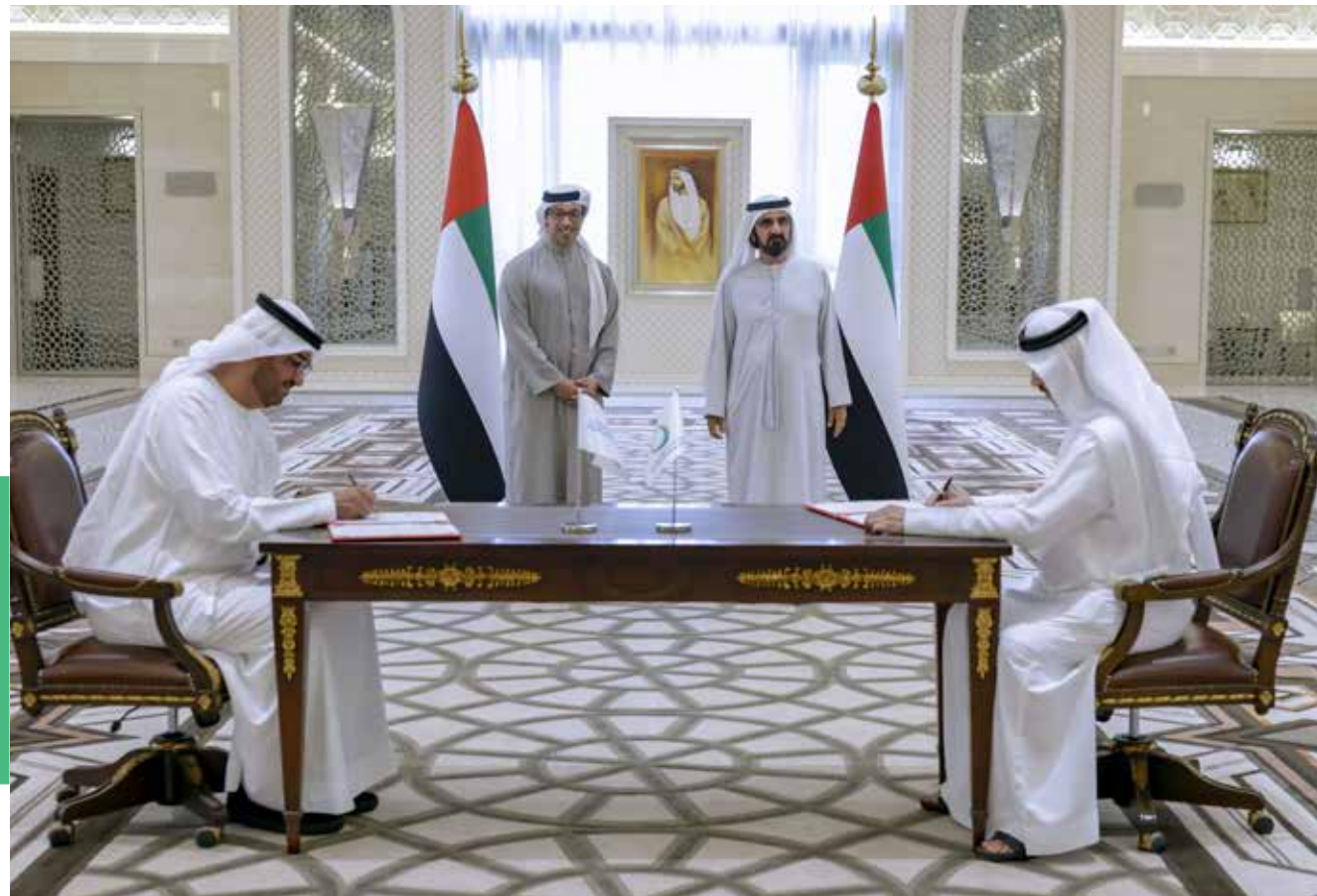
Managing Director & Chief Executive Officer of DEWA signed the agreement in Abu Dhabi.

The UAE's clean energy powerhouse was selected from 23 high-calibre international bidders and offered a Levelised Cost of Energy (LCOE) of USD1.6215 cents per kilowatt hour (kWh), the lowest of any of DEWA's solar Independent Power Producer (IPP) model projects to date. The current total production capacity of solar projects at the solar park is 2,427MW. DEWA is building another project with a total capacity of 433 MW. The 1,800MW sixth phase of the solar park will increase total production capacity to 4,660MW.

His Excellency Dr. Sultan Al Jaber said: "Being awarded this landmark renewable energy project on the world's largest single-site solar park is another significant milestone for Masdar. It is a testament to Masdar's track record



## Dubai Electricity and Water Authority PJSC announces solid second quarter results with a stellar increase in operating cash flow



in pioneering clean energy projects as we continue to support the UAE's Net Zero by 2050 strategic initiative. Ahead of our nation hosting COP28 later this year, it is vital that the world triples global renewable energy capacity by 2030 to keep the ambition of 1.5 degrees within reach. This landmark project demonstrates definitive action in our shared journey towards a cleaner, greener future."

His Excellency Saeed Mohammed Al Tayer, MD & CEO of DEWA, said: "In line with the vision and directives of His Highness Sheikh Mohamed bin Zayed Al Nahyan, President of the UAE; and His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, we are committed to achieving a balance between development and environmental sustainability across social, economic and environmental plans. This underscores the UAE's prominent status as one of the world's largest investors in clean and renewable energy projects. It also affirms our support for the UAE's hosting of the COP28 at Expo City Dubai, aligning our strategies and policies with the

UN Sustainable Development Goals 2030 in sustainability, innovation and future-making."

Al Tayer added: "Dubai is a pioneer in launching programmes, projects and initiatives that promote sustainability, a green economy and preserving natural resources for future generations. Abu Dhabi Future Energy Company (Masdar) was selected as the Preferred Bidder to build and operate the 1,800MW sixth phase of the Mohammed bin Rashid Al Maktoum Solar Park for using photovoltaic solar panels based on the Independent Power Producer (IPP) model, costing up to AED5.51 billion.

When completed, this phase will provide clean energy to approximately 540,000 residences and reduce 2.36 million tonnes of carbon emissions annually. Through phase VI, DEWA has achieved the lowest Levelised Cost Of Energy (LCOE) of USD1.6215 cents per kilowatt hour (kWh). At DEWA, we have a proven track record of clean and renewable energy, emission reduction, and attracting competitive global prices for clean and renewable energy projects. We enhance sustainability in all our

projects and initiatives to achieve the goals of the Dubai Clean Energy Strategy 2050 and the Dubai Net Zero Carbon Emissions Strategy to provide 100% of Dubai's total power capacity from clean energy sources by 2050."

Mohammed Jameel Al Ramahi, Masdar CEO, said; "Following our successful delivery of phase three of the Mohammed bin Rashid Al Maktoum Solar Park as part of an international consortium, this latest award once again shows that Masdar is a global leader in clean energy as we move forwards from 20GW capacity today to reach 100GW of clean energy capacity by 2030 driving decarbonisation at home and abroad."

When fully completed, the solar park will reduce over 6.5 million tonnes of carbon emissions annually. The 1,800MW sixth phase will become operational in stages starting from Q4 of 2024.

Masdar, the UAE's clean energy powerhouse established in 2006, is committed to achieving at least 100 GW of total renewable energy capacity by 2030. It is active in more than 40 countries and has invested in a portfolio of renewable energy projects with a combined capacity of more than 20 GW.

**Dubai Electricity and Water Authority PJSC (ISIN: AED001801011) (Symbol: DEWA)**, the Emirate of Dubai's exclusive electricity and water services provider, which is listed on the Dubai Financial Market (DFM), reported its second quarter 2023 consolidated financial results, recording quarterly revenue of AED 7.3 billion and net profit of AED 1.98 billion. For the first six months, DEWA's consolidated revenue was AED 12.7 billion and net profit was AED 2.7 billion. By the end of H1, 2023, the Company's net cash from operating activities increased by a record AED 837 million to AED 5.4 billion, representing a stellar 18.2% increase versus the same period for the last year.

### Robust on the ground fundamentals are driving top line growth

DEWA's first six month consolidated revenue increase of 5.4% to AED 12.7 billion was mainly driven by an increase in demand for electricity, water, cooling services and an increase in the revenues of DEWA's other portfolio of assets. Revenue growth for electricity, water and cooling increased by 5.7%, 3.8% and 4.9% respectively. DEWA's other portfolio of assets grew their revenue by 7.8%. During the second quarter consolidated revenue increased by 4.1% to AED 7.3 billion, driven by an increase in

demand for electricity, water and cooling services and an increase in the revenues of DEWA's other portfolio of assets.

Demand for power in the second quarter reached 14.3 TWh compared to 14.0 TWh for the same period in 2022. DEWA's second quarter gross heat rate for power was 8,230 BTU / kWh, which is a 4.2% improvement compared to the same period in the last year, reflecting higher operational efficiency resulting from the Company's targeted sustainability and environmental efforts. Demand for water in the second quarter of 2023 reached 35.3 billion imperial gallons (BIG), representing a 4.6% increase. By the end of the second quarter of 2023, DEWA served 1,184,711 customer accounts, representing an increase of 14,998 customer accounts from the first quarter of 2023.

### Net Profit Reconciliation

Compared to the first half of 2022, DEWA's first half 2023 net profit was impacted as a result of an increase in net finance costs, and depreciation. Net finance costs were higher by AED 262 million as a result of increase in EIBOR during the last 12 months, and as a result of a reduction in capitalised interest of new IPP projects that have been commissioned. In addition,

depreciation has increased by AED 190 million due to new IPP projects that were commissioned, adding to DEWA's generation capacity.

### Quote

"At DEWA, we continue the journey of excellence and sustainable growth guided by the vision of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, and the directives of His Highness Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum, Crown Prince of Dubai and Chairman of the Executive Council of Dubai, and His Highness Sheikh Maktoum bin Mohammed bin Rashid Al Maktoum, First Deputy Ruler of Dubai, Deputy Prime Minister and Minister of Finance. DEWA's continued focus on smart project delivery, innovation and accelerating digital transformation have bolstered our top line results and our operating cash flow performance through the first six months of 2023. We are committed to advancing strategic priorities of sustainability focused smart growth, enhanced customer happiness, globally leading operational excellence and attractive capital returns for our shareholders," said **HE Saeed Mohammed Al Tayer, MD & CEO of DEWA.**





## DEWA selects Preferred Bidder for 1,800MW Solar PV IPP Project – Sixth Phase of the Mohammed bin Rashid Al Maktoum Solar Park

HE Saeed Mohammed Al Tayer, MD & CEO of DEWA announced that the Abu Dhabi Future Energy Company PJSC –Masdar is the Preferred Bidder to build and operate the 1,800MW 6th phase of the Mohammed bin Rashid Al Maktoum Solar Park using photovoltaic (PV) solar panels based on the Independent Power Producer (IPP) model, costing up to AED 5.51 billion.

DEWA has achieved, through phase VI, the lowest Levelised Cost of Energy (LCOE) of USD 1.6215 cents per kilowatt hour (kWh) for any of DEWA's Solar IPP Projects so far. DEWA has received 23 expressions of interest from international applicants to develop this project. Subsequently, the Request for Qualification (RFQ) was released to market on 15th November 2022.

The projects at the Mohammed bin Rashid Al Maktoum Solar Park, the largest single-site solar park in the world, are of great interest to international developers and reaffirms investor confidence in the significant projects supported by the Government of Dubai. DEWA has attracted huge investments to the UAE from the private sector and foreign banks, leading to increased cash flow to the economy of Dubai and the UAE. The current total production capacity of solar projects at the solar park is 2,427MW. DEWA is building another project with a total capacity of 433 MW. The 1,800MW 6th phase of the solar park will increase the total production capacity to 4,660MW.



## DEWA selects Preferred Bidder for Phase 1 - 180 MIGD Hassyan Seawater Reverse Osmosis (SWRO) using the IWP model

HE Saeed Mohammed Al Tayer, MD & CEO of Dubai Electricity and Water Authority (DEWA), announced that Saudi Arabia's ACWA Power is the 'Preferred Bidder' for the construction and operation of the 180 Million Imperial Gallon per Day (MIGD) Sea Water Reverse Osmosis Hassyan Phase 1 Independent Water Producer (IWP) project, with an investment of AED 3.357 billion (USD 914 million). DEWA has achieved a world record by receiving the lowest bid of 0.36536 USD/m<sup>3</sup> of desalinated water. The new project aligns with Dubai's unparalleled economic growth and the Emirate's thriving construction sector. This complements the Dubai 2040 Urban Master Plan, addresses the substantial population growth, and meets the steadily increasing demand for water in domestic, commercial, and other consumer sectors.

This project is the largest of its kind in the world for water production based on Sea Water Reverse Osmosis (SWRO) technology using solar energy. It is DEWA's first Independent Water

Producer (IWP) model project. The water desalination capacity in Dubai is currently 490 MIGD. This capacity will increase to 670 MIGD in 2026 with the completion of this project.

DEWA received 29 expressions of interest from international developers to implement this project. The Request for Qualification (RFQ) was released to market on 18th October 2022. Six international companies were qualified to submit their bids. DEWA received two bids from ACWA Power and Abu Dhabi National Energy Company PJSC (TAQA) on 22nd of May 2023 in response to the Request for Proposal (RFP) released to the market on 09 of December 2022.

"The development of the project supports 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. We have a clear direction for the energy sector in Dubai with a priority to use clean energy in line with the Dubai Clean Energy Strategy 2050 and the Dubai Net

Zero Carbon Emissions Strategy 2050 to provide 100% of Dubai's total power capacity from clean energy sources by 2050. We are building water production plants based on Sea Water Reverse Osmosis (SWRO) technology which require less energy than Multi-Stage Flash distillation (MSF) plants, making it a more sustainable choice for water desalination. By 2030, DEWA aims to produce 100% of desalinated water by a mix of clean energy and waste heat," said HE Saeed Mohammed Al Tayer.

"The project is part of DEWA's strategy to increase the water desalination capacity in Dubai to 730 MIGD, from 490 MIGD at present. We ensure the continuation of the 100% availability of DEWA's services according to the world's highest levels of availability, reliability, and efficiency thanks to our state-of-the-art infrastructure and advanced technologies. This is based on innovation and sound scientific planning so that we contribute to making the UAE the world's leading nation by its centennial in 2071," added Al Tayer.





DEWA receives Net-Zero statement of verification and assurance based on IWA 42:2022 guidelines

DEWA has received the Net-Zero statement of verification and assurance certificate in recognition of its relentless efforts in climate action. This followed a comprehensive assessment conducted by W3 Solutionz - USA through CanaGulf International Standardization, based on the International Workshop Agreement Guidelines IWA 42:2022. These were announced for the first time during the 27th Conference of the Parties (COP 27) in Sharm El Sheikh, Egypt, last year.

DEWA strengthens its commitment to green mobility by joining CharIN as a core member



DEWA has recently joined the Charging Interface Initiative (CharIN) as a core member, in a move that reinforces its commitment to advancing green mobility and energy. By joining CharIN, DEWA can actively participate in establishing industry standards for electric vehicle (EV) charging systems. This membership also enables DEWA to collaborate on developing new technologies to improve the efficiency of green mobility, reduce EV charging costs, and increase charging speed. DEWA's involvement in CharIN ensures that the organisation remains aligned with global benchmarks and stays updated with the latest industry advancements. DEWA's recent membership in CharIN as a core member strengthens its commitment to advancing EV charging infrastructure.

CharIN is a prominent global association with more than 320 members committed to advancing interoperable and unified charging standards such as the Combined Charging System (CCS) and the Megawatt Charging System (MCS) for all types of vehicles.



DEWA's R&D Centre files several patents in various fields of technology



DEWA's Research and Development (R&D) Centre continues to support technological advancement by developing the latest technologies and sustainable solutions for energy and water and conducting applied research.

These innovations have consolidated the centre's position as a global platform that provides innovative solutions and technologies for the operations and services of the utility sector worldwide.

DEWA's R&D Centre filed several important patents. Most notably:

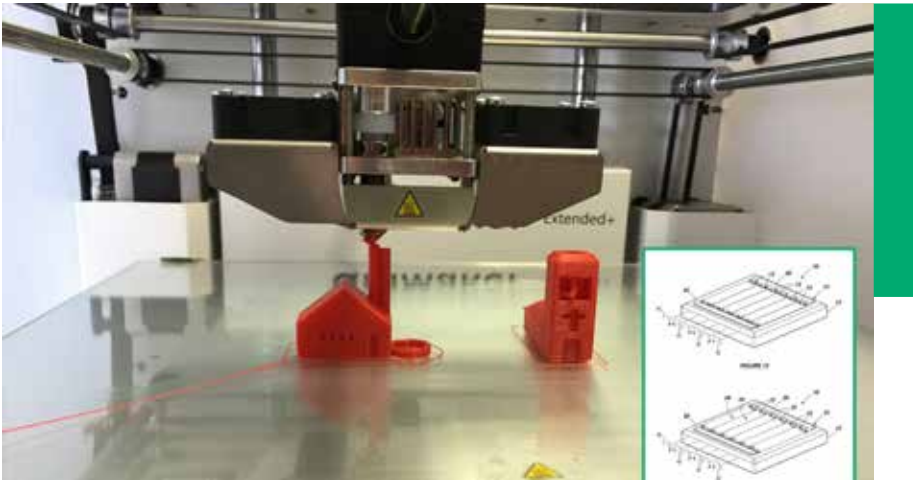
- 1. A patent for an innovative build plate and method to detach 3D printed objects automatically. This ensures the best performance of 3D printers as it eases the removal of 3D printed objects during the printing process, making it feasible to have a continuous 3D printing operation.
- 2. A patent for a chemical liquid that supports energy storage systems and enhances their efficiency. The novel liquid achieves high thermal and electrochemical stability. This makes

it an effective and safe solution for energy storage systems operations, notably lithium-ion batteries and fuel cells.

- 3. A patent for an innovative device that enhances the process of melting and extruding raw metal materials to the construction platform, maintains the optimum temperature required to handle raw metal materials in 3D printing, and improves the performance of 3D printers by reducing the cost of printing and

energy consumption.

- 4. A patent for an innovative method for improving the performance of electrodes in lithium-ion (Li-ion) batteries, sodium-sulfur batteries, and electrolyte distribution batteries. This is achieved by treating the electrodes chemically using a polymer to increase the number of active groups on the surface of the electrodes, which leads to improving their performance.



DEWA's R&D Centre develops SPACE-D IoT gateway equipped with advanced technologies

As part of DEWA's Space-D programme, DEWA's Research and Development (R&D) Centre has developed an in-house, versatile gateway that can connect terrestrial sensors to satellites and ground networks. The gateway has various physical, operational technology (OT) connectivity and IoT edge protocol libraries to support the latest IoT communication network like LoRa, Wi-Fi & BLE. The device is designed to suit various industrial applications such as utilities, infrastructure, asset-tracking, agriculture, smart cities, fleet management and others. The device has a long battery life to support various LoRa protocols and LoRaWAN to communicate directly with several satellites and terrestrial network, which contributes to a significant reduction in device and operational costs.



DEWA launches new Disruptive Lab at its Distribution Power Division Complex

DEWA has inaugurated a new Disruptive Lab at its Distribution Power Division Complex in Al Ruwayyah. DDL is a new hub to implement DEWA's Innovation and Future Shaping Framework. It provides a scientific environment that encourages DEWA's engineers and innovators to develop and test the disruptive technologies of the Fourth Industrial Revolution. The lab also promotes partnerships and exchanging experiences with leading global institutions in DEWA's work areas.





## DEWA's virtual employee achieves remarkable results during pilot use of ChatGPT



DEWA announced that Rammas, its virtual employee, during its pilot use of ChatGPT, has contributed to enriching customer experience and enhancing their happiness. This is due to its superior ability to interact with users and better understand their needs and enquiries.

"DEWA announced the pilot use of ChatGPT, since April 2023, on its website through Rammas, DEWA's virtual employee. ChatGPT improves

Rammas' ability to learn, understand, and analyse customer enquiries based on available data and information to respond promptly and accurately. Since the end of April and until the end of the first half of 2023, Rammas, supported by this advanced technology, has answered 32,084 queries through DEWA's website and smart app. Customer happiness towards Rammas' services during its pilot use of ChatGPT has reached 90%," said HE Saeed Mohammed Al Tayer, MD & CEO of DEWA.

## Digital DEWA, the digital arm of DEWA, strengthens strategic partnership with Huawei during China visit



A delegation led by HE Saeed Mohammed Al Tayer, MD & CEO of DEWA visited Huawei's headquarters in Shenzhen, Guangdong. In the presence of HE Saeed Al Tayer, Digital DEWA signed an MoU with Huawei to enhance their strategic partnership and mutual work. The MoU focuses on accelerating digital transformation,

decarbonisation, and developing a future-oriented power communication network. This supports DEWA's efforts in energy transformation, sustainability, and achieving Net-Zero. The MoU was signed by Marwan Bin Haidar and Jerry Liu, General Manager of Huawei Technologies UAE L.L.C.



## DEWA honours 223 distinguished employees with Nujoom DEWA 2023 awards



Sheikh Maktoum bin Mohammed bin Rashid Al Maktoum, First Deputy Ruler of Dubai, Deputy Prime Minister and Minister of Finance.

Waleed Bin Salman, Executive Vice President of Business Development and Excellence at DEWA, explained that the Nujoom DEWA awards aim to consolidate the foundations of excellence among individuals and work teams in DEWA. This increases individual and corporate efficiency by adopting the international best practices, promoting a culture of organisational excellence and disseminating it among all DEWA employees.

Employees who won the Nujoom DEWA awards expressed their happiness at being honoured and praised the keenness of DEWA's top management to recognise distinguished employees. They emphasised that DEWA provides a positive work environment that encourages individuals and work teams to achieve success and excellence.

Categories that were honoured included individual and administrative categories, the Happiest Work Environment, Health and Safety Award, the Share.K Award, the Best Cable Jointer, and graduates of the Field and Excellence Experts Programme.

As part of DEWA's efforts to consolidate the foundations of sustainable excellence, HE Saeed Mohammed Al Tayar, MD & CEO of DEWA, honoured 223 distinguished employees who won the Nujoom DEWA Awards 2023. The ceremony, which was held at the Palazzo Versace hotel in Dubai, was attended by DEWA's Executive Vice Presidents, Vice Presidents, and other officials.

In his keynote speech at the ceremony, Al Tayar said that Nujoom DEWA awards reflects the organisation's commitment

to instil a culture of excellence and provide a work environment that stimulates positive competitiveness and encourages employees to give their best and contribute to consolidating the foundations of creativity and innovation. This aligns with the vision of the leader of excellence, HH Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai; the directives of His Highness Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum, Crown Prince of Dubai and Chairman of the Executive Council of Dubai; and His Highness



## DEWA honours strategic public and private sector partners

DEWA organised a ceremony to honour its strategic partners from the public and private sectors in the presence of HE Saeed Mohammed Al Tayar, MD & CEO of DEWA. This is part of DEWA's efforts to recognise its partners' efforts and their role as partners in success.

HE Saeed Mohammed Al Tayar honoured HE Sharif Al-Olama, Undersecretary for Energy and Petroleum Affairs in the Ministry of Energy and Infrastructure; HE Hesham Abdullah Al Qassim, Managing Director of Emirates NBD; HE Ahmad Saeed Bin Meshar Al Muhairi, Secretary General of the Supreme Legislation Committee in the Emirate of Dubai; HE Saif Humaid Al Falasi, Group CEO of Emirates National Oil Company (ENOC); HE Ahmed Buti Al Muhairbi, Secretary General of the Dubai Supreme Council of Energy; HE Dr. Hamad Al Shaibani, Director General of the Department of Islamic Affairs and Charitable Activities in Dubai; HE Omar Bushahab, Executive Director of the Mohammed Bin Rashid Housing Establishment; HE Khalfan Belhouli, CEO of the Dubai Future Foundation; HE Mishal Abdulkarim Julfar, Executive Director of Dubai Corporation for Ambulance Services; HE Major General Obaid Muhair bin Suroor, Deputy Director-General of the

General Directorate of Residency and Foreigners Affairs in Dubai (GDRFA-Dubai); HE Jamal bin Huwareb, CEO of the Mohammed bin Rashid Al Maktoum Knowledge Foundation; Fahad Al Hassawi, CEO of Emirates Integrated Telecommunications Company (du); HE Khalid Al Malik, Managing Director of Dubai Holding; Issam Galadari, Board Member of Nakheel; Raad Al-Saady, Vice Chairman & MD of ACWA Power; HE Othaiba Al Qaydi, Acting Assistant Undersecretary for Sustainable Communities at the Ministry of Climate Change and Environment; HE Mohammad Al Ketbi, Deputy Director General of the Telecommunications and Digital Government Regulatory Authority (TDRA); HE Maj. Gen. Jamal bin Aded Al Muhairi, Assistant Director-General for Resources and Support Services Affairs at the Directorate General of Dubai Civil Defence; Brigadier Ali Khalfan Al Mansouri, Director of the General Department of Community Happiness at Dubai Police; Nasser Bu Shehab, Executive Director of the Planning and Governance Sector at Dubai Municipality, and a large number of representatives of DEWA's partners from the government and private sector.

In his keynote speech at the event, Al

Tayar said that DEWA organises the annual event to recognise its strategic partners and appreciate their efforts as partners in DEWA's successes and achievements. DEWA has become one of the most distinguished global organisations, contributing to enhancing the competitiveness of Dubai and the UAE under the wise leadership of His Highness Sheikh Mohamed bin Zayed Al Nahyan, President of the UAE, and His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, to provide a suitable and supportive environment for investment according to the highest standards of integrity and transparency.

Al Tayar emphasised that Dubai offers numerous opportunities for investors within a supportive business environment, an advanced legal and legislative system, ambitious development plans, major projects, and a state-of-the-art infrastructure according to the highest international standards. This has contributed to consolidating the Emirate's position as an important investment destination that promotes entrepreneurship and attracts creative competencies and talents across all fields.





## DEWA promotes environmental awareness at Modhesh World

DEWA participated in Modhesh World 2023, held at Dubai World Trade Centre. DEWA's awareness and entertainment activities and competitions attracted many children and adults. The activities highlighted ways to adopt a responsible and sustainable lifestyle, enhance the efficiency of electricity and water consumption, and maintain natural resources. This can be achieved by following simple daily steps, such as using sustainable tools, limiting the use of plastic, reusing and recycling it.

## DEWA's Innovation Centre enriches educational activities for sustainability awareness



DEWA's Innovation Centre at the Mohammed bin Rashid Al Maktoum Solar Park, has received field visits with students from over 200 public and private institutions around the UAE. The Centre also received many students in summer programmes and camps organised by various institutions and entities this summer for the children of their employees. These include Dubai Municipality's Summer Environmental Education Programme; and the Watani Al Emarat Foundation's Sustainability Pioneers Camp.

During their visits to the Innovation Centre, the students toured the exhibition area on the first floor, which includes over 35 interactive exhibits designed to introduce visitors to developments in clean and renewable energy. They visited the DEWA Museum, and learned about DEWA's journey, critical historical inventions, innovations in electricity, and the latest developments in renewable and sustainable energy.



## DEWA organises 9th Emirati Women's Forum



DEWA held the 9th Emirati Women's Forum at DEWA Academy in Al Hudaiba, in celebration of Emirati Women's Day 2023. HE Saeed Mohammed Al Tayer, MD & CEO of DEWA attended the event, along with several officials. The event was broadcast live on DEWA's internal and external channels to help all female employees attend the Forum as well as women committees at different organisations.

"It is my pleasure to celebrate the 9th Emirati Women's Day with you, to honour Emirati women on their national day. On this annual occasion, we express our deepest gratitude to Emirati women's pioneering and integral role in supporting the UAE's prosperity and achieving a brighter and more sustainable future. Emirati Women's Day is held under the theme 'We Collaborate for Tomorrow'. This is especially important in the Year of Sustainability in the UAE under the theme 'Today for Tomorrow', as the countdown begins for the UAE to host COP 28, at Expo City Dubai in November. The conference will include all segments of society, especially women and youth,

and will focus on their influential role in supporting climate action. This emphasises the wise leadership's great trust in women's contribution in accelerating the path towards net-zero. It also reflects the insightful vision to transform those most affected by the repercussions of climate change: women and girls, into an effective pillar in finding innovative solutions and building and implementing appropriate climate plans and policies for everyone," said HE Saeed Mohammed Al Tayer.

The Forum included a discussion session entitled 'The Emirati Woman... Soft Power for Ambitious Aspirations', which highlighted the tangible role of Emirati Women in supporting sustainable development. The session saw the participation of Marwa Al Awadhi, Head of Awareness and Energy Conservation section at the Ministry of Energy and Infrastructure; and Reem Al Hammadi, International Relations Executive at the Federal Competitiveness and Statistics Centre. The session was moderated by Fatima Al Jokar. Moreover, the Forum showcased success stories of Emirati female engineers in a session entitled

'The Emirati Women... A Shining Beacon in Green Buildings'. The session saw the participation of several DEWA female employees, including Fatma Al Shamsi; Noora Al Hammadi; and Sara Al Ali. The Forum also included a panel discussion entitled 'Together... For the Sustainability of Achievements', which highlighted successful female role models who contribute to enhancing DEWA's sustainability efforts. Athbeh AlShehhi, Maha Alshehhi and Hamada Awad participated in the session, which was moderated by Khuloud Alzarooni.

HE Al Tayer honoured the Forum's speakers and a number of DEWA's Emirati female employees who contributed effectively to supporting DEWA's global excellence and leadership, as part of its annual approach to recognising outstanding Emirati female employees. The Forum featured a video on the most prominent successes of DEWA Women's Committee, and the achievements of several Emirati female employees. DEWA Academy also hosted an interactive exhibition of traditional Emirati crafts and handmade products.



## HE Saeed Mohammed Al Tayer, MD & CEO of DEWA, on Emirati Women's Day 2023

"On the 9th Emirati Women's Day, we look back upon the path of women's elevation and empowerment, set forth by the late Founding Father Sheikh Zayed bin Sultan Al Nahyan. This path continues, thanks to the wise directives of His Highness Sheikh Mohamed bin Zayed Al Nahyan, President of the UAE; His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai; and Her Highness Sheikha 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). Our wise leadership supports the development of Emirati women, so they can unleash their creativity and capabilities to remain effective partners in the nation's prosperity and an integral pillar to achieving a sustainable future.

Held under the theme 'We Collaborate for Tomorrow', Emirati Women's Day gains special importance in the Year of Sustainability and with the ongoing preparations for the UAE to host COP 28 at Expo City Dubai in November. The conference is an opportunity to brief the world on the UAE's accomplishments in enhancing women's contribution to mitigating climate change through innovative solutions to environmental challenges. At DEWA, we realise our responsibility to provide all opportunities and tools to elevate Emirati women's participation in our projects to achieve the Dubai Net Zero Carbon Emissions Strategy 2050. We encourage our female employees to continue to work hard and support DEWA's position as an outstanding and leading utility worldwide. DEWA is one of the most prominent government organisations supporting women in the energy sector,

especially renewable and clean energy and sustainability. It focuses on empowering women in all positions. This has made it a model for public and private entities in the UAE and abroad," said HE Saeed Mohammed Al Tayer, MD & CEO of DEWA.

"DEWA provides a positive and motivational environment for its female employees that supports the development of their personal and life skills to prove their capabilities. It also helps them build cohesive and happy families. We currently have 1,936 female employees working in all our divisions. This includes 734 female employees in the engineering and technical sector, while 422 female employees occupy leadership positions at DEWA. Emirati female employees constitute 84% of the total female workforce at DEWA," added Al Tayer.



Quotes by DEWA female leaders on Emirati Women's Day 2023

"Emirati women at DEWA have played a key role in building the organisation to its current stature, and Emirati women continue to meaningfully contribute towards the attainment of DEWA's vision as per the guidance of our wise leadership. Women have risen up to leadership positions in both technical and non-technical work streams at DEWA. They have also led innovation-related work streams and pioneered

in research. DEWA's constructive policies and procedures towards women empowerment over the years have been well received by its female employees. The organisation will continue to invest in its women's talent, especially Emirati women, to enable them to succeed in life and become major contributors not only to DEWA but to society as a whole," said Maryam Al-Mutaiwei, Vice President of Human Resources.

Maryam Al-Mutaiwei  
Vice President of Human Resources at DEWA.

"DEWA provides theoretical and practical training and ongoing support to its Emirati female employees to develop their skills and experiences continuously. DEWA also provides them with opportunities to continue their education and receive prestigious certificates inside and outside

the UAE. It encourages them to innovate and create and keep pace with the latest technologies to strengthen their effective contribution in anticipating and shaping a sustainable future," said Haifa Busamra, VP of Transmission Commissioning, Transmission Power at DEWA.

Haifa Busamra  
VP of Transmission Commissioning, Transmission Power at DEWA



"We highly appreciate the close and continuous support of the top management at DEWA to its Women's Committee to continue its work and ensure a positive and motivational work environment that supports female employees and helps them balance their social and professional lives. This supports the continuous journey of accomplishments that enhance DEWA's local and global leadership and excellence. This contributes to building cohesive families and a strong society that keeps pace with emerging changes. DEWA Women's Committee organises

events, activities, and benchmarking. It participates in local and international events to exchange knowledge and expertise and promote cooperation. The Committee is keen to have effective partnerships with the concerned authorities and organisations, to provide female employees with the necessary expertise and knowledge. It also recognises competent, capable and dedicated female employees and highlights their role in serving society in all fields," said Fatima Al Jokar, Chairperson of DEWA Women's Committee.

Fatima Al Jokar  
Chairperson of DEWA Women's Committee



"We take pride in DEWA's notable advancements in increasing Emirati women's participation in the engineering and technical sector. We are keen to invest in the ideal training and expertise development opportunities that DEWA provides, and utilise the latest disruptive technologies to consolidate Emirati women's integral leadership role in the energy and water sectors. We aim to enhance Emirati women's local and global competitive positions as a pillar of comprehensive economic and social development and building a sustainable future. We also appreciate the support provided by DEWA to hone the skills of young Emirati women, so that they can face various challenges," said Aysha Alremeithi, DEWA's Youth Council President & Deputy Manager at Innovation Centre.

Aysha Alremeithi  
DEWA's Youth Council President & Deputy Manager at Innovation Centre

"DEWA adopts programmes and initiatives that allow Emirati women to unleash their talents and ability to innovate and create. This has led several of our Emirati female employees to achieve prestigious global positions that support national and global aspirations for a bright and sustainable future. We, in turn, spare no effort to continue the hard work to uphold the responsibilities entrusted to us and represent the UAE in international forums and all sectors," said Dr Aesha Alnuaimi, Director of the Innovation Centre.

Dr Aesha Alnuaimi  
Director of the Innovation Centre

"DEWA Women's Committee is keen to support DEWA's record of achievements in all fields, especially in supporting and empowering Emirati women. The Committee provides all necessary means to hone the experiences of Emirati female employees and develop their knowledge, enhance their remarkable contributions in the energy sector, and foster their effective role in advancing climate action and accelerating the green transition. We support the role of Emirati women as role models and influential partners in building the nation and raising generations capable of preserving the UAE's advancements and raising its flag fluttering high," said Aysha Al Asam, Vice Chairperson of DEWA Women's Committee.

Aysha Al Asam  
Vice Chairperson of DEWA Women's Committee



# DEWA is a Strategic Partner for 21st edition of Arab Media Forum



The Dubai Press Club (DPC), organiser of the Arab Media Forum (AMF), announced that DEWA is a Strategic Partner of the 21st edition of the event. AMF is organised under the patronage of HH Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai. The Forum brings together political figures, writers, thought leaders and opinion-makers, renowned media personalities, and senior executives of leading Arab and international media organisations.

His Excellency Saeed Mohammed Al Tayer, MD & CEO of DEWA, said, “We are pleased to continue our support for the Arab Media Forum, aligning with the vision of His Highness Sheikh Mohammed bin Rashid Al Maktoum to strengthen the media’s role in regional development and industry excellence. DEWA recognises the significance of our partnerships with local and international media in promoting our global standing and Dubai’s sustainability initiatives. As

a pioneer in sustainability and renewable energy, DEWA’s achievements, including world-leading clean energy project prices, support Dubai’s Net Zero Carbon Emissions Strategy 2050. In the UAE’s Year of Sustainability, we back the nation’s preparations to host COP 28 at Expo City Dubai, aligning with UN Sustainable Development Goals. We eagerly anticipate the 21st Arab Media Forum as a platform for collaboration in sustainable media content, vital for advancing comprehensive sustainable development. The media is our crucial partner in community service, sustainable development, and promoting a green economy. We trust that the Forum will continue to spotlight the UAE’s efforts in creating a sustainable future for all and conveying our development experience worldwide.”

Her Excellency Monah Al Marri, Vice Chairperson and Managing Director of the Dubai Media Council and President of DPC, said that as the Strategic Partner for this year’s AMF, DEWA continues to

make significant contributions to the success of the event.

“Every year, the Arab Media Forum strives to offer key insights into the sweeping global transformations and formulate media strategies to address developmental needs in the industry. As a Strategic Partner this year, DEWA continues to underscore the media’s role in serving society, aligning with its commitment to promoting sustainable practices and pioneering transformative renewable energy initiatives. This establishes DEWA as a vital stakeholder in the media’s endeavour to accelerate positive change, both locally and regionally. The significance of this partnership is also further amplified as the UAE hosts the 28th session of the Conference of the Parties to the UN Framework Convention on Climate Change (COP28), which seeks to reinforce global cooperation in tackling environmental challenges,” said HE Monah Al Marri.



## DEWA highlights its efforts in sustainability and supporting the youth during its participation in AMF 2023



At AMF 2023, DEWA showcased some of its most prominent clean and renewable energy projects including 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 has a planned production capacity of 5,000 megawatts (MW) by 2030 using solar

photovoltaic panels and concentrated solar power with total investments of AED 50 billion. A number of DEWA young engineers also took part in a panel discussion. They highlighted DEWA’s efforts to prepare and empower the youth to carry out their responsibilities in climate action and reaching net-zero by 2050. DEWA’s team who took part in

the session included Maryam Khansaheb, Manager - Corporate Sustainability; Jamal Alsabt, Senior Engineer - Climate Change and Sustainability; Athbeh Al Shehhi, Senior Engineer - Climate Change and Sustainability at DEWA. The session focused on DEWA’s activities, programmes, and initiatives to empower the youth to lead climate action.



# DEWA signs agreement with Dubai Media to enhance joint work

DEWA has signed an agreement with Dubai Media Incorporated (DMI) to promote effective partnership and collaboration. This serves the strategic goals of the two parties and provides added value to their national role to keep pace with new developments in the UAE and the Emirate of Dubai. The signing of the agreement was during the 21st edition of the Arab Media Forum (AMF). DEWA participated in AMF as the Sustainability Partner of the event.

HE Saeed Mohammed Al Tayer, MD & CEO of DEWA, praised the fruitful collaboration between DEWA and DMI to shed light on the gains and achievements in Dubai to accelerate sustainable development and raise awareness about the importance of achieving net-zero.

Al Tayer emphasised the media's important role in highlighting DEWA's

contribution to consolidating the UAE's global leadership in climate action and accelerating sustainability and the transition to clean and renewable energy. This is in line with the Dubai Clean Energy Strategy 2050 and the Dubai Net Zero Carbon Emissions Strategy 2050 to provide 100% of the energy production capacity from clean energy sources by 2050.

"We are keen to continue strengthening our partnership and collaboration with various media outlets. We aim to raise the level of awareness of all members of society about the various issues and topics that affect their daily lives, especially sustainability, which in turn enhances social, economic, and environmental development," continued Al Tayer.

"We are honoured at Dubai Media to collaborate with the Dubai Electricity

and Water Authority in this important agreement. Our partnership represents a significant step towards raising awareness about sustainability and highlighting the effective role of the DEWA in enhancing the global leadership of the UAE in addressing climate change. Through collaboration and strategic agreements at the Arab Media Forum, we utilise our media platforms to disseminate knowledge and drive action, contributing to the achievement of the Dubai Clean Energy Strategy 2050 and the Dubai Net Zero Carbon Emissions Strategy 2050. Together, we aim to support a sustainable future and make a positive and purposeful impact on our nation and the world," said HE Mohammed Al Mulla, CEO of Dubai Media.

During AMF 2023, Khawla Al Mehairi, Executive Vice President of Strategy and Government Communications at DEWA and Abdulwahed Jumaa, CEO of Commercial Affairs and Partnerships Sector at Dubai Media, signed the agreement. Officials from both entities were present.



## FIGURES

### DEWA's hydroelectric power plant in Hatta is 74% complete



HE Saeed Mohammed Al Tayer, MD and CEO of DEWA, has visited the pumped-storage hydroelectric power plant site DEWA is building in Hatta to check the progress of ongoing work. The power plant, with a planned production capacity of 250 megawatts (MW), a storage capacity of 1,500 megawatt-hours, and a life span of up to 80 years, is 74% complete. This is the first station of its kind in the GCC region, with investments of up to AED 1.421 billion. The project is planned for completion in Q1 of 2025.



The pumped-storage hydroelectric power plant in Hatta is part of DEWA's efforts to achieve the vision and directives of HH Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai. It supports the comprehensive development plan for Hatta, launched by His Highness, to meet the social, developmental, economic, and environmental needs as well as provide innovative job opportunities for Emiratis in Hatta.

### DEWA's 30 MIG water reservoir in Hatta is around 89.42% complete, at cost of AED 86 million

HE Saeed Mohammed Al Tayer, MD & CEO of DEWA, inspected the work progress of the 30 million imperial gallons (MIG) water reservoir project DEWA is building in Hatta. The project, which costs approximately AED 86 million, is 89.42% complete is expected to be completed in Q4, 2023.

Al Tayer was accompanied by Branly Nassour, Vice President of Projects & Engineering (Water) at DEWA, and Ahmad Saif Alfalasi, Senior Manager - Projects Water Transmission.

The project includes the construction of two reservoirs with a storage capacity of 30 million gallons of desalinated water, the construction of supporting buildings, and the extension of entrance and exit pipes. The structural foundation works for all facilities and reservoirs are 100% complete, while the above-ground works are 92% complete, and nearly 99% of the pipes have been laid.





## Water accounts in Dubai reach 1,023,079 accounts by the end of the first half of 2023, a 5% increase year on year

DEWA has revealed that the number of water accounts reached 1,023,079 accounts by the end of the first half of 2023 compared to 974,514 accounts by the end of the first half of 2022, an increase of around 5%.

DEWA's Jebel Ali Power and Desalination Complex has been confirmed by Guinness World Records as the largest single-site natural gas power generation facility in the world, with a production capacity of 490 MIGD, which is equivalent to 2,227,587 cubic metres per day. This is the second world record for Jebel Ali Power Generation & Water Production Complex. In 2021, the Complex was confirmed as the largest single-site natural gas power generation facility in the world.



## DEWA commissions 676 11 kV distribution substations in the first half of 2023

DEWA commissioned 676 11kV distribution substations across Dubai in the first half of 2023. The construction of the substations and jobs related to new customers resulted in a total of 505,684 man-hours, according to the highest standards of quality and efficiency.

**Rashid Bin Humaidan, Executive Vice President of Distribution Power at DEWA,** highlighted that there are now 74 33kV substations in service and 43,357 medium voltage (11Kv or 6.6Kv) substations. DEWA continues its hard work to ensure business as usual according to the set plans, while implementing the highest health, safety, and environmental standards.



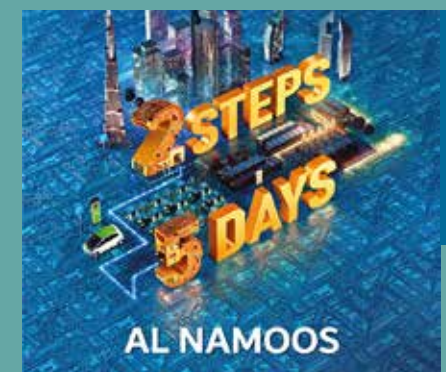
## DEWA facilitates the approval of 53,333 NOC applications in H1, 2023 as part of its Soqoor programme

DEWA approved 53,333 No Objection Certificates (NOC) applications during the first half of 2023, as part of the Soqoor programme. It is the first government programme of its kind to evaluate consultants and contractors in Dubai and identify their compliance with the requirements, standards, terms and conditions, and guidelines when submitting NOC service applications and field operations for their projects. This is part of DEWA's efforts to facilitate doing business and enhance efficiency and productivity. The Soqoor programme makes it easier for consultants and contractors to obtain DEWA's approval from the first time to submit applications, reduce or avoid violations, damages, and fines, save time and effort, and improve field operations, in addition to preserving DEWA's assets.



## Requests for electricity connection to commercial projects up to 150 kilowatts in Dubai doubled in H1 of 2023 through DEWA's Al Namooos service

DEWA has announced that it received 3,872 requests for electricity connection through 'Al Namooos' service during the first half of 2023, compared to 1,897 requests in the same period of 2022, an increase of over 104%. Al Namooos (an Emirati word for a winner in a race) enables electricity connection to projects up to 150 kilowatts in just two steps and within five days.



## DEWA records 6.3 million digital transactions in the first half of 2023

DEWA's customers conducted 6.3 million digital transactions in the first half of 2023. These include 1.1 million transactions using the website, 1.3 million using DEWA's smart app, in addition to the various digital channels that DEWA provides in collaboration with its partners from the public and private sectors. This ensures real-time, safe, and seamless value-added services to all stakeholders, anytime, anywhere, saving their time and effort, and enhancing their happiness. DEWA's smart adoption rate for its services reached 99% by the end of June 2023.





Omar Sultan Al Olama meets Saeed Mohammed Al Tayer and is briefed about DEWA's projects in digital transformation.



HE Saeed Mohammed Al Tayer receives HE Nguyễn Mạnh Tuấn, Vietnamese Ambassador to the UAE.

And receives Secretary General of the Great Arab Minds Committee and Founding Director of the Harvard Centre for Green Buildings and Cities



And receives Harvard's Growth Lab Director and Professor of International Political Economy at Harvard Kennedy School.

HE Saeed Al Tayer receives high level delegation from Sungrow, the global leading inverter and energy storage system solution supplier.





## Palm Jebel Ali



His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President &, Prime Minister of the UAE and Ruler of Dubai, approved the new futuristic development masterplan of Palm Jebel Ali, as part of the Dubai 2040 Urban Master Plan.

## Ambition and Sustainability

"We have vast ambitions for the future and we are confident that we can transform our grand vision for development into reality. Dubai will continue to innovate and deliver world-class lifestyle destinations that enhance its status as the globe's best city to live, work and visit," said His Highness Sheikh Mohammed bin Rashid Al Maktoum.

Palm Jebel Ali has been designed keeping sustainability in mind, with plans including renewable energy resources being incorporated into its infrastructure design, allowing it to become almost completely self-sufficient in terms of power generation once complete. As much as 30% of Palm Jebel Ali's energy requirements will be obtained from renewable sources.



# Dubai 2040 Urban Master Plan

The Dubai 2040 Urban Master Plan maps out a comprehensive plan for a sustainable urban development in Dubai. It focuses on enhancing people's happiness and quality of life and reinforcing Dubai as a global destination for citizens, residents and visitors over the next 20 years.

## REFERENCES

## Sultan Al Neyadi - First person to Practice Jiu Jitsu in Space



In a new historical feat, UAE astronaut Sultan Al Neyadi became the first person ever to practice jiu-jitsu in space, adding another historical achievement to the UAE and to his remarkable record of success as the first Arab to perform a spacewalk.

While floating aboard the International Space Station (ISS), Al Neyadi showcased his jiu-jitsu skills in a captivating six-minute video, while wearing the traditional kimono-style attire.



## Research and Experiments

Sultan Al Neyadi made history by embarking on the longest Arab space mission on the ISS in March 2023. Al Neyadi has been working on important scientific experiment aboard the ISS, and was responsible, along with his crew, for sending back critical research samples on the Dragon cargo spacecraft. Al Neyadi also achieved a new milestone as the first Arab astronaut to complete a spacewalk on the ISS, making the UAE the 10th country to execute a spacewalk on the ISS.

## REFERENCES

<https://wam.ae/en/details/1395303154224>

The historic first Arab spacewalk lasted 7.01 hours in the vacuum of space on the starboard side of the ISS' truss structure. In his jiu-jitsu video filmed in the orbiting laboratory 420km above Earth, Al Neyadi explained that his training prepared him well to endure this excruciating mission.

## REFERENCES

<https://www.wam.ae/en/details/1395303149006>  
<https://twitter.com/HHShkMohd/status/1651993431651102729>

**LINKEDIN**

As part of its ongoing development of its platform, LinkedIn recently phased out a number of old creator features based on user feedback. LinkedIn sent a brief message to its creators thanking them for their feedback and explaining that they will be removing these tools as they have not been facilitating the users' ability to share with their community.

The deleted features are:

- Carousel posts (launched in July 2022)
- Profile videos (launched in March 2021)
- Clickable links in images and videos (launched in August 2022)

## REFERENCE

<https://www.socialmediatoday.com/news/linkedin-removes-native-carousels-profile-videos-in-image-links/653311/> ]





## MOHSEN AL AWADHI

Program Director of the Emirates  
Mission to the Asteroid Belt (EMA)

### Can you tell us about the establishment and the objectives of the UAE Space Agency, before we move on to the Emirates Mission to the Asteroid Belt (EMA)?

The UAE Space Agency (UAESA) is a federal agency that was created under Federal Law by Decree No. 1 of 2014. The space sector includes all projects, activities and programmes related to outer space. The decree stipulates that the UAE Space Agency works in line with the Council of Ministers and has an independent legal position, enjoying financial and administrative independence as well as the legal capacity necessary to direct all activities that will ensure the achievement of its objectives.

The UAE Space Agency aims to organise, regulate, and support the space sector in the country and to enhance its position in this area, encourage the development and use of space science and technology in the country and advance within the industry, establish international partnerships in the space sector and enhance the role of the state and its position in the space sector, contribute

to the diversification of the national economy through the space sector, and raise awareness of the importance of the space technologies, enhance national capabilities and encourage peaceful application of space research.

The Agency is focused on the development of policies, strategies and plans related to the space sector that are approved by the Council of Ministers. It provides advice and guidance for national space programmes, and works to resolve the challenges faced.

### Can you highlight the Emirates Mission to the Asteroid Belt (EMA)?

The EMA comprises a thirteen-year mission: a six-year spacecraft development phase followed by a seven-year flight to the main asteroid belt beyond Mars. The UAE spacecraft will undertake a 5 billion kilometre journey to explore seven asteroids in the main asteroid belt and ultimately land on Justitia.

The MBR Explorer's journey includes gravity-assist manoeuvres around Venus, Earth, and Mars to change the

spacecraft's velocity and support its flyby campaign, with its first asteroid encounter in February 2030. The MBR Explorer will then pass by Westerwald, Chimaera, and Rockox. In 2034, the mission aims to touch down upon Justitia.

The EMA will build greater understanding of the characteristics, origins, formation and evolution of asteroids. It will open new windows into our understanding of the formation of our solar system, as well as support observations that will measure the surface composition, geology, and interior density and structure of asteroids across the main belt 'families', helping to better understand the origins and evolution of water-rich asteroids and also to assess the resource potential of asteroids and prepare the way for future asteroid resource utilisation.

### How will this mission contribute to the advancement of the national space sector on the public and private levels?

EMA will drive significant economic opportunities, including new

start-ups, international partnerships and inward investment to the UAE space sector, creating new commercial opportunities to accelerate the growth of innovation and advanced technology companies in the Emirates. The 'Space Means Business' campaign will build outreach to academia, potential start-ups, existing global space sector players and companies with the potential to pivot existing R&D and operations to meet the needs of the space sector.

To achieve this, we launched the first batch comprising 30 opportunities for startups, private companies, and research centres in the UAE to take part in the Emirates Mission to the Asteroid Belt, as part of 'Make it in the Emirates' Forum in May and June 2023.

We also organized the 'Space Means Business' workshop, which was attended by more than 160 representatives of startups, international companies, and entrepreneurs, in the UAE. During the workshop, participants were introduced to potential areas for private sector participation in the Emirates Mission to the Asteroid Belt, the first-ever mission to explore and study seven asteroids of the main asteroid belt.

The mission is being developed in collaboration with several leading academic and technical partners, including Khalifa University, NYU Abu Dhabi, and UAEU's National Space Science and Technology Centre (NSSTC), the Technology Innovation Institute (TII), Yahsat Group, the Italian Space Agency, University of Colorado, and University of Arizona.

### What are the initiatives and projects launched by the UAE Space Agency to promote sustainability in the UAE?

Over the past few years, the UAE Space Agency launched projects and initiatives to combat climate change, including: the Space Data Centre, an innovative digital platform, that serves as a central hub for scientists, scholars, public and private entities, start-ups, and community members to access space data. This platform facilitates the collaborative development of solutions to address both national and global challenges.

Moreover, the UAESA launched the Space Analytics and Solutions (SAS) Programme, which encompasses a range of initiatives aimed at tackling climate change. These initiatives include enhancing food security, monitoring

greenhouse gases, and conducting environmental and vegetation monitoring. Additionally, the programme focuses on infrastructure improvements to ensure sustainable development in the face of climate-related risks.

To facilitate these endeavours, the UAESA also introduced the Geo-Spatial Analytics Platform. This state-of-the-art platform is specifically designed for earth observation and remote sensing applications. By granting access to satellite data, the platform empowers scientists, scholars, public and private entities, start-ups, and community members to develop satellite-based solutions that address both national and global challenges. Furthermore, the platform offers value-added services and satellite data applications to optimise its potential for creating impactful solutions.

We also launched the Geospatial Analytics Platform Hackathon, which focused on analysing land-use changes in the UAE. The hackathon aims to have an early engagement with the developers and entrepreneurs to promote the offered capabilities that could be used to develop solutions for national and global challenges through space applications.





DEWA adopts a philosophy of happiness, inclusion and empowerment of people of determination. At DEWA, employees of determination like other employees, have full rights and privileges and have the capabilities necessary for being productive and interact in the work environment and society. This in accordance with the best practices and international and local standards for supporting and empowering people of determination.



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

## DEWA's Top Achievements in The Inclusive Employment: Success Story



- The support and empowerment he has received from DEWA has helped him overcome any disability and achieve many professional achievements as:

- Marwan is responsible for operating systems, maintenance and monitoring of more than 250 transmission substations in the Operations Technology Department in all regions of Dubai.

- Member of the emergency team for resolving all network faults in Dubai.

- Member of the technical resources team at the Dubai Government Excellence Program.

- Member of a global committee for Philip Morris International and others.

- He won the Distinguished Supervisory Employee at the level of the power transmission division.

- He held internal workshops at DEWA to share knowledge and repair sensitive equipment.

- He participated in DEWA's inauguration of more than 124 sub-stations within a year and a half.

- Contributed to the closure of more than 2,000 technical cases with contractors to ensure the best performance in all security equipment installed at DEWA's substations.

- The most significant achievement was being honoured by His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, by choosing Marwan as an ambassador for Expo 2020 Dubai to work on the event. This was in addition to giving him the

▶ Marwan Mohammed Mohsen Al Hajj joined DEWA in 2007. Since starting his work at DEWA, he has completed several functional and professional training that enabled him to develop. Beginning as a graduate trainee to assistant engineer, to engineer - control and monitoring systems, to senior engineer - control and monitoring systems, and then deputy director - technical control and monitoring systems, and now he is proudly Deputy Director - Security Examination Laboratory for Operational Technologies in the power transmission division at DEWA

- DEWA also supported the development of his academic and scientific capabilities by supporting him to complete a master's degree in Science in Innovation and Change Management from Hamdan Bin Mohammed Smart University.
- DEWA has worked to provide an inclusive and flexible work

environment that considers all his needs to carry out his work.

- DEWA has retrofitted its buildings, facilities, information and services to facilitate their access for him and other employees of determination. It has worked to create an inclusive corporate culture by training his colleagues and his direct manager on the techniques of dealing with people of determination, so that they are supported in all times of emergencies and crises.

- DEWA also trained two of Marwan's colleagues as part of the 'Sadiqi' (Arabic equivalent of his buddy) initiative to support him, in addition to periodic regular visits by the people of determination support team in human resources 'Absher'. He received psychological and logistical support during the COVID-19 pandemic, and was allowed to work remotely, with all the necessary tools.

honour of choosing unique names for DEWA's main transmission substations at Expo Dubai 2020, which were: Sustainability, Mobility, and Opportunity.

- After all this success, Marwan became very keen to contribute to the sustainability of DEWA's excellence. He also works to encourage team members to present and implement innovative suggestions and learn new skills. In addition, he supports the sustainable development process by volunteering in the field of community service.



### Marwan's message to the community:

"I do not consider my success story as a one-man show, but instead I am a model of an institutional and national success story for the UAE at large, which resolved all obstacles to empower people of determination.

Thank you, DEWA and everyone who supported me to reach what I have become today, and I promise you that the journey of excellence will continue."



## What do you know about the Sanad card for People of Determination?

**Sanad card for people of determination:** is a smart card issued by the Community Development Authority for people with disabilities according to Law No. 3 of 2022 concerning the Protection of the Rights of Persons with Disabilities in Dubai.

This card is used for people of determination, to ensure they have access to privileges and services meeting their needs, provided by different entities. The Sanad Card is the primary tool for building a database for people with disabilities in Dubai.

### Target Group:

- People of determination of all types of disabilities residing in Dubai.
- People of determination of all types of disabilities, including tourists and visitors.



## Increasing Global Collaborations in 2023 to Drive Green Hydrogen's Crucial Role in Climate Change Mitigation

Achieving the ambitious goals set for decarbonisation requires global cooperation and partnerships. Green hydrogen has emerged as a vital solution in combating climate change, with its potential to provide clean energy across various sectors. Several collaborations have recently been established to foster international efforts in green hydrogen production and utilisation. By combining expertise, resources, and technological advancements, these collaborations aim to accelerate the transition to a sustainable, hydrogen-based economy. The first half of 2023 saw a surge in global collaboration in this field, as countries across the world are maximising their efforts to accelerate the transition towards clean and renewable energy sources.

In May, the Kingdom of Saudi Arabia and the Netherlands signed an MoU to collaborate on green energy and hydrogen development. This partnership was sealed during the World Hydrogen Summit in Rotterdam, with Saudi Energy Minister Prince Abdulaziz bin Salman and the Netherlands' Minister of Economic Affairs and Climate Policy, Micky Adriaansens, signing the MoU. The agreement positions the

Netherlands as a potential hub for importing green hydrogen derived from renewable sources in Saudi Arabia.

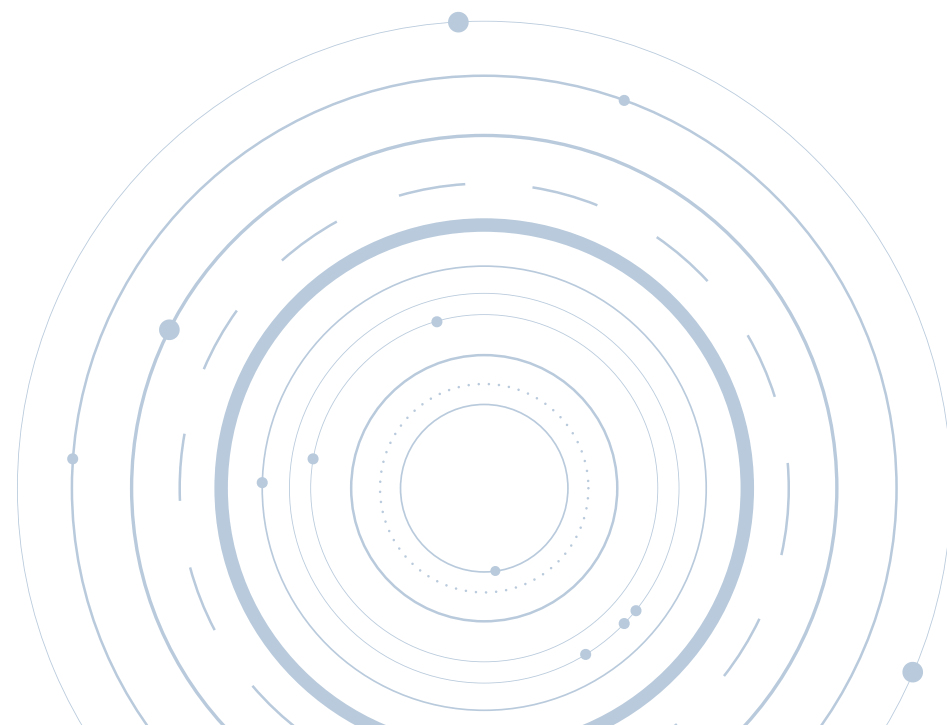
In February, Egypt and Norway signed a joint agreement to cooperate on green projects, specifically in the production of green ammonia from green hydrogen. The collaboration involves the Egyptian Petrochemical Holding Company, Mopco, and the Norwegian Skatek Company. The partnership underscores Egypt's commitment to actively participate in climate change mitigation efforts and sustainable economic development. Skatek's expertise will support the establishment of an integrated complex for green ammonia production, meeting part of the local and export needs.

The Netherlands and Brazil also partnered to enhance cooperation in port-related energy projects, including offshore wind energy and green hydrogen production. This agreement, signed in May 2023, involves 27 parties operating in the ports of Rotterdam and Brazil's Pecém. With the Port of Rotterdam Authority aiming to lead the European hydrogen economy, the partnership aligns with their ambition to import large-scale renewable energy, particularly green

hydrogen. The collaboration between the Netherlands and Brazil will contribute to developing port-related energy projects and promote sustainable energy solutions while creating international trade and investment opportunities in the renewable energy sector.

June saw China and Australia taking major steps to strengthen their collaboration in the field of green hydrogen, recognising its significant growth potential as a clean energy source. Chinese experts emphasise the importance of partnerships between the two countries, with Australian mining company FMG leading the way. FMG plans to establish an annual capacity of 15 million tonnes of green hydrogen by 2030.

The upcoming Conference of the Parties to the United Nations Framework Convention on Climate Change (COP 28), which the UAE is hosting in Expo City Dubai in November 2023, places a strong emphasis on accelerating the transition to a low-carbon economy. Green hydrogen will be a focal point of discussions and initiatives, as it offers a scalable and sustainable energy solution across sectors such as transportation, industry, and power generation.



هيئة الطرق والمواصلات  
ROADS & TRANSPORT AUTHORITY

RTA

## RTA's Intelligent Traffic Systems Centre wins the BIG SEE Architecture Award 2023

Dubai's Roads and Transport Authority's (RTA's) Dubai Intelligent Traffic Systems (ITS) Centre, Al Barsha, has won the BIG SEE Architecture Award 2023 in the Government Buildings category. This award recognises the facility's exceptional architectural and interior design capabilities.

Winning the award is determined by a set of criteria that includes inventive, smart, and one-of-a-kind design, addressing environmental and sustainability concerns, and incorporating cultural factors into the design concept. In addition to educational, sports, entertainment, and residential buildings, the prize includes categories for buildings, stations, infrastructure projects, transportation stations, and public buildings.

The Dubai ITS Centre building features a contemporary and progressive design and is considered one of the largest control centres worldwide. It has a sustainable glazed design that allows natural light to enter the structure.

<https://www.rta.ae/wps/portal/rta/ae/home/news-and-media/all-news/NewsDetails/rta-wins-international-award-for-dubai-rta-intelligent-traffic-systems-centre?lang=en>



بلدية دبي  
Dubai Municipality

## Dubai Municipality achieves 1st place at Top Supply Chain Projects Award

Dubai Municipality has achieved a remarkable feat by securing first place at the prestigious Top Supply Chain Projects Award, organised by the Supply & Demand Chain Executive magazine. The award aims to recognise innovative projects concerned with designing the supply chain according to automation, optimisation, simplification, and organisation. The organisation also honours individuals and leading entities in the global supply chain.

The Municipality's ground-breaking project, "Re-engineering Contracting Processes," has been recognised for its exceptional efforts in streamlining and enhancing the efficiency of contractual procedures within the organisation. The award-winning project is focused on establishing best practices in digitising contractual procedures as well as employing innovative digital technologies and a re-engineering approach to manage and reduce the time of processes effectively.

Through various cutting-edge solutions that streamline numerous intricate processes and help produce the best results, the project has made significant contributions to modernising contractual procedures at Dubai Municipality. The initiative's primary goal is to understand customers' needs better to provide flexible contractual services and greater value through innovative technologies.

<https://mediaoffice.ae/en/news/2023/June/20-06/Dubai%20Municipality>



## DLD claims Customer Service Innovation award at Real Estate Asia Awards 2023

Dubai Land Department (DLD) has claimed the coveted Customer Service Innovation of the Year accolade at the 2023 Real Estate Asia Awards, recognising its ground-breaking AI-based Smart Valuation System. The prestigious awards programme celebrates innovation and excellence in the real estate sector across the Asia Pacific region.

Real estate valuation is a critical service that drives investment decision-making and minimises financial risks. Traditional valuation processes often face delays and inconsistencies due to the subjective nature of expert committee meetings. DLD launched the Dubai Smart Property Valuation System to revolutionise the international market, an innovative application of artificial intelligence (AI) and machine learning (ML) technologies.

The Smart Valuation System leverages advanced ML algorithms to expedite the valuation process. By analysing millions of transactional data points and property features, the system generates precise predictions of property values within seconds. The Smart Valuation System eliminates the need for extensive documentation, streamlining the entire valuation process through integration with external systems and databases.

<https://www.wam.ae/en/details/1395303171070>







شرطة دبي  
DUBAI POLICE



## Dubai Customs completes 12 million customs declarations in 6 months with 10% growth

HE Ahmed Mahboob Musabih, Director General of Dubai Customs and CEO of Ports, Customs, and Free Zone Corporation, announced that Dubai Customs successfully processed 12.3 million customs declarations during the first half of 2023, marking a 10% growth compared to the same period last year.

With an impressive average of 48 declarations per minute, Dubai Customs' advanced customs systems and smart services have solidified the UAE's global position in trade. Dubai Customs provides digital customs services, with 99.5% of customs transactions being conducted through digital systems. The Dubai Customs systems support business operations by providing the Smart Workspace platform, which saves companies approximately 68 million dirhams annually in operating costs.



## Dubai Smart Police Stations set new record with 65K transactions in H1 2023

During the first half of 2023, 65,942 smart transactions were conveniently and smartly processed at Dubai Police's 22 smart police stations across different areas in Dubai. These included lodging 16,205 reports and 4,967 criminal-related inquiries.

Major General Ali Ahmad Ghanim, Director General of Logistic Support and Deputy Chairman of the Executive Committee for Smart Police Stations (SPS) projects, stated that this progress reflects the alignment of Dubai Police's goals with the government's vision to make Dubai the smartest city in the world. He added that through a smart system that is continuously updated to reflect the latest global standards, the Force provides customers with the best and highest service standards, ultimately improving the quality of life in the UAE.

