

# المسار almasar

The Official Monthly Magazine of Dubai's RTA

Issue No. 180 June 2023

## Mohammed bin Rashid endorses Master Plan for Developing Dubai Beaches



## **Vision**

The world leader in seamless & sustainable mobility.

## **Mission**

We provide seamless and safe travel with innovative, sustainable mobility solutions and services to make every journey in Dubai a world-class experience.

## Dubai Beaches



In March 2021, His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice- President, Prime Minister of the UAE, Ruler of Dubai launched the Dubai Urban Master Plan 2040 at vision of making Dubai the best city for living in the world.

As the days passed, Dubai swiftly worked its way towards delivering on the vision of His Highness. The preceding years witnessed the completion of 17 project portfolios encompassing a multitude of projects and policies highlighted by the Citizens' Housing Policy, Hatta Development Master Plan, and Dubai Countryside and Rural Areas Development Master Plan. Phase II was also approved consisting of 10 project portfolios highlighted by the Enhancing Urban Centres, Dubai Real Estate Strategy, Urban Farming Plan, Preserving Urban Heritage Plan, Developing the 20-Minute City Policy, and the Pedestrian Network Master Plan.

Last May, His Highness Sheikh Mohammed bin Rashid endorses Master Plan for Developing Dubai Beaches aimed to increase the total length of beaches by 400%. It involved the addition of new beaches and fitting the existing ones with new recreational, sports, and investment areas in line with the Dubai Urban Master Plan 2040.

Endorsing the plan, His Highness Sheikh Mohammed commented: "Development is a non-stop journey in Dubai. Dubai will continue to provide the best living standards for both individuals and families."

The Master Plan for Developing Dubai Beaches entails increasing the total length of Dubai beaches from 21 km to 105 km by 2040. As such, public beaches stretching 84

km will be added to boost the capacity of beaches, given the sustained growth in population and tourists coming to Dubai from all over the world. The master plan seeks to provide unique experiences for beachgoers that foster the wellbeing of the most attractive place on earth.

Phase I aims to develop beaches extending 54 km, including Jebel Ali Beach extending 8,000 metres featuring pedestrian and cycling tracks, aqua sports facilities, rest and recreation amenities, restaurants & food carts, shops & investment outlets as well as family, beach camping and parking areas. Part of the beach will see the planting of mangrove trees in addition to a variety of public services and amenities, offering a new eco-tourism experience.

The development of Al Mamzar Beach covers the addition of public facilities, the construction of pedestrian and cycling tracks in addition to the planting of mangrove trees along Al Mamzar Corniche Beach.

Under the wise leadership of His Highness Sheikh Mohammed bin Rashid Al Maktoum, and the follow-up of His Highness Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum, Crown Prince of Dubai, Chairman of the Executive Council, and His Highness Sheikh Maktoum bin Mohammed bin Rashid Al Maktoum, First Deputy Ruler of Dubai, Deputy Prime Minister, Minister of Finance, Dubai is making steady progress in realising the targets of the Dubai Urban Master Plan 2040. Such efforts are focused on enhancing the wellbeing of Dubai's residents and visitors and boosting the global competitiveness of the city toward becoming the best city for living in the world.

H.E. Mattar Al Tayer

Director General, Chairman of the Board of Executive Directors

# المسار almasar

## Strategic Map For AlMasar Magazine Team

### Vision

The Pioneer  
Government  
Magazine in Dubai

### Mission

To work in the spirit  
of team in presenting  
achievements, enhance  
Success , and document  
roles of RTA.

### Core Values

Transparency &  
Credibility  
Corporate Reputation  
Excellence  
Spirit of Team  
knowledge Sharing

## Reciprocal Ads Initiative

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Rowdah.ALMehrzi

EDITOR IN CHIEF  
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Mohammed Al Munji

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Nashwan Mahmood

PHOTOGRAPHY  
Sahir Babu

DESIGN & MARKETING  
**SLA**  
SPOTLIGHT  
Advertising  
[www.spotlightuae.net](http://www.spotlightuae.net)

ART DIRECTOR  
Said Mansour

Printed by  
Al Nisr Publishing LLC

CONTACT US  
P.O.Box: 118899 Dubai,U.A.E  
Tel : +971 4 2902638  
Fax: +971 4 2903933  
[almasar@rta.ae](mailto:almasar@rta.ae)  
[www.rta.ae](http://www.rta.ae)



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## Mohammed bin Rashid endorses Master Plan for Developing Dubai Beaches

His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai approved the 'Master Plan for Developing Dubai Beaches' that aims to increase the total length of public beaches in the emirate by 400%. The plan, which forms part of the Dubai 2040 Urban Master Plan, features the opening of new beaches and the development of existing ones with advanced facilities.



- New Plan, which forms part of the Dubai 2040 Urban Master Plan, aims to increase length of public beaches by 400% by 2040
- Plan includes opening of new public beaches and the development of existing ones
- Length of Dubai public beaches will increase from 21 km to 105 km; initial phase of new Plan aims to add 54 km of public beaches
- Services offered on public beaches will increase 300% by 2025
- 'Master Plan for Developing Dubai Beaches' features opening of Jebel Ali Public Beach and the development of Al Mamzar Public Beach
- Public beaches across Dubai will have facilities that meet the requirements of people of determination
- All public beaches in the emirate have received the Blue Flag certification







His Highness Sheikh Mohammed bin Rashid Al Maktoum said Dubai is committed to ensuring the highest standards of excellence in urban development. The emirate places the utmost priority on improving the quality of life and ensuring the happiness of citizens, residents and visitors, he added. His Highness further said, “The ‘Master Plan for Developing Dubai Beaches’ will increase the length of public beaches by 400% by 2040. Their total length will increase from 21 km to 105 km. Services offered on public beaches will increase by 300% by 2025.”

“We launched the first urban plan in Dubai in 1960. Development is a non-stop journey in Dubai. Dubai will continue to provide the best living standards for both individuals and families,” His Highness added.

The approval came in the presence of His Highness Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum, Crown Prince of Dubai and Chairman of The Executive Council of

Dubai; His Highness Sheikh Ahmed bin Mohammed bin Rashid Al Maktoum, Second Deputy Ruler of Dubai; His Highness Sheikh Ahmed bin Saeed Al Maktoum, President of the Dubai Civil Aviation Authority and Chairman and Chief Executive of Emirates Airline and Group; His Highness Sheikh Mansoor bin Mohammed bin Rashid Al Maktoum, Chairman of the Dubai Sports Council, and a number of senior officials.

Under the ‘Master Plan for Developing Dubai Beaches’, the total length of Dubai’s public beaches will increase from 21 km to 105 km by 2040. Public beaches spanning 84 km will be added to cater to the growth in the emirate’s population and the influx of tourists from all over the world. The new Master Plan demonstrates Dubai’s commitment to providing unique experiences for beachgoers in line with the goal of the Dubai Economic Agenda D33 to consolidate the emirate’s status as one of the top three cities for tourism.







HH Sheikh Mohammed bin Rashid approved the ‘Master Plan for Developing Dubai Beaches’ during a visit to Jebel Ali Public Beach where he was received by His Excellency Mattar Al Tayer, Commissioner General for Infrastructure, Urban Planning and Wellbeing Pillar. His Highness reviewed the layout and implementation phases of the Master Plan, the short and long-term initiatives to be undertaken in each phase as well as the facilities, services and features to be added to each beach.

### **Jebel Ali Public Beach**

His Highness was briefed on Phase I of the Master Plan spanning 54 km of public beaches, which includes the development of the Jebel Ali Public Beach in collaboration with Nakheel. The beach will be developed into an exceptional eco-tourism attraction featuring diverse activities. Mangrove trees will be planted in parts of the beach to boost protection from erosion and preserve

marine animal habitats. The beach will have a variety of public services and amenities.

The public beach will also have cycling and pedestrian tracks, aqua sports facilities, rest and recreation amenities, restaurants and food carts, shops and investment outlets as well as family spaces, beach camping and parking areas. A direct public bus route will be launched to link Jebel Ali Metro Station to the new Jebel Ali Public Beach offering direct access for beachgoers.

The public will be able to visit turtle enclosures created at the beach in accordance with global standards for their protection. The enclosure will support nationwide efforts to save and rehabilitate turtle species and return them to their natural habitat, as part of the broader goal of preserving the country’s marine environment.

### **Al Mamzar Public Beach**

The ‘Master Plan for Developing Dubai Beaches’ also





includes the further development of the Al Mamzar Public Beach (Creek and Corniche). The development project, which will commence in June this year, is set to be completed by the end of this year. The project will feature new public facilities, pedestrian and cycling tracks and the planting of mangrove trees along the Corniche section of the beach.

### Key Targets

As part of the new Plan, a 4,000-metre cycling track will be added to the Al Mamzar public beaches and 9% of its public beaches will be designated for night swimming in 2023. In 2024, the number of services at the beach will double and an additional 3% of public beaches will be designated for night swimming while in 2025, the beach services will increase three-fold and the length of cycling tracks will rise by 20%.

### Short and Long-Term Initiatives

An array of short and long-term initiatives will seek to boost investment in commercial facilities at the beach. In the short term, retail kiosks will be constructed on Jumeirah Beach 2 and Umm Suqeim 1 and the beach will see new water sports facilities and the installation of smart safe







lockers. Long-term initiatives include a study to explore the offering of new commercial investment opportunities through the introduction of retail outlets, restaurants, and marine sports activities as well as the development of Jebel Ali Public Beach to provide camping facilities.

**Services for People of Determination**

The ‘Master Plan for Developing Dubai Beaches’ prioritises the needs of people of determination and seeks to ensure that they will have smooth accessibility to the beach and swimming facilities. Services and amenities tailored for their convenience will be introduced in all public beaches,

from Al Mamzar to Umm Suqeim.

The Plan will also cater to people of determination with hearing and visual impairments by integrating their specific requirements into the designs of beach development projects in line with the Dubai Universal Code of Design that is based on international best practices.

A total of 10 entrances and routes have already been provided to streamline access for People of Determination to the sea at Jumeirah Public Beach 1 and 2, Umm Suqeim Public Beach 1 and 2, Al Mamzar Public Beach and Al Mamzar Corniche while 28 parking spaces have been designated for People of Determination along with associated public







## Mohammed bin Rashid endorses the Master Plan to develop and extend Dubai Beaches by 400% by 2040

### Objectives of the Dubai 2040 Urban Plan

Icon	Length of existing beaches	Length of targeted public beaches	Total length of public beaches by 2040
	21 km	84 km	105 km

### Public Beaches Development Pillars

 <b>Shops and restaurants</b>	 <b>Mangroves plantation &amp; water sports</b>	 <b>Pedestrian and bicycle tracks</b>
 <b>Investment opportunities</b>	 <b>Resting facilities and family spaces</b>	 <b>Marine Sanctuary</b>











facilities, wheelchairs on the beach, and public chairs for use in swimming in the sea. Experienced lifeguards have been deployed on all beaches to serve people of determination. Jumeirah Public Beach 2 recently saw the introduction of a 73-metre marine platform. The first facility of its kind in the UAE, the platform features three lanes designed to ease accessibility for people of determination to the sea. Conforming to the highest safety standards, the facility seeks to enhance the beach experience of People of Determination. The feedback of People of Determination will be taken into consideration before introducing the facility in other beaches.

### Globally accredited beaches

Dubai has a total of eight public beaches which feature swimming areas, sandy areas and running tracks. These include public beaches in Khor Al Mamzar, Al Mamzar Corniche, Jumeirah 1, Jumeirah 2, Jumeirah 3, Umm Sugeim 1, Umm Sugeim 2, and Jebel Ali Public Beach. All these public beaches have received the international Blue Flag certification for five consecutive years, which confirms that they maintain compliance with global standards for seawater quality, environmental education, environmental management, public safety, and services.



# RTA launches trial operation of 'First Autonomous Electric Abra'

## The design preserves the traditional identity of abras

**Dubai's Roads and Transport Authority (RTA) has embarked on a trial operation of the 'First Autonomous Electric Abra', with a capacity to carry eight riders. It was manufactured locally at RTA's Al Garhoud Marine Maintenance Centre, featuring a design that preserve the heritage identity of abras. The initial journey of this abra took place from Al Jaddaf Station to the Festival City Station on Dubai Creek.**

His Excellency Mattar Al Tayer, Director General, Chairman of the Board of Executive Directors, RTA said: "The operation of the Autonomous Electric Abra is in line with RTA's efforts to achieve Dubai's Strategy for Self-Driving Transport that aims to convert 25% of the total mobility journeys in Dubai into self-driving journeys by 2030. It also contributes to the realisation of Dubai's master plan to curb carbon emissions of public transport means as per the requirements of the Dubai Supreme Council of Energy."

"The Autonomous Electric Abra boasts superb features highlighted by zero carbon emissions, lower operating and maintenance costs by 30%, and the elimination of noise compared to diesel-powered models. It is equipped with two electric motors with a maximum speed of seven knots. It has an autonomous control system and four lithium batteries that ensure an operating time of seven hours.

RTA adopted new technologies in designing the structure of the Autonomous Electric Abra and used fibreglass in the hull to reduce the weight.", he added.

During the trial run so far, the Autonomous Electric Abra achieved Level 4 out of the 6 levels of the international autonomy levels for ship design and operation. The trials, which were carried out in cooperation with Exalto Emirates and Marakeb companies, included operating and running fully autonomous procedures independent of the captain, who acts only as operation supervisor to intervene only if needed. The autonomous procedures ensure 100% adherence to the predetermined line given the effects of the waves and wind. The procedures also detect obstacles in the navigational path, notify the control centre of any system defect or deviation from the operating plan, intervene if the abra faces an obstacle during the journey, and programme





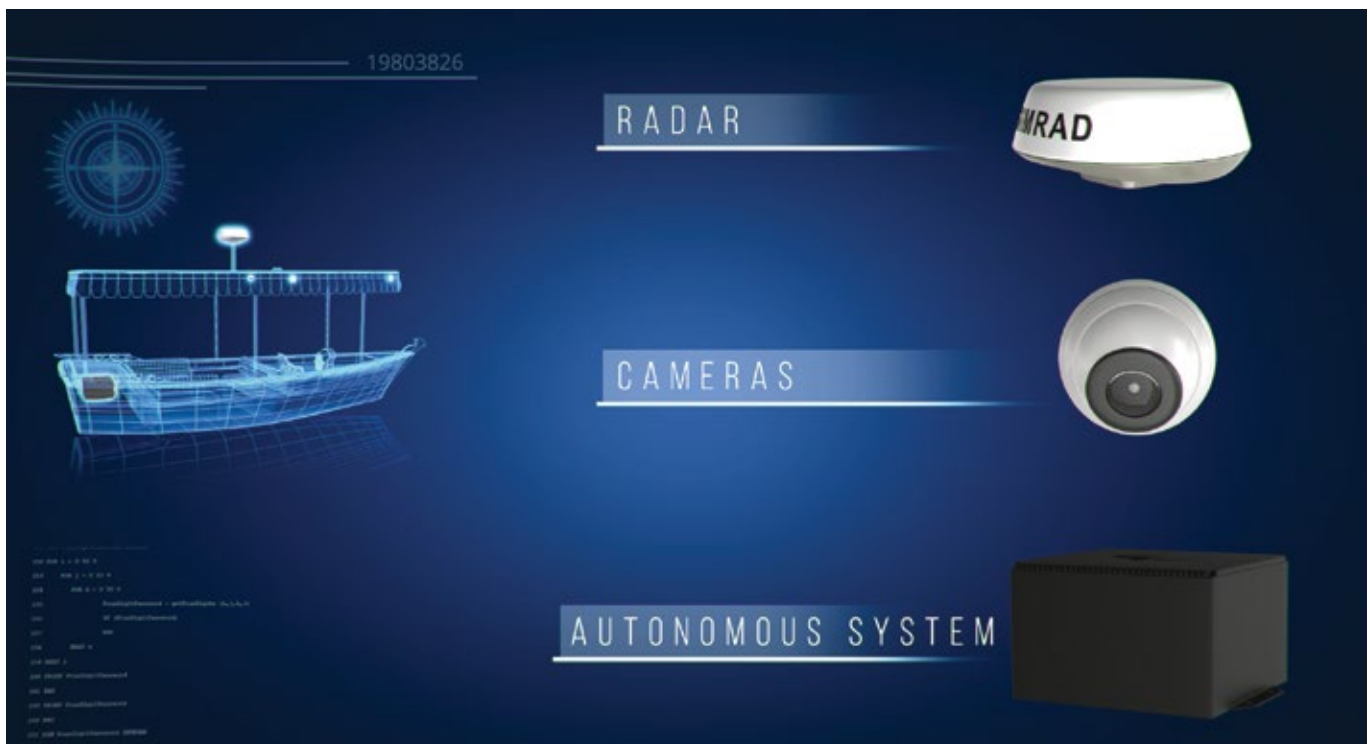


additional scenarios to cope with the situation. “RTA will develop automated anchoring operations and scenarios for making decisions during maneuvering and emergency, follow up the maturity of the system to reach Level 5 of autonomy levels and coordinate with the Dubai Maritime City Authority in matters related to the legislation of autonomous marine means,” added Al Tayer.

## Plan

“RTA has developed a master plan to develop the marine

transport means, which is vital for the smooth mobility in the Emirate. Marine transport ferried about 16 million riders in 2022. The plan includes the development of four traditional abra stations in Dubai Creek namely Bur Dubai, Deira Old Souk, Dubai Old Souk, and Al Sabkha Stations. The plan envisages increasing the capacity of the abra stations by 33%, using advanced technologies to reduce maintenance costs and increase the lifespan of assets, improving the lighting of stations and marinas, and providing facilities for customers and investment areas.





# DEWA and RTA collaborate to enhance the shift towards a green economy

Dubai Electricity and Water Authority (DEWA) signed a sponsorship agreement with the Roads and Transport Authority in Dubai (RTA). According to the agreement, RTA will be the Platinum Sponsor of the World Green Economy Summit (WGES), which is organised by the World Green Economy Organization (WGEO), DEWA, and the Dubai Supreme Council of Energy, for three sessions from 2023 to 2025. This supports the shared vision of DEWA and RTA to support the transition to a green economy and consolidate Dubai's position as a global platform for sustainability.

The agreement was signed by HE Saeed Mohammed Al Tayer, MD & CEO of DEWA and Chairman of the WGEO; and HE Mattar Al Tayer, Director General and Chairman of the Board of Executive Directors of RTA.

"The World Green Economy Summit, which is held under the patronage of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, is part of the UAE's contributions to the global community's collective effort to launch sustainable initiatives to help the world transition

into a green economy. The Summit plays a fundamental role in supporting the UAE's outstanding efforts in climate action, as well as supporting its firm commitment to sustainability, unwavering support for energy and climate change issues, and the development of sustainable solutions to environmental challenges. It also reflects the UAE's effective and influential role in achieving sustainable, low-carbon economic growth and ensuring a better future for humanity. It provides a strategic platform for developing effective and proactive plans to combat climate change,



enhance international cooperation and overcome climate change challenges and risks,” said HE Saeed Mohammed Al Tayer, MD & CEO of DEWA, Chairman of the WGEO “We are pleased with RTA’s sponsorship of the World Government Summit. This supports our shared vision to be part of the UAE’s efforts in climate action and the transition to a sustainable green economy. This year’s edition of the Summit supports the UAE’s preparations to host the Conference of the Parties to the United Nations Framework Convention on Climate Change (COP 28) in Dubai Expo City later this year,” added HE Saeed Mohammed Al Tayer. HE Saeed Mohammed Al Tayer said that since its launch in 2014, WGES had succeeded in galvanising global efforts to promote the shift towards a green economy and has provided a strategic platform to support international cooperation to face global challenges, promote sustainable development and investments in the green economy, encourage adoption of effective policies, plans, and initiatives in this area, and discuss pressing issues including climate change and global warming. WGES helps align energy policies with the Sustainable Development Goals, exchanging views on successful sustainability strategies, systems and policies, and using available opportunities to support the transition to a green economy. WGES brings together many leaders, experts and specialists in various areas related to a green economy and sustainable development.

HE Mattar Al Tayer, Director General, Chairman of the Board of Executive Directors of the Roads and Transport Authority (RTA), said, “The World Green Economy Summit, held under the patronage of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, has contributed to strengthening the global standing of the UAE in supporting energy and climate change issues as well as initiating and innovating sustainable solutions for occurring challenges, especially in the fields of environment and energy. Such efforts are aimed to build a better thriving future and foster the well-being of all.

“We are pleased to sponsor this global event, which is organised by the World Green Economy Organization, DEWA, and the Dubai Supreme Council of Energy



throughout the next three editions 2023 – 2025. This sponsorship stems from RTA’s keenness to support efforts to raise the profile of Dubai as a global hub in matters related to sustainability and the green economy. It yielded a road map that is bound to result in zero emissions by 2050, in all aspects related to green mobility, infrastructure and the circular economy. This event showcases the role of the UAE in achieving sustainable development and developing solutions to environmental issues and climate change. It coincides with huge efforts that the UAE is undertaking locally and globally related to His Highness Sheikh Mohamed bin Zayed Al Nahyan, President of the UAE, declaring 2023 as The Year of Sustainability, under the theme ‘Today for Tomorrow’. It also coincides with the UAE’s hosting of the UN Framework Convention on Climate Change (COP28), the largest international gathering in the field of climate action,” explained HE Mattar Al Tayer.

“RTA attaches special attention to sustainability and has therefore embodied it in its vision and mission to provide safe and seamless transportation and develop innovative and sustainable road and transport services.

RTA is undertaking a host of initiatives related to energy and the green economy, such as fully converting taxis to environmentally-friendly vehicles (hybrid, electric and hydrogen-powered) by 2027. The drive is part of a master plan to reduce carbon emissions in taxis in line with the requirements of the Dubai Supreme Council of Energy, and migration to the green economy. Projects in this regard also include the operation of the Air Taxi in 2026 to ease the transportation of individuals in a safe, smooth and sustainable manner integrated with the public transportation network in Dubai,” added HE Mattar Al Tayer.

# Launching Enterprise Platform to design and develop AI solutions

The platform assists in the predictive maintenance of roads & bridges and crowd management

**Dubai's Roads and Transport Authority (RTA) has launched a comprehensive Enterprise Platform for designing and developing AI and data science solutions at world-class standards in collaboration with top global firms. It is characterised by an exceptional ability to process RTA-owned data and restructure it for training machine learning models that foster innovation and leadership across a variety of operations, including predictive maintenance for roads and bridges, public transportation route planning, crowd management and more.**

His Excellency Mattar Al Tayer, Director-General, Chairman of the Board of Executive Directors, RTA, said: "The launch of this platform affirms RTA's commitment to advancing Dubai's transition into the world's smartest city. By leveraging AI, the platform aims to foster residents'

wellbeing and boost sustainability and service efficiency." "RTA boasts one of the UAE's largest big data platforms in terms of storage capacity. It has been linked with the AI platform, to benefit from the existing historical data and develop use cases that meet RTA's





## AI Tayer: RTA boasts one of the UAE's largest Big Data Platforms in terms of storage capacity

strategic and operational requirements. Applications include analysing traffic data and identifying patterns and forecasts, which contributes to an efficient road network planning and reduces traffic congestion,” noted Al Tayer.

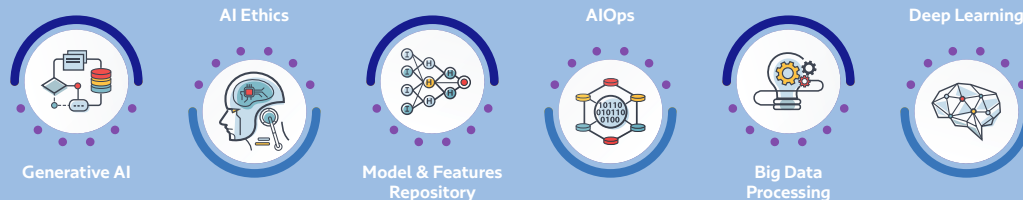
“The AI platform constitutes a foundation for undertaking a range of projects within RTA’s AI project roadmap. It covers more than 100 use cases across various domains that cover predictive maintenance for RTA’s assets and properties as well as offering AI-integrated smart services to enhance both customer and employee experiences and expedite the processing of administrative tasks.

“The use of predictive maintenance of roads and bridges, public transportation network planning, and crowds’ management are key use cases that mark RTA’s direction of incorporating AI technologies in all systems by 2031. It conforms to the UAE’s AI strategy and illustrates the importance of data and AI in supporting

decision-making and anticipating future requirements. Ultimately, it contributes to positioning RTA among the leading local, regional and global government agencies,” explained Al Tayer.

The AI platform stands out for its ability to train deep machine learning models and offers numerous pre-built algorithms for machine learning, thus, eliminating the need for source code writing. It also provides a mechanism for comparing algorithm performance in terms of speed and accuracy, allowing the selection of the most suitable one to be used. It also empowers RTA to develop AI use cases, integrate them into various systems like websites and digital apps in addition to monitoring machine learning model performance, and implementing a mechanism to interpret AI model decisions. As such, it ensures that AI models do not make decisions incompatible with the AI principles and ethics set by the Dubai Digital Authority. RTA has trained several Emiratis in leadership, supervisory and technical roles to empower them to analyse data and extract information that supports decision-making, and develops use cases on the RTA’s AI platform, which will also boost the reliance on in-house resources in encouraging development across the board.

### Advantages of the AI Enterprise Platform

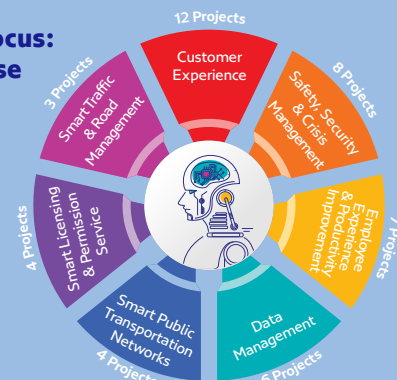


### Top Figures: AI Enterprise Platform

AI Use Case	100+
AI Algorithms	30+
Trained Staff	20+



### Fields of Focus: AI Enterprise Platform



# RTA awards contract for constructing internal roads in 5 Al Qusais Industrial Areas

The project is undertaken in response to the directives of Mohammed bin Rashid, Hamdan bin Mohammed

In response to the directives of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE, and Ruler of Dubai; and His Highness Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum, Crown Prince of Dubai and Chairman of the Executive Council, to develop the infrastructure of residential and industrial areas, address the needs of demographic and urban expansion, and foster the wellbeing and happiness of the residents, Dubai's Roads and Transport Authority (RTA) has awarded a contract for constructing internal roads and lighting works in Al Qusais Industrial Area 1, 2, 3, 4, and 5. The project encompasses the construction of 32 roads spanning 10 km, and streetlights stretching approximately 43 km. The project will boost the road intake by 200% (from 500 to 1,500 vehicles per hour in both directions), and reduce the journey time by 60%.

His Excellency Mattar Al Tayer, Director General and Chairman of the Board of Executive Directors of the Roads and Transport Authority, said: "The construction of internal roads reflects RTA's keenness to upgrade the infrastructure of roads, streetlights, and rainwater drainage systems in residential and industrial communities. The internal roads project in Al Qusais Industrial Areas 1, 2, 3, 4, and 5 improves the linking of Al Qusais Industrial Areas, which are

**Al Tayer: The project increases roads capacity by 200%, cuts travel time by 60%**

served by four main streets, namely Amman Street, Beirut Street, Halab Street, and Damascus Street. It improves the entrances and exits for 320 workshops, 25 residential



buildings, shops, and educational zones. The population of the area is estimated at 60,000 people”.

## Works Underway

“RTA is currently working on the internal road and lighting in four residential areas, namely Margham, Lehabab, Al Lisaili, and Hatta, spanning about 37 km in total (21 km of road works and 16 km of streetlights on existing streets). The project is planned for completion by the end of this year. The internal roads project in Margham covers the construction of roads extending 8 km along the Dubai-Al Ain Road, near Skydive Dubai, along with infrastructure works that include rainwater drainage networks and streetlights. The project serves more than 1,100 residents of the neighborhood,” explained Al Tayer.

## Lehabab

The internal roads project in Lehabab includes the construction of roads extending 4 km along with work involving rainwater drainage and streetlights. The scope

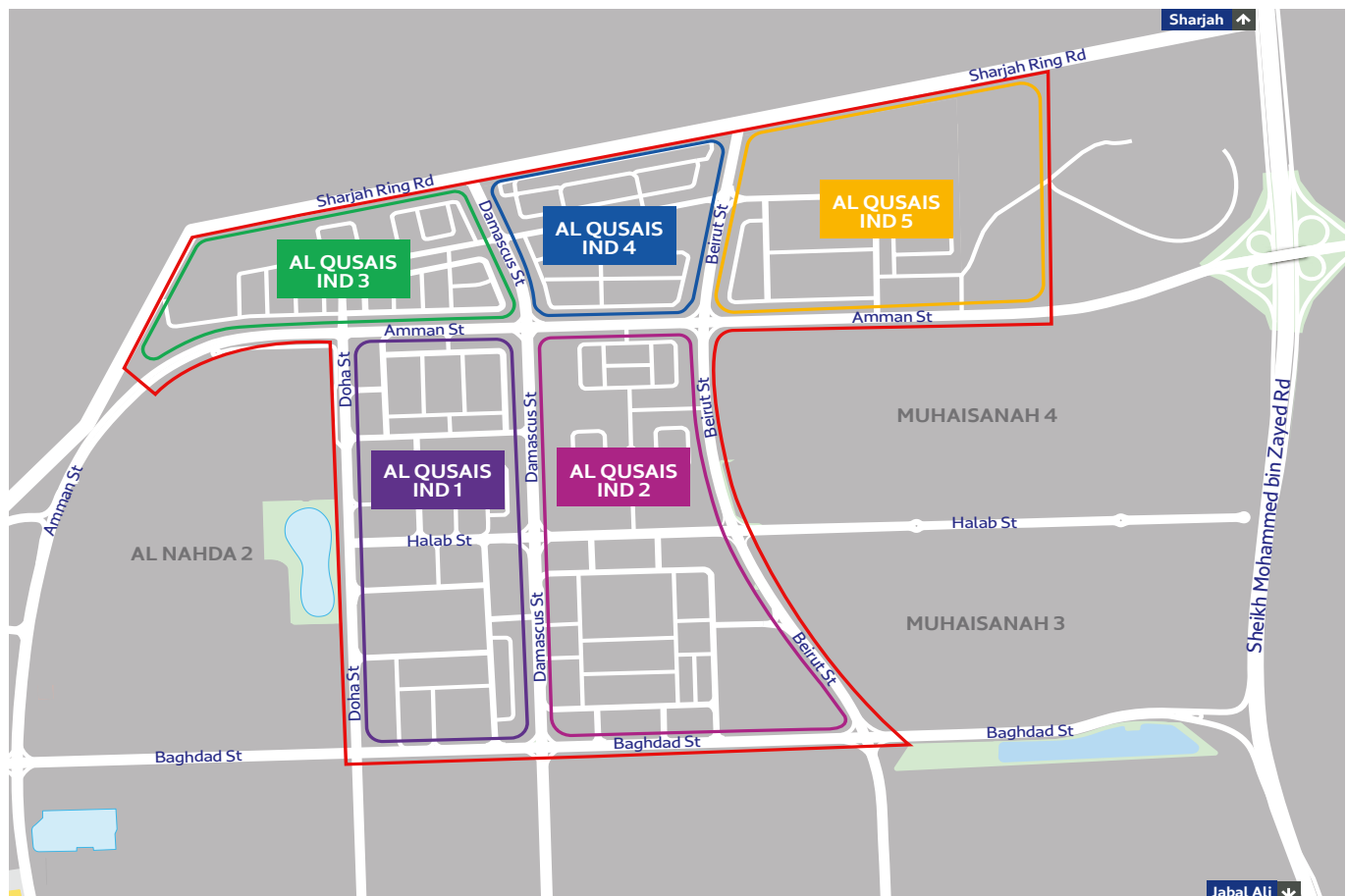
of the project covers lighting works on the existing streets extending 2 km along the Dubai-Hatta Road beside Lehabab Camels’ Race Track. The project serves about 3,000 residents and improves the linkage of the residential area under construction with the road network.

## Al Lisaili

The project includes constructing roads extending about 7 km in Al Lisaili and lighting works for the existing roads extending 14 km in Saih Assalam near the Last Exit and Al Qudra Lake. The project serves about 2,900 residents and improves the entry and exit points in the area.

## Hatta

The project covers the construction of roads extending 2 km in Hatta, specifically in Sa’aer, Al Salami, and Suhaila, in addition to works involving rainwater drainage and streetlights. The project serves about 6,000 residents and improves the entry and exit points as well as the connection of the residential community under construction with the road network.





# Opening 160m cycling underpass at Meydan

## The tunnel can handle 800 bicycles per hour

Dubai's Roads and Transport Authority (RTA) has opened a new tunnel specifically designed for cyclists in Meydan area. This tunnel spans 160m in length and 6.6m in width, with a capacity to accommodate approximately 800 bicycles per hour. Opening this project is part of RTA's efforts to transform Dubai into a bicycle-friendly city, which requires improving the infrastructure of cycling tracks and linking them with the residential areas as well as popular attractions. It also encourages residents and visitors to practice sports and recreational activities and provides a safe cycling experience for bikers conforming with the highest safety requirements.

The project, which is part of enhancing the infrastructure of Meydan intersection, entails transforming the surface intersection of the cycling track with Meydan Street into a dedicated tunnel, ensuring free and uninterrupted movement along the Meydan cycling track. This effectively reduces waiting time for cyclists as a result of the elimination of the surface intersection. It also serves cyclists by connecting the development projects at Meydan and Nad Al Sheba communities as well as the Cyclists Club with the track.

The design and construction of the cycling track tunnel were

carefully planned to adhere to the highest international standards, specifications, and technical guidelines. The tunnel's interior design reflects the landscape of plateaus and hills at sunset, and it is equipped with day and night lighting to always ensure clear visibility for cyclists. The construction of the tunnel in Meydan is part of RTA's master plan for cycling tracks in Dubai and an overarching strategy to develop and expand the cycling lane network to connect key areas of the emirate. This ambitious plan aims to increase the total length of cycling tracks in Dubai to an impressive 819 km by the end of 2026.

## 82% of RTA's facilities retrofitted for People of Determination

**Dubai's Roads and Transport Authority (RTA) announced the completion of 82% of retrofitting buildings and facilities which includes the first and second phases to make them compatible with the Dubai Building Code - Accessibility for People of Determination.**

"During the first and second phases of the project, which had been completed recently, the Building and Facilities Department retrofitted several locations, including RTA Head Office, Customer Happiness Centres in Umm Ramool, Deira, and Al Barsha, as well as several bus stations at Al Quoz, Ibn Battuta, and Deira City Centre. Works also included retrofitting the multi-level parking terminals at Naif, Al Rigga, and Carlton in addition to the old and new Sabkha and Ghubaiba," said Abdulrahman Al Janahi, Director of Building and Facilities, Corporate Administrative Support Services Sector, RTA.



"The project included tactile guiding paths both internally and externally for the visually impaired, wheel-chair ramps, and signage, toilets, automatic doors, and audio



enhancements, such as a microphone at the reception desk to communicate with people with hearing impairments. In addition, counters have been allocated for people with mobility challenges, braille signage as well as special smart phones to assist those with hearing and visual impairments” added Al Janahi.

“RTA is currently gearing up to initiate Phase III of retrofitting its buildings and facilities to achieve a 100% completion rate according to the 2023 plan. This phase encompasses ticket kiosks at marine transport stations, Al Jaddaf marine transport station, and bus stations at the Mall of the Emirates, Al Karama, Al Qusais, and Jebel Ali,” concluded Al Janahi.

### Gold Certificate

RTA obtained the Gold certificate in the “Accessible for All” category from the Dubai Municipality in recognition of its

efforts to retrofit customer happiness centres to meet accessibility standards and requirements.

RTA also provides ‘Mobile Customer services’ for people of determination in their homes by providing access for employees and customer services through a bus equipped with an elevator and escalator, in which customers are received and process their transactions.



# RTA obtains awards for Innovation in Sustainability Technology and Asset Management

The awards are a tribute to Bridges and Pavements Maintenance Management Systems

Dubai's Roads and Transport Authority (RTA) was named a winner in the Gulf Sustainability Awards 2022 Award under the category of Innovation in Sustainable Technology for Bridge Maintenance Management System (BMMS) project. RTA also won the Brandon Hall Excellence Award 2022 under the Business Future – Best Advance in Assessment and Survey Technology category for the Pavement Maintenance Management System (PMMS).

## BMMS

“RTA is always keen to make effective participation and win international accolades. Consequently it won the Gulf Sustainability Awards 2022 in the Bridge Maintenance Management System (BMMS). It is a comprehensive system that manages and maintains the infrastructure of bridges while also tracking and

managing various bridge-related data about location, lifecycle, condition, and maintenance history. Furthermore, the system enables the creation of maintenance plans that prioritise tasks based on risk-based and predictive maintenance of the bridge's condition,” said Maitha bin Adai, CEO of RTA Traffic and Roads Agency.





## 95% for data accuracy

The system works on optimal planning of maintenance costs over the next four years for multiple options of maintenance works while keeping assets at the highest operational efficiency. It contributed to enhancing data accuracy by 95% compared to traditional methods by entering field inspection data using tablets connected directly to the system to speed up inspection work.

## PMMS

“RTA won the Brandon Hall Excellence Award 2022 for a submission about the Pavement Maintenance Management System (PMMS) project. It is a comprehensive automated system for assessing roads condition, maintenance and pavement, specialising in pavement maintenance management and is tailored to track and examine paving layers for all types of roads, record the current pavement condition, and identify damages that occur in the paving layers during the operational cycle of paving, including data related to the date of construction, operational status, and maintenance procedures,” noted Maitha bin Adai.

## 97% increase in inspection data accuracy

“The road paving assets are of important functional value that are invested in by scheduling their economic and technical maintenance way to make them feasible to maintain, in a functional operational condition and meet the required safety and comfort levels for users. Therefore, the survey of the current state of pavements was developed into an automated method using advanced technology. It employs a high-quality laser scanning head to gather road surface

condition data, which has a huge role in enhancing the operational efficiency of road network condition inspection by reducing field inspection time by up to 400% and increasing the accuracy of automated inspection data to 97% compared to previous surveying and automated examination,” concluded bin Adai.

It is noted that Dubai’s Road Facilities Construction Condition Index scored 95% in 2022, according to the functional and structural assessment conducted by the Traffic & Roads Agency. The assessment aimed to identify surface damage such as cracks, subsidence, potholes and loosening in the surfaces of asphalt pavements. This was represented by the pavement quality index and the driving comfort level or road ruggedness using advanced laser equipment.



# Opening two smart customer happiness centres at Al Manara and Al Kifaf

The smart centres provide automated services without human intervention

Dubai's Roads and Transport Authority (RTA) has inaugurated two smart customer happiness centres; one located in Al Manara and the other in Al Kifaf, as part of a master plan to expand service offerings in line with UAE's digital government strategy. The two centres deliver seamless automated customer services using smart devices smoothly, without human intervention, in order to further enhance customer satisfaction.

His Excellency Mattar Al Tayer, Director General and Chairman of the Board of Executive Directors of the Roads and Transport Authority stated: "RTA is committed to enhancing its customer services and fostering the shift to smart channels to boost the

**Al Tayer: RTA plans to transform 6 customer happiness centres into smart/hybrid centres by 2025**



## Offering new services for delivering driving licenses, vehicle registration cards

Dubai's Roads and Transport Authority has announced the introduction of new services for delivering driving licenses and vehicle registration cards. Under the new service offering, driving licenses and vehicle registration cards can be delivered in two hours within Dubai, and on the same day to Abu Dhabi and Sharjah. A new service has been added for forwarding consignments to overseas clients.



digital adoption rates. This initiative aligns with the vision of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice-President and Prime Minister of the UAE and Ruler of Dubai, as well as the directives of His Highness Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum, Crown Prince of Dubai and Chairman of the Executive Council, to transform Dubai into the world's smartest city. Offering exceptional services and a performance that surpasses customer expectations is essential for fostering the happiness of Dubai's residents and visitors."

"The conversion of the customer happiness centres in Al Manara and Al Kifaf into smart centres is part of the RTA's plan to evolve these centres into fully smart and hybrid centres. This aligns with the Dubai Government's Services 360 vision and their strategy to reduce the number of centres.

"The plan entails the transformation of the Al Twar customer happiness centre into a smart centre in the first half of this year, followed by Umm Ramool customer happiness centre, which will become a hybrid centre in 2024. Additionally, Deira and Al Barsha customer happiness centres are scheduled for migrating to hybrid centres in 2025," Al Tayer added.

## Customer experience

During a tour of Al Manara Customer Happiness Centre, Al Tayer was briefed on the centre's facilities, which have been designed in accordance with the top global customer service practices. The goal is to promote customer service v providing easy access to services and



interactive communication with RTA's call centre staff via video chat technology ensuring offering instant services as well as support and guidance from service consultants using dedicated platforms. This contributes to delivering excellent services that please customers and enhance their experience across all channels.

Al Manara Centre features several outlets such as smart kiosks, website, smart apps, service consultants, and video chat. The comprehensive improvements seen by the centre included increasing the number of services offered from 72 to 239 services and boosting operational efficiency. It is anticipated that the number of transactions processed by the centre will rise from 23,000 in 2022 to 45,000 transactions by the end of this year.

Rounding off his tour, Al Tayer called upon RTA employees to redouble their efforts and set achieving customers' happiness and expectations as a priority.

RTA seeks to make people happier and sustain the ongoing improvements in serving motorists applying for the renewal of driving licenses, renewal of vehicle registration or replacement of damaged/lost driving licenses or vehicle registration cards and the issuance of international driving licenses.

## Delivery Services Statistics

During the first quarter of this year, RTA processed 134,640 transactions relating to various transactions including: 107,054 vehicle-renewal transactions, 25,500 driving license renewal transactions, 939 transactions for replacing

damaged or lost driving licenses. In additions to 732 international driving licenses issuance transactions, and 415 damaged or lost vehicle registration cards replacement transactions.



# Launching integrated platform for monitoring and managing soft mobility means through EC3

Dubai's Roads and Transport Authority (RTA) unveiled a comprehensive platform for monitoring and managing soft mobility operations, in collaboration with key stakeholders and service providers. This platform seeks to advance sustainable mobility by employing AI technologies. It is part of the endeavours to fulfil the ambitions to bolster Dubai's standing as one of the world's smartest cities and achieve the UAE's vision to have a leading global role in AI by 2031.

Reflecting on the launch of the platform, Hussain Al Banna, CEO of Strategy and Corporate Governance Sector at RTA, said: "This platform is a crucial initiative under the umbrella of RTA's Enterprise Command and Control Centre (EC3), aimed at enhancing the quality of services and smooth, safe, and secure mobility for users. It assists in the preparation of technical studies and promotes the integration of multiple mobility means. Ultimately, it leads to a seamless and integrated travel journey for public transport riders and ensures the safety and security of all users of Dubai's roads".

"The soft mobility integrated platform links the systems of service providers to the EC3. The initial phase linked five providers of soft mobility services including four shared

**The platform Supports the integration of multiple mobility means to provide a smooth journey for commuters**

**Enhances traffic safety on crossing lanes designated for pedestrians and cyclists**

**Integrate with 5 soft mobility service providers under Phase I**

e-scooter operators and one shared e-bike operator. Over 2,500 e-scooters are operated across 21 regions (11 new areas were added in the first quarter of 2023). Shared





e-scooters made more than one million trips in 2022. In Addition, the 1,750 shared bikes provided in 28 areas across Dubai recorded over 1.3 million trips in 2022,” he added.

### Smart pioneering

Al Banna stressed the significance of the initiative in monitoring and managing soft mobility means across the emirate in real-time. “The platform contributes to improved performance and traffic safety on all crossing lanes and tracks designated for pedestrians and bikers

by verifying compliance with the geographical zone designated for each provider and monitoring the numbers permitted in each zone. It also monitors compliance with the speed limits and issues alerts for violations. It monitors the usage rates of those means to promote soft mobility and the first- and last-mile journeys, besides enhancing Dubai’s pioneering standing in AI technology and environmental sustainability.

RTA undertook numerous initiatives to enhance the individual mobility experience, most notably expanding the cycling tracks, which grew from just 9 km in 2006 to 544 km in 2022, resulting in an increase in the average cycling lane-kilometre from 10.6 km to 14.45 km per 100,000 population during 2017-2022-. Future plans aim to extend these lanes to 833 km by 2026 in line with the strategy to transform Dubai into a bike-friendly city introduced in 2021 by His Highness Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum, Crown Prince of Dubai and Chairman of the Executive Council.

### High use rates

RTA has established a soft mobility plan to redesign the road network across various districts to accommodate all soft mobility needs. RTA implemented this



initiative in three different districts of the emirate: Al Qusais 1, Al Mankhool, and Al Karama. It was reported that the rate of using bikes at Al Qusais topped 100%, and the pedestrian satisfaction rate averaged 87% in areas where soft mobility was implemented. Plans are in place to expand to cover 31 additional districts over the next five years.

RTA has improved the infrastructure in the surrounding mass transit stations by making improvements to around 30 different stations in the emirate. This aims to facilitate easier access to these stations using sustainable transportation methods, which has led to an increase in public transport users from 461 million in 2021 to 621 million in 2022. Plans are in place to extend these improvements to 32 additional stations by 2027.

RTA is continuously running various initiatives to ensure the safety and comfort of commuters, enhance the integration of public transport means and promote the role of soft mobility in first-and-last-mile journeys and short trips. RTA contributed to the issuance of the Executive Council Resolution No. 13 of 2022 to regulate the use of bikes in Dubai, set flexible speed limits on different routes according to the area and time, and assign a plate number to each shared scooter.

# Providing vehicle testing service all days of the week

## Expanding the number of centres due the growing public demand

**Dubai's Roads and Transport Authority (RTA) permanently ran vehicle technical testing services on all weekdays, including Sundays, as of April 30. The step follows a successful two-month trial period in the Ras Al Khor Industrial Area, and the scope of the service is being expanded to cover four centres.**

"The technical testing service will now be permanently available on Sundays as well, with an expanded scope that includes testing centres affiliated with ENOC Tasjeel centres at Al Aweer, Al Tawar, AutoPro Al Mankhool, and AutoPro Al Satwa. The step was taken in response to the growing demand for the service during the trial period,

where the average number of transactions on Sundays reached 234 technical tests," said Ahmed Mahboub, Director of Vehicle Licensing, Licensing Agency, RTA.

"The initiative was introduced on a trial basis in two centres, namely Al Mutakamela Vehicles Testing & Registration Centre and Tasjeel's Used Car Market Centre,

# Launching digital platform to issue clearance certificates for infrastructure works in Dubai

**Dubai's Roads and Transport Authority (RTA) has unveiled a digital platform for issuing clearance certificates related to infrastructure works carried out within the Right-of-Way, using the electronic No-Objection Certificates (eNOC) system. The platform was set up in collaboration with the concerned government agencies and establishments to issue final completion certificates to businesses operating in Dubai's infrastructure sector such as contracting and consulting firms.**

By automating services, RTA seeks to bolster Dubai's pioneering efforts in digital transformation and its standing among the top smart cities through continued innovation and digital collaborations with partners. The process is characterised by an enhanced operational efficiency of digital services, transforming it into a key platform for providing service to customers.

Eng. Maitha bin Adai, CEO of Traffic and Roads Agency,

RTA said: "The eNOC service enables all contractors and consultants who have completed infrastructure works, including road and transportation projects, to apply for online clearance certificates. The eNOC issued verifies that the project has been duly completed, enabling them to claim their financial dues related to the project completion, ultimately saving customers' time and effort.

"The digital processing of the service is 30% faster



from 2:00 pm to 10:00 pm for two months. A study was commissioned to assess the impact of the initiative on the public, the scale of demand, and the extent of benefit achieved. Following the positive outcomes of the study, it was approved to apply the initiative permanently on

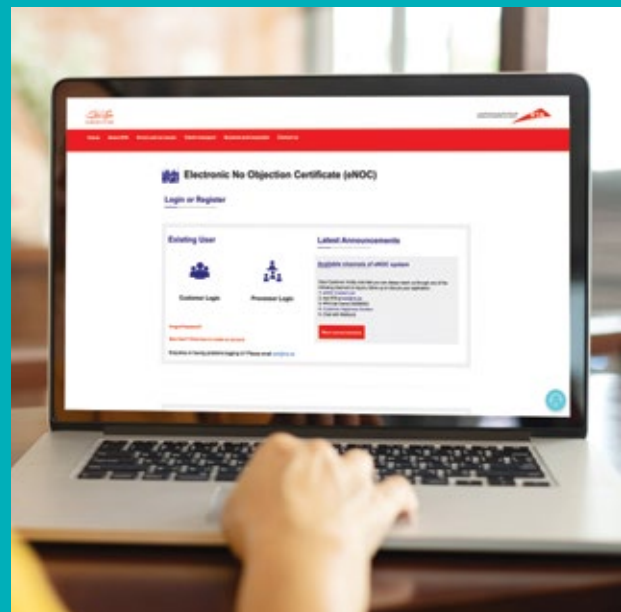
Sundays and increase the number of service provider centres. The range of services provided at these centres include testing for transfer, registration, export and renewal of vehicle registration as well as the testing of classic vehicles,” concluded Mahboub.

**The procedure is introduced in collaboration with the concerned government entities and establishments**

**The digital processing of the service is 30% faster compared to the previous system**

compared to the previous conventional process. During the initial months of the service launch, customers satisfaction rating soared to 91%” she noted.

“The aim of service digitisation is to enhance the experience of customers such as contractors and providers of infrastructure-related services, when applying for clearance certificates in compliance with Article (14) of the Executive Council’s Resolution No. (54) of 2021 governing works within the Right-Of-Way. The Resolution made it mandatory for contractors to obtain clearance certificates upon project completion; otherwise, they will be responsible for any delays associated with the obtaining of the certificate as stipulated in the Resolution,” concluded bin Adai.





# Dubai Taxi to add 58 public schools including 20k students to DTC School Bus App

Dubai Taxi Corporation (DTC), a subsidiary of the Roads and Transport Authority (RTA), has initiated the integration of 58 government schools including more than 20,000 students into its school bus application (DTC School Bus App). This move is a part of DTC's plan to expand its services to government schools throughout the emirate. Presently, DTC's school buses provide transportation services on approximately 800 routes.

"The services of DTC's School Bus app include the registration of students, and the registration of parents to enable them to track the movement of buses to and from schools. The app sends instant notifications to parents when students arrive at school or home, in addition to notifications in the event of an unexpected traffic jam. The app helps save time as parents can report the absence of

a student, which enables the bus driver to proceed on the route in an appropriate manner in the event of any impact on the bus journey." said Abdullah Ibrahim Al Meer, Director of Digitisation and Commercial Development, DTC.

"Dubai Taxi Corporation is keen to fit school buses with advanced technologies including surveillance systems to ensure that no student is left behind on any bus, and

## Opening 3 new bus routes, improving others to enhance integration between buses and metro

**On May 19th, Dubai's Roads and Transport Authority (RTA) launched 3 new metro link bus routes in Dubai. The step aims to expand the reach of the local bus network and step up the integration with other mass transit means in the emirate, particularly the metro. Moreover, some improvements will be introduced on some other routes from the same date.**

The first is Route 51, which will shuttle between Al Khail Gate and Business Bay Metro Station, at a frequency of 20 minutes during peak hours.

The second is Route SH1, which will commute between Dubai Mall Metro Station and Sobha Realty Metro Station, at a frequency of 60 minutes.

The third is Route YM1, which will operate between UAE Exchange Metro Station and Yiwu Market, at a frequency of 60 minutes.

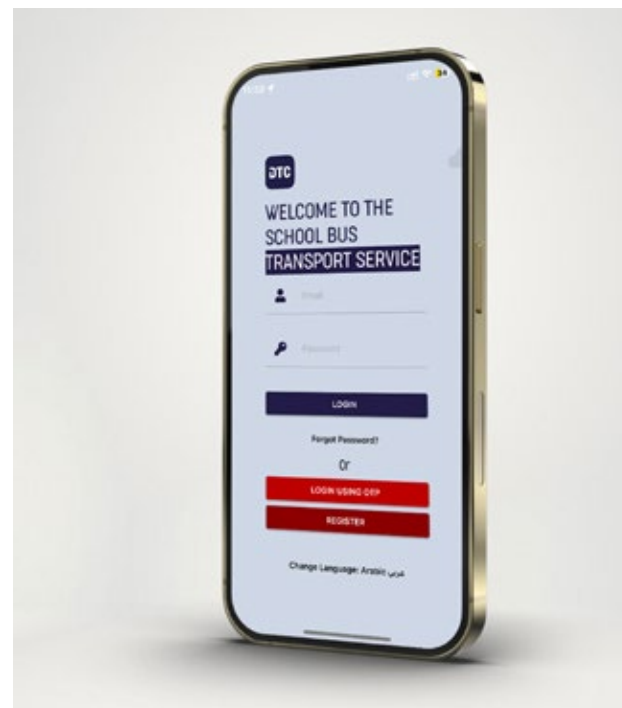
RTA is modifying the path of Route F47 to terminate

at the Dubai Investment Park Metro Station to shorten the journey. Those heading to Dubai Investments Park should use the current routes F51, F50, F48, and F46. Route 50 will end at the Business Bay Metro Station to cut the journey time. Passengers bound for Al Khail Gate should opt for the new Route 51. Route C15 will be extended to include Al Mamzar Beach Park bus stop to serve additional residential areas. Route E102 will also be extended to end at Al Jaffiliya Bus Station, thus the service from the CBD to Abu Dhabi Airport.

electronic trackers of buses and students using onboard devices. This approach upholds the highest safety and security standards,” explained Al Meer.

#### Technical Tracking of Buses

The app enables the bus driver to monitor the technical details of the bus such as the kilometres travelled and contact the control centre. It also sends notifications in case of traffic congestion, bus breakdown, changes in the timing of students boarding or leaving the bus besides notifying the control centre of any emergency cases. Such measures ensure compliance with the highest safety and security standards and in line with Dubai’s surveillance systems. It is worth noting that DTC continuously provides specialised training programmes for drivers to practice safe and responsible driving in line with RTA’s standards that attach paramount importance to the safety of students.



The Public Transport Agency will also make improvements to the journey times of 48 other bus routes, namely: 91A, C04, 91, 84, 81, 77, 67, 66, 64, 62, 61, 53, 51, 50, 29, 24, 22, 21, 17, 13, 8, 7C09, C15, C28, D03, E700, F01, F05, F06, F08, F10, F21, F26, F27, F30, F36, F47, F57, J01, N55, X02, X13, X22, X23, X28, X25 & X64.

RTA is always keen to expand the coverage of the public bus network and enhance the integration of buses with

other mass transit means such as the metro, tram, and marine transport. The improvement of public transport means will undoubtedly make public transport the best mobility choice in the emirate.

**These routes contribute to connect vital commercial areas**

# RTA Forms Strategic Partnership with World Logistics Passport (WLP) Initiative

Expanding business collaborations in the emirate

**Dubai's Roads and Transport Authority (RTA) has become a strategic partner of the World Logistics Passport (WLP) initiative, a private-sector-led programme in Dubai aimed at streamlining international trade and providing access to global markets. A memorandum of understanding (MOU) has been signed recently between the two parties to reduce costs, save time, and remove commercial barriers.**

The memorandum of understanding seeks to deliver exceptional global services, initiatives, and incentive programs that bolster Dubai's standing by supporting and organizing logistics and commercial transport firms. It also streamlines the operations of member companies through information sharing and joint programme consolidation with the goal of attracting worldwide

investments for mutual benefit. The partnership is intended to enhance opportunities for growth and align with the vision of both parties, ultimately resulting in improved customer satisfaction. Mr. Abdullah Yousef Al Ali, CEO of RTA's Licensing Agency and Mr. Mahmoud Al Bastaki, Director General of the WLP initiative, signed the memorandum.

## ‘Dubai Taxi’ Signs MoU with Canadian BluWave-ai

The MoU signing aims to explore best practices to transform taxis into eco-friendly vehicles

**The Dubai Taxi Corporation (DTC), a subsidiary of the Roads and Transport Authority (RTA), has signed a Memorandum of Understanding (MoU) with BluWave-ai, a Canadian company specialising in artificial intelligence (AI) in the field of renewable energy. The collaboration aims to explore optimal methods and practices for transforming taxis into eco-friendly vehicles while increasing the adoption of electric vehicles at minimal cost.**

Mansoor Rahma Al Falasi, CEO of Dubai Taxi Corporation, signed on behalf of DTC, and Devashish Paul, CEO and Founder of BluWave-ai, signed on behalf of BluWave-ai.

“The signing of this MoU is in line with RTA's plan to transform taxis in Dubai into 100% eco-friendly (hybrid, electric, and hydrogen-powered) vehicles by 2027. It also reflects DTC's efforts to realise its strategy to deliver innovative and sustainable transportation services at world-class standards,” said Mansoor Rahma Al Falasi.

“As per the MoU, DTC will supply BluWave-ai with

essential information to explore the most effective model for operating electric vehicles. Furthermore, a joint committee will be formed to monitor progress towards achieving common goals and evaluate performance deliverables. DTC and BluWave-ai aim to foster efforts for the success of shared initiatives and projects, ultimately realising their vision of smart and sustainable mobility,” he added.

### Reduced Emissions

“The MoU conforms to the Dubai Government's strategy aimed



Mahmoud Al Bastaki, Director General of the WLP, welcomed RTA's memorandum and emphasised the commitment of Dubai to develop a flexible and sustainable logistics ecosystem. The initiative aims to foster cooperation and strengthen trade routes via its unique network of partners and members, thereby increasing trade volume in high-value commodities. He also highlighted the ongoing efforts to expedite the adoption of digital infrastructure to make trade more efficient and productive for all stakeholders. Abdullah Yousef Al Ali expressed delight in signing the memorandum, considering it the first step in building a lasting partnership with the WLP initiative. He views the memorandum as a strategic framework that enhances services for business owners in Dubai by fostering collaboration in commercial transport activities and delivering targeted, exceptional services to individual customers and companies operating in the sector, thus contributing to the growth and solidification of the sector's position in the emirate.



Under the memorandum, the WLP initiative, through its extensive network, will focus on cost reduction, time-saving, and the elimination of trade barriers. It also aims to simplify the transportation of goods for merchants and freight forwarders while providing access to global markets. The RTA will facilitate the operations of logistics and commercial transport companies by offering concessions based on the available resources in Dubai. The authority will be responsible for organizing and issuing no-objection certificates for companies engaged in commercial transport activities through its website or any preferred websites of companies and dealers.

**Devashish Paul, CEO and Founder of BlueWave-ai was excited about the signing of the MoU with DTC. "BluWave-ai is keen to implement the government's strategic objectives of offering green vehicles for a more sustainable environment," he noted. Paul also commended DTC for delivering advanced and reliable transportation services to customers and adhering to the highest international standards of security and safety.**

at achieving comprehensive environmental sustainability in terms the targeted reduction of carbon emissions from taxis and migrating to a green economy. "The results concluded from the study conducted with BluWave-ai will be crucial and will be integrated with DTC's ongoing projects and research aimed at expediting the adoption of eco-friendly vehicles and stimulating demand for their use.," explained Al Falasi. "DTC is dedicated to offering sustainable transportation solutions by employing cutting-edge technologies, strengthening business partnerships, and fostering the exchange of expertise to uplift the calibre of services that



contribute to realising DTC's vision of being a leader in providing digital and safe transportation services," he added. "BluWave-ai is devoted to accomplishing the entire deliverables of the MoU through the collaborative efforts of both parties in a teamwork spirit to reach the objectives outlined in the MoU. This collaborative study with DTC enables the utilisation of AI to minimise carbon emissions," concluded Devashish Paul

It is worth noting that DTC offers a range of distinguished services to customers and is committed to upholding the highest standards of transportation quality. It seeks to meet customer needs through continuous development and the provision of new and modern services that enhance its standing in the smart mobility industry.

# Honouring 101 RTA drivers returned precious lost & found items

Dubai's Roads and Transport (RTA) recognised 101 drivers for their honesty and exemplary conduct in handling valuable lost and found items while on duty from January 2022 to March 2023. The recognition is a tribute to the drivers' prompt action in reporting the found items to the concerned bodies enabling returning such items to their owners in record time, which added happiness and peace of mind to those involved.

The items found by the drivers included cash, jewellery, and other valuable items, which included: A black bag containing diamonds valued at AED1 million, cash amounting AED3.6 million dirhams, a plastic bag containing gold worth AED200,000, an expensive handbag and a watch valued at \$50,000, cash amount of AED183,000, a black bag with AED200,000, and an expensive watch worth of \$60,000, in addition to AED221,000 in cash.

## Decent Examples

Ahmed Bahrozian, CEO of Public Transport Agency, said, "Reports of lost and found items by drivers are a source of joy for everyone. They set excellent examples of honesty, integrity, good manners, and responsibility. Furthermore, such conduct not only reveals the true character of the individuals involved but also contributes to a positive image

of Dubai's transportation systems.

"RTA focuses on honouring upright drivers regularly to motivate and reward their honesty, high ethics and commendable handling of other people's money. As such, they depicted a great image of themselves and their occupation, which reflects positively on their performance. It elevates the standard of the taxi service in the emirate, and underscores Dubai's commitment to guests and residents in line with its reputation as the world's happiest city," he continued.

"The response of public transport users in Dubai expressed immense joy for recovering their lost items promptly, showering drivers with gratitude, appreciation, and praise for their commendable conduct. This display of good morals not only highlights the drivers' integrity but also casts a positive light on their workplace," concluded Bahrozian.



## Dubai Taxi honours Top 10 drivers in the number of trips via “DTC App”

The Dubai Taxi Corporation (DTC), a subsidiary of Dubai's Roads and Transport Authority (RTA), honoured 10 outstanding drivers who achieved the highest number of trips through the “DTC App” in 2022. This recognition is part of DTC's efforts to recognise and encourage drivers to excel in their jobs. The felicitation took place in an event attended by Abdullah Ibrahim Al Meer, Director of Digitisation and Commercial Development, DTC, along with several DTC directors, managers and staff members.

“Honouring outstanding drivers is one of several incentives introduced by DTC to foster a work environment that inspires all employees and spreads competitiveness and positivity spirit while rewarding high achievers. The recognition was made following an assessment of drivers' exceptional performance using the “DTC App”; one of the smart apps offered by DTC to customers,” said Al Meer.

“DTC always seeks to back RTA's strategy to revolutionise taxi-hailing services by progressively adopting e-booking and the smart app and intends to push its use to as much as

80% in the forthcoming years. The app enables customers to easily book taxis and limousines using advanced technologies that streamline the booking of transportation means. Customers can book a ride in just three steps: downloading the app and quick registration, selecting and booking the vehicle, and allowing the app to automatically locate and dispatch the nearest available vehicle to the customer's location,” concluded Al Meer.

### Thanks

The honoured drivers expressed their gratitude to DTC, emphasising their dedication to doubling their efforts and persistence in fulfilling their responsibilities. They acknowledged that the recognition motivates them to excel in serving customers and add to DTC's accomplishments and leading role in delivering transportation services at world-class standards through innovative, digital, and sustainable methods, which ultimately contribute to bringing happiness to people.





# Successfully concluding its 2nd Security and Safety exhibition, Fostering a Culture of Traffic and Road Safety

**Dubai's Roads and Transport Authority (RTA) has successfully wrapped up its second Security and Safety Event 2023, which took place at RTA Head Quarters, on May 9th and 10th 2023. The exhibition, which is took place for the second year in a row, attracted participants from both public and private entities, targeting RTA employees and its customers across various social segments.**

The event aimed to promote a culture of traffic and road safety among RTA employees and customers, featuring a variety of educational and awareness-raising activities, alongside numerous promotional offers related to vehicle service or bike rentals at affordable and enticing prices.

It witnessed the participation of four government agencies alongside RTA's Traffic Department and the Administrative Services Department. Dubai Police delivered lectures and workshops on search and rescue equipment for survivors of accidents and natural disasters. Dubai Civil Defence conducted

educational workshops on the correct use of fire extinguishers and fire protection methods. The Red Crescent Authority delivered awareness lectures on First Aid and distributed gifts to participants. The Dubai Electricity and Water Authority (DEWA) gave educative lectures on the environment, sustainability and the efficient use of energy and water resources.

Six private sector entities took part in the event, among them the Emirates Driving Institute, offered participants a practical demonstration of the importance of safety belts during vehicle rollover accidents. Careem and Skurtt also joined by running

## Conducting inspection campaigns to ensure riders' commitment to mass transit rules & regulations

**Dubai's Roads and Transport Authority (RTA) conducted an array of inspection operations under the theme of RASID campaign to ensure riders' commitment to mass transit rules and regulations, on Dubai Bus and intercity routes.**

The inspection campaigns targeted various areas in the emirate, including Dubai American Academy, Al Khail Gate, Al Quoz, Majlis Al Gharifa, Burj Al Arab Hotel and Al Wasl Street. Over 6 days, RTA carried out 40,000 inspections that resulted in reporting 1,193 violations. Most of them related to the use of public transport means, without paying the specified tariff or failing show nol card upon request, or using the services and facilities in a way contrary to RTA's instructions displayed on the directional signs in addition to other applicable violations. "The field teams of the Passenger Transport Activities Monitoring Department are launching year-round inspection

campaigns in several spots across Dubai to detect violations, illegal activities, and misconducts that tarnish the image of tourism of the UAE, particularly Dubai, which is recognised as a global city that had established itself as a provider of top-notch services to residents, visitors, and tourists from all over the world, thanks to the city's world-class infrastructure, security, safety, and various mobility means at world-class standards," said Saeed Al Balushi, Director of Passenger Transport Activities Monitoring at RTA's Public Transport Agency.

"The campaigns were conducted in coordination with several concerned bodies, including Dubai Police and the General

materials focusing on educating participants on traffic safety requirements when using e-scooters and bikes. Numerous other participants included Zaher Cars Services Centre, which explained to participants how to check vehicle indicators like oils, tyre condition, and brakes, as well as appropriate responses in sudden or emergencies. Michelin Tyres and Maxi-Cosi (Child Seat Training Company) also provided valuable information on their services and offered symbolic discounts on their respective products. Other entities sponsored a variety of gifts at the event, such as Almarai Company, Johnson's Baby, and Landmark Group.



Directorate of Residency and Foreigners Affairs in Dubai. They aimed at reducing fare evasion by public bus users and control unauthorised activities in this regard.

“During these campaigns, some violations were reported, and data was collected and analysed using smart inspection systems and big data. Benchmarks were conducted covering inspections and violations. The reviews monitored the positive effects of these campaigns and their role in curbing offences and misconduct. They also looked into the role of the campaigns in curbing violations and improper behaviours, which in turn contributes to an improvement in the quality of services provided.

“RTA is also keen to carry out joint campaigns with other concerned entities and hold specialised awareness workshops in schools and universities to educate students of all age groups on RTA's efforts in monitoring public transportation as well as spreading the culture of using mass transportation and ensuring compliance with the respective laws,” he added.

The Director of Passenger Transport Activities Monitoring at



RTA's Public Transport Agency urged users of both Dubai and Intercity Buse users to pay the relevant fare using nol cards. “This measure will ensure the optimal use of RTA's means of transportation, particularly buses. It will also support RTA's efforts to provide services that cater to the needs of UAE residents, especially Dubai, and visitors from all over the world,” he concluded.

# Celebrating International Workers' Day

**Dubai's Roads and Transport Authority (RTA) celebrated International Workers' Day on May 1st to honour the remarkable efforts of workers in accomplishing RTA's projects. This celebration is in line with RTA's corporate values that call for fostering a supportive and respectful environment for all employees.**

In recognition of these outstanding efforts, RTA, lauded the festivities and engaging activities marking the International Workers' Day as they enhance a positive work atmosphere, inspire employees, and motivate them to excel.

## Global Village Visit

RTA organised a recreational outing for 150 workers to the Global Village and offered them nol cards. Workers were delighted for the excursion and RTA's efforts and care for their wellbeing and happiness.

The celebration exemplifies RTA's dedication to fostering positive employee relations and boosting

productivity through engaging activities. These endeavours are a testament to RTA's values and vision of creating a sustainable, happy future for all members of the organisation.

RTA is always keen on the welfare of workers. In 2022, it inducted 6,270 employees and contractors in the Smart Safety License training programme aimed to offer participants a comprehensive understanding of work standards and the application of health, safety, and environmental practices. Additionally, the programme seeks to strengthen teamwork and cultivate a sense of responsibility towards health, safety, and environmental sustainability.

## Youth Council discussed financial management and investment methods

**The Youth Council of the Roads and Transport Authority (RTA) held a youth chat themed Financial Management and Investment Methods for the Youth. The chat, which featured the social influencer Saif Al Naqbi, explored various topics related to the two essential components of any investment, namely finance and management. It touched on the importance of financing and managing investments to generate the highest possible returns.**

The topics addressed various aspects of financial management, including financing, planning, managing, and monitoring the inflow and outflow of current funds, which are crucial for sustaining the success and growth of future investments. The discussion also emphasised setting priorities and making informed financial decisions based on empirical studies to avoid financial risks.

The chat, which was held at the RTA's headquarters and attended by scores of young men and women,

explored methods for diversifying revenues through a wide portfolio of investments. It also highlighted the exceptional opportunities that the UAE offers to the youth under the care of visionary leaders who are keen to foster a supportive environment that motivates youths to invest, take pioneering roles and excel in all fields.

## Investing in stocks

The chat also discussed how to invest in stocks, real estate and companies. It screened the methods, benefits and





risks those young entrepreneurs may be liable to. It also stressed the importance of outlining investment goals, the entities in which to invest, the amounts to be invested and many other matters that must be reviewed well before making a decision.

Discussions also touched on topics like identifying the sources of knowledge transfer, benefiting youth in their academic and practical careers, and nurturing the life and job skills of youths. It also discussed several other topics that positively impact the youth's mindset, which in turn helps develop and strengthen their skills and encourages their participation in serving the nation, as they form the cornerstone of the UAE's development strategy for the future.

## Youth Initiatives

Holding this gathering is part of RTA's Youth Council's efforts to carry out initiatives under its annual plan for tackling diverse topics appealing to the youth.



The goal is to encourage them to embark on fruitful professional careers and take over competitive jobs in the public and private sectors. The council aims to create opportunities for young entrepreneurs who can compete, foster innovation, drive development and shed light on outstanding young role models who have excelled in practical life. The event is part of numerous other youth councils that strive to foster a stimulating and supportive work environment that nurtures creativity and growth.

## Humanitarian visit uplifts morale of children at Al Jalila Hospital

The Office of the CEO of the Public Transport Agency at Dubai's Roads and Transport Authority (RTA) coordinated an array of cultural, social, and humanitarian initiatives, such as Al Majlis Initiative that have had a rich spirited value. It involved holding weekly gatherings over a month with the CEO and office staff. These gatherings shared knowledge and cherished memories where participants tested their cultural and informational backgrounds across diverse fields through a competition that served as a key motivator.



## Holding bazaar to showcase products and innovations of People of Determination

Dubai's Roads and Transport Authority (RTA) organised a bazaar showcasing a wide range of products of People of Determination including handicrafts, homegrown produce, trophies, souvenirs, small-scale confectionery, food products, and creative paintings. The bazaar was co-organised with the Rashid Centre for People of Determination.





Ahmed Bahrozian, CEO of the Public Transport Agency, commended the social ambience and spiritual upliftment that the office experienced for an entire month.

The CEO of the Public Transport Agency also lauded the collaboration and positivity exhibited by the office staff during their interactions with ill children at Al Jalila Hospital. This visit, which was coordinated

with the hospital's administration, brought joy to the children and their families. The CEO praised the team of Al Jalila Hospital for their warm reception of RTA's delegation and for briefing them on the humanitarian and social programmes enjoyed by children. Participants distributed gifts to the admitted children in various wards and divisions of the hospital.



Curated and presented by talented students of the centre, exhibits were highly praised by RTA's employees throughout the three-day event. Visitors expressed deep admiration for the exquisite handicrafts, captivating paintings, and innovative ideas brought to life by People of Determination. They maintained that products on display truly showcased the remarkable talent and diverse creativity of the People of Determination involved.

Organising the exhibition is in line with RTA's social

responsibility to support various categories of People of Determination. The aim is to empower and offer them opportunities to learn new crafts, enabling them to become productive and engaged with the community. Exhibitors expressed their gratitude for the opportunity to showcase their products, handicrafts, and household works through the exhibition, which encourages them to continue their social contributions.





# Fresh Dates

A blessed fruit that is cool in summer and warm in winter

Fresh dates are among the most delicious fruits with numerous health benefits. Their exceptional nutritional value allows them to treat a range of human diseases.

The UAE is known for growing a variety of fine fresh dates. In the UAE, it is common to find lovely date trees in every household.



Prepared by: Tamim Al-Tamimi

tameem@tameem.ae

instagram : tameemi81

## Health and Happiness

Among the most important health benefits of fresh dates confirmed by doctors, experiments, studies and scientific research are:

- **Strengthening the optic nerves and maintaining the eye health.**
- **Treating iron deficiency and preventing anaemia.**
- **Strengthening bones and teeth.**
- **Maintaining a healthy nervous system.**
- **Activating the muscles and movement of the uterus.**
- **Building muscles.**
- **Supplying energy.**
- **Protecting the onset of cancer.**



**Al Barhi:** A distinguished fresh date that ripens at the end of the summer, and people rush to buy them.

## The most popular type of fresh dates in the UAE

As a result of the popularity of dates in the UAE, people have become adept at cultivating a variety of fresh date types, with distinct attributes.

Among the most popular types of fresh dates in the UAE:



**Al Neghal:** One of the most popular types of fresh dates in the UAE that ripens early. Perhaps the first type of fresh dates to mature.



**Al Khenazi:** If you are looking for good taste, distinctive colour, and attractive shape, you should choose Al Khunaizi fresh dates.



**Al Sukkary:** It is characterised by a golden colour and sweet taste.



**Al Khalas:** One of the finest and most demanded fresh dates in the UAE known for its delicious sweet taste.

## Other Types

There are other types of fresh dates, including Al Fard, Al Lulu, Al Hilali, Abu Ma'an, Al Khashkar, Al Salani, Al Baql, Al Khasab, Al Jabri, Al Muzaini, Al Yardi, Nabta Seif, Al Raziz, Al Makhladi, Al Zamili, Al Dabbas, and Al Shahl.

## Growth Stages

Dates vary not just in size, colour, and flavour, but also in the many nutrients contained because of their ripening stage and type.

The three growth stages of dates encompass the Al Balah or Al Bisir stage, fresh date stage, and dry date stage, each bearing distinct nutritional traits in the fruit.

Al Balah or Al Bisir is high in fibre and tannins while the content of most of its types of sugars at this stage is considered low compared to fresh and dry dates stages. Dates become Balah or Al Bisir in the first stages of maturity, and this stage does not last long.

In the fresh dates stage, the date, true to their name, boasts a rich softness and a notable sugar content, making them suitable for consumption during hot and moderate climates.

In the dry date stage, or full fruit ripening, softness reduces and sugar elevates. Hence, dates in this stage, due to their high caloric value, are suitable for consumption in cold rather than hot climates.

**The fresh date is better for patients with heart, arteries and high blood pressure because it contains a suitable nutritional composition for them with a lack of sodium.**



## Difference between Fresh Dates and Dry Dates

The Fresh date refers to the fresh fruit, whereas dates signify the fully ripe, dry fruit or one completely preserved by known preservation methods.

Each type has its benefits, uses, and time. Fresh dates are better in terms of containing nutrients, as dates lose some nutrients with storage and processing methods, while dates contain a much higher percentage of carbohydrates and fibres, so it is suitable for those who need more calories or more energy.

And Fresh dates are lower in calories than dates, for instance, 100 grams of dates contain 284 calories, while fresh date contains 124 calories. The ration of fresh dates contains 2.8 gm of protein, 1 gm of oils, and 37 gm of carbohydrates, while the dates contain 1.8 gm of protein, 0.6 oils, 76 gm of carbohydrates, and 5 gm of fibre, and these fibres help a lot in digestion, control blood sugar, and reduce low-density cholesterol.

As well as in terms of micronutrients, dates contain a higher proportion of 84 mg of calcium and 8 mg of iron per unit compared to fresh dates which contain 34 mg of calcium and 6 mg of iron, but fresh dates contain vitamin C which is not completely found in dates, as it is lost due to preservation operations.

# Edinburgh's three bridges were built in three different centuries

The notable bridge among them is the Forth Bridge

The Edinburgh Bridges, spanning the Forth River delta in Scotland, serve as significant tourist and archaeological sites in the United Kingdom. They extend between the southern Queensferry and northern Queensferry regions.

## The Forth Bridge of the 19th Century

The Forth Bridge, the oldest of Edinburgh's three bridges, was designed for rail transportation and lies approximately 14 kilometres to the west of central Edinburgh.

Since its opening in 1890, the bridge has been

regarded as an architectural masterpiece and a symbol of Scotland. In 2016, it was voted the greatest man-made wonder in the country and it is classified as a Category A listed building in the UK. UNESCO has also inscribed it as a World Heritage Site since 2015.



## Queensferry Crossing of the 21st Century

Queensferry Crossing is Edinburgh's newest bridge and is a cable-stayed vehicular bridge.

The Crossing, which opened in 2017 at a total cost

of £1.35 billion, became the third bridge to span the Firth of Forth, joining the Forth Road Bridge and the Forth Bridge.



## Forth Road Bridge of the 20th Century

Edinburgh's second bridge, the Forth Road Bridge, is a suspension bridge designed for vehicles, pedestrians, and bikes. When opened in 1964, the bridge held the distinction of being the world's longest suspension bridge outside the USA.

Today, it ranks 34th in the world, based on the length of the sea.

The bridge replaced the ferry service that had operated for centuries to carry vehicles, cyclists and pedestrians across the Firth of Forth.

In February 2008, The Scottish Parliament voted to abolish the bridge tolls.

As the bridge nears the end of its functional lifespan for carrying diverse vehicles, a parallel bridge was built to it, which is the new Queensferry crossing.

On September 5, 2017, the bridge served its final private cars, as the majority of traffic transitioned to the new Queensferry Crossing. The Forth Road Bridge was then repurposed for public transport, catering to buses, taxis, cyclists, and pedestrians.



# هاتفك بئر أسرارك.. فلا تدع أحدا يفوص فيه خلسة..

الهواتف النقالة مليئة بالخدمات والتقنيات التي لا يعرفها كثير من الناس وبعضها قد يكون على مستوى عال من الأهمية وربما الخطورة والحساسية، خاصة ما يرتبط منها بالاختراق وسرقة المعلومات أو الاطلاع عليها. نستعرض في هذا التحقيق ما يعرفه الناس من أسرار هذه الخدمات التي تجعل الهاتف الشخصي أكثر فائدة وذكاء دون اللجوء إلى أية تطبيقات خارج الهاتف ربما تكون مخترقة، إضافة إلى التجارب الشخصية والخبرات والنصائح والاقتراحات.

**اجعل هاتف الشخصي أكثر فائدة وذكاء  
تجنب استخدام الأنظمة غير الآمنة ولو  
كانت مفيدة ظاهرياً**



## صمامات الأمان

البداية كانت مع محمد مازن البني الذي دعا إلى:

- عدم الضغط على روابط غير آمنة أو غير معروفة.
- عدم استخدام أنظمة غير آمنة مثل: (ROOT)، التي تفك التحكم بالجهاز من أجل تحميل برامج غير أصلية أو من غير المتجر الرئيس مثل آبل وغيره.
- التحديث المستمر لنظام الهاتف بما يعزز متطلبات الأمان.
- استخدام برنامج حماية الهاتف الذي يمنع الوصول إلى المعلومات ومن هذه البرامج: (PrivateVPN)، واستخدام برامج الحماية من الفيروسات مثل: (Norton).
- تنويع الرموز السرية بصمة الوجه + بصمة الإصبع + الرمز السري بأربع أو 6 أرقام.
- استخدام الشاشة الإضافية الحافظة للشاشة الأصلية التي تمنع اطلاع الآخرين بالجوار على ما عملياتنا في الهاتف.
- عدم مشاركة الآخرين بالرموز السرية، وعدم ترك الهاتف في أماكن عامة أو على الطاولة مثلاً لقضاء حاجة والعودة إلى الطاولة.
- إغلاق مفاتيح الأمان في الهاتف، وعلى سبيل المثال خدمة المشاركة بالموقع أو أيقونة تتبع الموقع، وعند استخدام تطبيقات متنوعة للتواصل الاجتماعي أيضاً إغلاق الأيقونات المتعلقة بالمعلومات الخاصة.

## الصندوق الأسود

وقال سيد رمضان الجبالي: أصبحت هواتفنا الذكية مليئة بما يمكن أن يعرفه عنا الكثيرون فيمكن اعتبارها الصندوق الأسود لصاحبها، لأنه يحتوي على أغلب الأسرار الخاصة سواء كانت صوراً أو أرقام هواتف لشخصيات هامة أو معلومات شخصية وكلمات المرور الخاصة بالحسابات على المواقع الشخصية أو البنكية وغيرها. وأضاف: لهذا يوجد العديد من العلامات التي تدل على أن هاتفك مراقب منها الإحساس بوجود تشويش فعند إجراء المكالمات تسمع تشويشاً على هيئة صدى صوت أو نقر أو أصوات بشرية أو تصفير، فهذا يعني أن أحداً يستمع إلى مكالماتك كما يعد نفاذ طاقة البطارية سريعاً دليلاً على وجود برنامج خفي ثبته «هاكرز» للتجسس، ومن ذلك أيضاً إضاءة الموبايل بشكل مفاجئ دون لمس أو سماع ضوضاء غير مفهومة من سماعة الهاتف، وكذلك إغلاق الموبايل نفسه بنفسه. وحول الحلول التي يقترحها لتجنب هذه الاختراقات قال: يوجد الكثير من الكودات التي يمكن للمستخدم تفعيلها لحماية هاتفه من أعمال التجسس أو تهكيره، فتكنولوجيا الموبايل مليئة بعالم من الأسرار، وموبايلك صندوق أسود فلا تدع أحداً يفوص فيه خلسة أو تتركه للاستخدام من أفراد آخرين، واتخذ قراراتك في الهاتف بنفسك، ولا تدع غيرك يقرر عنك.

## الاستعداد للأسوأ

من جانبها قالت منال قرانوح: لتفادي الحجم الكبير من ذاكرة الهاتف يجب حذف جميع التطبيقات المهمة التي لا نستخدمها، ليس من الشاشة الرئيسية فقط بل من الدعايدات وإلغاء التطبيقات ثم الملفات وحذف لواح هذه التطبيقات، إضافة إلى عدم استخدام أنظمة خرق البرامج للحصول عليها بشكل مجاني مثال (Jailbreak)، وعدم شراء أو تثبيت تطبيقات أو برامج على الهاتف من خارج المتجر الرسمي لنوع الهاتف مثال: (Apple store)، أو (Google Play)، والتأكد من التحديث الدائم للأنظمة الهاتف حيث تعالج عملية التحديث أية أخطاء سابقة.

كما أوصت منال قرانوح بعدم التواصل مع أشخاص غرباء عبر منصات التواصل أو واتساب، والحذر من الرسائل الغريبة أو الرسائل الترويجية، وتجنب الشبكات اللاسلكية العامة المفتوحة كالمراكز والمقاهي أو المطارات، وعدم استخدام الحسابات المالية من خلال البريد الإلكتروني، بل الانتقال إلى الموقع الرسمي للمؤسسة المالية أو البنك وتسجيل الاستخدام من خلال اسم المستخدم والرمز المروري. كما دعت منال إلى التسجيل بالهوية الرقمية في الإمارات بدل التسجيل باسم مستخدم ورمز مروري لفتح جميع التطبيقات الحكومية، والتأكد من تشغيل خاصية (Find my device/Find my iPhone)، في حال سرقة الهاتف للحصول على موقعه، واستخدام التطبيقات الخاصة بفحص الفيروسات مثال: (Avast)، و(Panda)، و(McAfee). وحثت منال على الاستعداد للأسوأ وعمل نسخة احتياطية لبيانات هاتفك الذكي، والابتعاد عن الشواحن العامة المتوفرة في الأماكن العامة مثل المطارات والمقاهي.



## تجنبوا المطاردة

أما شبيخة حسين آل علي، فقد نصحت كل أصحاب الهواتف الذكية، بالدخول إلى الإعدادات، وإلغاء خاصية التتبع، التي هي خاصية ملاحقة ومطاردة مفتوحة بشكل دائم، مشيرة إلى أن هذه الخاصية تكون مهمة في رحلات السفاري والمغامرات، لمعرفة موقع حامل الهاتف، في حال ضياعه، أو تعرضه لعوائق تحول دون قدرته على طلب المساعدة، فتساعد على تحديد موقعه، لتقديم الدعم السريع له، ولكن الخاصية أداة تجسس، في الوضع الطبيعي، لأنها تكشف مكان حامل الهاتف، في كل وقت لمن يستطيع استخدام الخاصية، وربما يسبب له ذلك بعد المشكلات.

## العديد من الخدمات والتقنيات

وقال أحمد الحمادي: الهواتف النقالة تحتوي على العديد من الخدمات والتقنيات التي لا يعرفها الكثيرون، ومن بين هذه الخدمات والتقنيات: الاستشعارات: يحتوي الهاتف الذكي على مجموعة من الاستشعارات مثل الحساسات الجيروسكوبية والمغناطيسية والتسارع، التي تساعد على تحديد موقع الهاتف وتتبع حركاته وتوجيه الشاشة والتحكم في الألعاب والتطبيقات بالحركات. الذكاء الاصطناعي: تستخدم بعض التطبيقات والخدمات الذكاء الاصطناعي لتحسين الأداء والمرونة، وذلك من خلال تحليل البيانات المتاحة على الهاتف وتحديد النماذج السلوكية للمستخدم. الدفع الإلكتروني: يمكن لمستخدمي الهواتف النقالة استخدام خدمات الدفع الإلكتروني لإجراء المعاملات المالية الآمنة والفورية، وذلك باستخدام تطبيقات البنوك والمحافظ الإلكترونية وتطبيقات الدفع الإلكتروني الأخرى. التعرف إلى الوجه والبصمة: يمكن لبعض الهواتف النقالة التعرف إلى الوجه والبصمة، وذلك لتسهيل عملية الدخول إلى الهاتف وفتح التطبيقات والحفاظ على الأمان الشخصي.







الواقع المعزز: يستخدم التطبيقات التي تستند إلى الواقع المعزز تقنية مزج العالم الحقيقي مع المعلومات الرقمية لتحسين خدمة المستخدم وتوفير خدمات مثل التعليم والترفيه والتسوق والسياحة وأضاف: يوجد العديد من الميزات المميزة للتعامل مع الصور في آيفون، ومنها:

- مكتبة الصور: يحتوي الآيفون على مكتبة صور مدمجة تمكن المستخدم من تنظيم صورته بطريقة سهلة ومرتبطة.
- الكاميرا: كاميرا آيفون واحدة من أفضل الكاميرات في الهواتف الذكية حيث تأتي بمستشعرات عالية الجودة وتدعم تقنيات مثل التثبيت البصري والتقاط الصور في ظروف الإضاءة المنخفضة.
- تحرير الصور: يوفر آيفون تطبيق Photos الذي يسمح للمستخدم بتحرير صورته بطريقة سهلة وسريعة، حيث يمكن تطبيق مرشحات وتعديل الإضاءة وتغيير حجم الصورة.
- مشاركة الصور: يمكن للمستخدمين المشاركة بصورهم بسهولة عن طريق تطبيقات البريد الإلكتروني والرسائل النصية ومواقع التواصل الاجتماعي.
- تخزين الصور: يكون تخزين الصور على iCloud مما يتيح للمستخدم حفظ صورته بطريقة آمنة والمشاركة بها بين أجهزة Apple المختلفة.
- 6- تقنية معرفة الوجوه: يستخدم آيفون تقنية معرفة الوجوه لتسهيل تنظيم الصور وتسمية الأشخاص في الصور بطريقة تلقائية.
- تقنية معرفة المشاهد: يستخدم آيفون تقنية معرفة المشاهد لتحديد نوع المشهد المصور وتعديل الإعدادات بشكل تلقائي للحصول على أفضل صورة ممكنة.

وأشار الحمادي إلى أن تخزين مواقع الصور في الآيفون يكون تلقائياً بما يعرف بتقنية «التعرف إلى المكان» أو «Geotagging»، حيث تحتوي هواتف آيفون على مستشعر GPS المدمج الذي يحدد موقع الهاتف الحالي، ويستخدم هذا الموقع لتحديد موقع الصورة أثناء التقاط الصورة، وعندما تلتقط صورة باستخدام الكاميرا في الآيفون، يكون تضمين معلومات الموقع الجغرافي للصورة تلقائياً في بيانات الصورة، ويمكن للمستخدم الوصول إلى هذه المعلومات بسهولة من خلال تطبيق الصور في الآيفون، فعند فتح صورة، يمكن للمستخدم الضغط على زر المعلومات في أسفل الشاشة لعرض معلومات الصورة، وتشمل هذه المعلومات بيانات الموقع الجغرافي، ويمكن للمستخدمين أيضاً تعطيل تقنية التعرف إلى المكان للصور في إعدادات الهاتف إذا كانوا يرغبون في عدم تضمين معلومات الموقع الجغرافي في صورهم.

وأضاف أحمد الحمادي: في سياق الآيفون، فإن الوبديت هو تطبيق صغير وتفاعلي يعرض معلومات أو يؤدي مهمة محددة مباشرة من شاشة الصفحة الرئيسية، وتتوفر خاصية الوبديت على نظام التشغيل iOS 14 والإصدارات الأحدث، وبأي الوبديت بأحجام وأشكال مختلفة ويمكن تخصيصه لعرض المعلومات التي تحتاج إليها، فعلى سبيل المثال، يمكنك الحصول على ويبديت الطقس الذي يعرض درجة الحرارة الحالية والظروف، أو ويبديت التقويم الذي يعرض المواعيد القادمة، أو ويبديت الموسيقى الذي يتيح لك التحكم في التشغيل دون فتح تطبيق الموسيقى.



وقال: لإضافة ويدجيت إلى شاشة الصفحة الرئيسية الخاصة بجهاز الآيفون:

اسحب إلى اليمين على شاشة الصفحة الرئيسية للوصول إلى العرض اليومي. اضغط واستمر بالضغط على مساحة فارغة على الشاشة حتى تبدأ التطبيقات في الاهتزاز.

اضغط على زر «+» في الزاوية اليسرى العليا للوصول إلى معرض الويدجيت. اختر الويدجيت الذي تريد إضافته وحدد الحجم. خصص إعدادات الويدجيت.

اضغط على «إضافة ويدجيت» لإضافته إلى شاشة الصفحة الرئيسية الخاصة بك.

وأضاف: بمجرد إضافته، يمكنك نقل الويدجيت عن طريق الضغط والاستمرار في الضغط عليه ثم سحبه إلى الموقع المطلوب على الشاشة.

### مزايا مخفية

وقالت شيما محمد: هل تعلم أن هاتفك الذي تمتلكه بين يديك، مليء بالميزات المخفية، والأسرار التي قد تمضي سنوات في استخدامك لهاتفك الأندرويد وأنت لا تعرف عنها أي شيء، ولم تستمتع بها وتستخدمها من قبل.

وأضافت: هواتف الأندرويد بكل أنواعها تحتوي على كنز من المميزات والخيارات المخفية التي لا نعرف عنها الكثير ومنها:

- الحماية ومنع الإعلانات المزجة ومنع التتبع والتصيد.
- الحماية ومنع الإعلانات المزجة ومنع التتبع والتصيد + حظر مواقع البالغين + البحث الآمن.
- ميزة «معاينة الصفحة» في جوجل كروم.
- ميزة التنقل والتبديل بين علامات التبويب المفتوحة في جوجل كروم.
- عدسة جوجل.
- مساعد جوجل، وهي ميزة البحث عن كل شيء في زر الصفحة الرئيسية في الهاتف.
- ميزة التبديل بين التطبيقات المفتوحة بضغطتين المتوفرة في زر التبديل بين التطبيقات المفتوحة.



### العثور على الهاتف المفقود

ودعت مريم محمد إلى تعلم طرق البحث عن الهاتف المفقود، وقالت: تفقد هاتفك المحمول، ويتعذر عليك العثور عليه، ومن الممكن أن تفقد هاتفك المحمول بسبب السرقة، وهذه كارثة كبيرة لأن هاتفك وبما فيه من بيانات من فيديوهات وصور وملفات وبيانات شخصية مع شخص آخر غريب قد لا يحسن التصرف به.

وأضافت: وكى تستطيع العثور على هاتفك المفقود يجب عليك إتباع بعض الإرشادات ومنها:

يجب عليك إضافة بعض البيانات الصحيحة في حسابك في جوجل، في هاتفك أو الذي سجلت به من هاتفك الأندرويد، بغرض استخدام متجر التطبيقات جوجل بلاي، وهذه البيانات مثل البريد الإلكتروني أو الجيميل وكلمة السر الخاصة بالحساب تستطيع استخدامها وتتبع هاتفك من خلالها، وهذه البيانات تكون مُحفوظا بها، حتى تكون وسيلة قوية في استعادة هاتفك المفقود أو المسروق منك.

وعند فقدان هاتفك تستخدم هذه البيانات وتسجل الدخول من هاتف آخر أو من جهاز كمبيوتر وهذا يكون أفضل وأقوى في استرجاع هاتفك المفقود من أي مكان في العالم، وهنا يُتيح لك حسابك في جوجل التحكم الكامل في هاتفك وتتبعه، وتحديد موقع الهاتف، وحذف ومحو البيانات في حالة أردت ذلك، كما يُمكنك قفل الهاتف تماماً أو قفل الهاتف برقم سري أو كود سري، وكلمة مرور قوية، جداً تستطيع استخدامها وتكون من اختيارك أنت ولا يطلع أحد عليها.