

المسار almasar

The Official Monthly Magazine of Dubai's RTA
Issue No. 124 October 2018

First new Dubai Metro train arrives this November



Vision Mission

Vision

Safe and Smooth Transport for All

Mission

Develop and Manage integrated and sustainable Roads and transportation systems at a world-class level, and provide pioneered services to all.

Stakeholders for their happiness, and support Dubai's vision through Shaping the future, preparing policies and legislations, adopting.

Technologies and innovations, and implementing world-class practices and Standards.



H.E. Mattar Al Tayer
Director General and Chairman of
the Board of Executive Directors

Successive achievements

Described as Project of the Century and UAE's Pride by HH Sheikh Mohammed bin Rashid Al Maktoum, Vice-President and Prime Minister of the UAE and Ruler of Dubai, the Dubai Metro is still on the track of relentless achievements.

Having broken the barrier of 1.2 billion riders since launched on 9/9/2009, the Dubai Metro is posting high success indicators in the operational efficiency, security and safety levels. A recent study concluded that the cumulative returns of the Metro are set to hit four times its cost by 2030.

The study, which has been commissioned by the renowned Reading University in the UK, indicated that the accumulated benefits of the Dubai Metro from 2009 to 2019 amounted to AED66 billion, which compares favourably with the capital and operational costs of the Metro amounting to AED41 billion. The Study went further to conclude that the accumulated benefits of the Metro were set to reach AED234 billion by 2030 against capital and operational costs of about AED54 billion.

These indicators and others demonstrate that the investment in the infrastructure is the key driver of development in any city worldwide. They also reveal that the improvement of the transportation sector contributes to the economic and environmental sustainability through improved living as well as the social sustainability through equitable transport benefits shared by community members.

RTA is determined to realize the ambitions of our leaders through constructing roads and transportation projects that keep pace with the phenomenal growth seen by Dubai and meet the needs of hosting Expo 2020.

Construction works in roads leading to the site of Expo Project are progressing well and set for completion before the end of 2019. Route 2020 is nearing a project milestone of the arrival of the first of the new trains in Dubai this November. The step follows the completion of the test-run of trains on a test track at the manufacturing facilities of Alstom in Poland. Tests focused on the safety systems, electric propulsion, braking system, emergency stop and doors operation of the metro carriages.

The new trains feature a host of improvements in the interiors of carriages with the aim of increasing the capacity of trains and providing more comfort to riders. The exterior of trains was left unchanged to maintain the design identity of the Dubai Metro with its familiar colours to the public.

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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

RTA exhibits mass transit projects at InnoTrans 2018 First new Dubai Metro train arrives this November

3000 firms participating from 61 countries and

The German capital, Berlin, has seen the launch of the 12th edition of International Trade Fair for Transport Technology (InnoTrans 2018). The event is held from 18-21 September, with the participation of 3000 entities from 61 countries with about 200 innovations exhibited in five key segments: Rail Technology, Rail Infrastructure, Public Transport, Interiors and Tunnel Construction.

Dubai's Roads and Transport Authority (RTA) has exhibited key projects & initiatives including the Route 2020, Enterprise Command & Control Center (EC3), Dubai International Project Management Forum (DIPMF), Hamdan bin Mohammed Award for Innovation in Project Management, Dubai World Challenge for Self-Driving Transport (Oct 2019), 3D Printing and the Hyperloop. Director General and Chairman of the Board of Executive Di-

rectors of the RTA HE Mattar Al Tayer headed RTA's delegation at the opening ceremony of the exhibition and conference held under the patronage of HE Andreas Scheuer, Federal Minister of the German Transport and Digital Infrastructure. Attendees included Her Excellency Violeta Bulc, EU Transport Commissioner; and HE Ali Al Ahmed, UAE Ambassador to Germany in addition to several global transport officials. RTA's delegation





also included Board Member Mohammed Obaid Al Mulla, CEO of Rail Agency Abdul Mohsen Ibrahim Younes and several officials from Rail Agency and other departments.

Al Tayer and the delegation attended the opening session of the Conference in the presence of heads of operators and manufacturers of rail systems across the world. Dr. Christian Goke, Chief Executive Officer of Messe Berlin GmbH, delivered the welcome note. HE Andreas Scheuer delivered a speech focusing on Multi Mobility and the importance of introducing uniform mobility legislation.

Her Excellency Violeta Bulc's speech highlighted Digitization in Mobility, Green & Sustainable Transport, and investment in innovative solutions for the 'first and last mile'. She stressed that the future of mobility being clean, silent, efficient and above all customer sufficient.

A discussion panel about mobility, innovation and sustainable transport focused on key solutions and innovations of multi mobility. Topics discussed included digitization of rail infrastructure and innovation in increased rail capacity without increasing areas for infrastructure construction. The event witnessed announcements of top rail projects currently underway all over the globe.

Tour

Al Tayer toured the exhibition that highlighted top solutions & innovations of multi mobility, digitization of rail infrastructure and capacity and customers' services. RTA's delegation was ac-

quainted with the latest developments of rail management & operation, and the use of 3D printing in rail and spare parts manufacturing.

Al Tayer inspected RTA's stand, which focuses on key public transport projects and initiatives. The array of exhibits include Route 2020 of the Dubai Metro Red Line extension by 15 km to the Expo 2020 site, and the 'Enterprise Command And Control Centre' (EC3) one of the biggest and most sophisticated transport control centres in the world. The centre uses cutting-edge technologies in controlling and integrating multi-mode transit means, coordinates with other control centres in the Emirate and meets the needs of hosting Expo 2020.

RTA's stand also promotes the Dubai International Project Management Forum (8-11 Dec 2018) under the theme 'Building Nations,' Hamdan bin Mohammed Award for Innovation in Project Management and Dubai World Challenge for Self-Driving Transport (Oct 2019) which carries prize money of US\$5m. RTA's initiatives on display also include 3D Printing and the Hyperloop technologies.

Rail Leaders' Summit

Al Tayer and the delegation attended the Rail Leaders' Summit (The future of cities is rail) in the presence of leaders of top eight operators of rail systems worldwide. The summit discussed the trends of global cities in the smart integration of rail in public transport.



Meetings

On the sidelines of the Conference, Al Tayer held a series of meetings with top leaders including the British Secretary of State for Transport HE Chris Grayling. The meeting discussed the cooperation between Serco (Dubai Metro operator) and RTA, and metro future expansion plans including the Green Line.

Al Tayer also met Michael Peter, CEO of Siemens Transport, and discussed Dubai's integrated mobility platform, smart apps for serving customers, 3D printing, and RTA's future rail projects. Al Tayer and the delegation reviewed the latest driverless trains manufactured by Siemens.



Al Tayer also held a meeting with HE Millard Crawford, Deputy CEO of Land Transport Systems, Thales. The meeting reviewed the latest products and services launched by the company such as fibre-optic solutions, mainline traffic management system, new digital platform apps (Eclipse & Naia) and the new Gen of Seltrac G7.

Keeping Pace

Al Tayer stated that RTA's participation in InnoTrans 2018 was part of its endeavors to keep pace with the fast changes of the rail industry and familiarize with the latest international best practices of public transport construction, operation and maintenance. "We are always keen on tracking the latest trends of metro safety & security procedures and quality passenger services. The exhibition is a good opportunity to meet with manufacturers of rail and transport systems, and gain exposure to international experience in the field of rail and public transport," said Al Tayer.

"The conference has become an iconic international rail event offering highlights of rail infrastructure and carriage interiors. As RTA serves a broad spectrum of the community, it is keen on delivering world-class services in line with the development upswing witnessed by Dubai across the board," concluded Al Tayer.

The Director-General and Chairman of the Board of Executive Directors of Dubai's Roads and Transport Authority (RTA) HE Mattar Al Tayer announced that the first of the new Dubai



Metro trains would arrive in Dubai in November, and the last one would arrive by the end of October 2019. Al Tayer made this announcement after attending the technical test run of the first train on a 500m test track at Alstom Company's factory in Poland. The new metro carriages manufacturing progress had reached 10% at the facility.

The train rolled over the test track at varying speeds, and multiple tests were carried out on the safety systems, electric propulsion, braking system, emergency stops and the train doors operating systems.

Attendees besides Al Tayer, included Abdul Mohsen Ibrahim

Younes, CEO of Rail Agency, Abdul Rida Abu Al Hassan, Executive Director of Rail Planning and Projects in addition to directors & engineers from RTA and Alstom.

Al Tayer inspected the interiors of the new rail carriages, which are being manufactured under a contract for the supply of 50 trains, 15 of which will be deployed to serve Expo 2020 and 35 will be used to enhance Dubai Metro service.

Al Tayer checked the additions and improvements introduced to the interior design of the metro carriages such as dedicating the last carriage for women and children and leaving part of the first carriage for the Gold Class. Other





carriages will be of Silver Class. Seats will be transversal in the Gold Class, and longitudinal in the Silver Class as well as women & children's carriage. The improved design will increase the intake of trains by 8% from 643 riders to 696 riders. The exterior design of trains will remain unchanged to maintain the design identity of Dubai Metro and its familiar colours to the public," said Al Tayer.

Additions include revamping the designs, without affect-

ing the identity of handles, lighting, and locations of digital signage (VBSD). They also include an illuminated dynamic map for the metro route & stations, using LED power-saving lighting system, and modifying the design of the luggage compartment to make it usable by standing commuters. Improvements also cover the shape and number of handles, the use of modern digital display systems, distributing seats at the two sides of the train and increasing the gangway con-





necting between carriages. The new carriages are customised to be used by People of Determination and the smooth boarding and alighting of riders.

Al Tayer described the technical test run of trains as a milestone in the construction of Route 2020 Project, which involves the extension of the Dubai Metro Red Line 15 km from Nakheel Harbour & Tower Station to the site of Expo 2020.

During the technical trial run, tests were conducted to ensure

the readiness of the train along with the functioning and performance of all control systems under all conditions. Tests will continue until the shipment of the train to ensure the reliability of results. Tests will cover a wide range of issues such as the air-conditioning system, electrical feed & braking system, coupling of coaches, disconnecting of power supply, rail monitoring & control system, and operational tests of the train under normal and emergency conditions,” elaborated Al Tayer.



Al Tayer and Al Marri launch Traffic Incidents Management Unit vehicles on Sh MBZ Rd

HE Mattar Al Tayer, Director-General and Chairman of the Board of Executive Directors of Roads and Transport Authority (RTA) and Major General Abdullah Khalifa, Commander-in-Chief of Dubai Police General HQ, launched the Traffic Incidents Management Unit vehicle. The Unit's vehicles will be deployed on a 70 km stretch of the Sheikh Mohammed bin Zayed Road on a trial base for one year.

The launch of the Traffic Incidents Management Unit reflects the solid relationships between RTA and Dubai Police and their concerted traffic safety strategy, which is aligned with Dubai's strategy and traffic safety plans. The ultimate objective of this move is to make Dubai a safe and stable city that cares for the protection of lives and properties.

Al Tayer and Al Marri inspected one of the Unit's vehicles that was fitted with advanced technologies such as interactive screens, communication devices among others. These vehicles will be stationed at five sites on the Sheikh Mohammed bin Zayed Road. Each vehicle will cover about 13 km to ensure

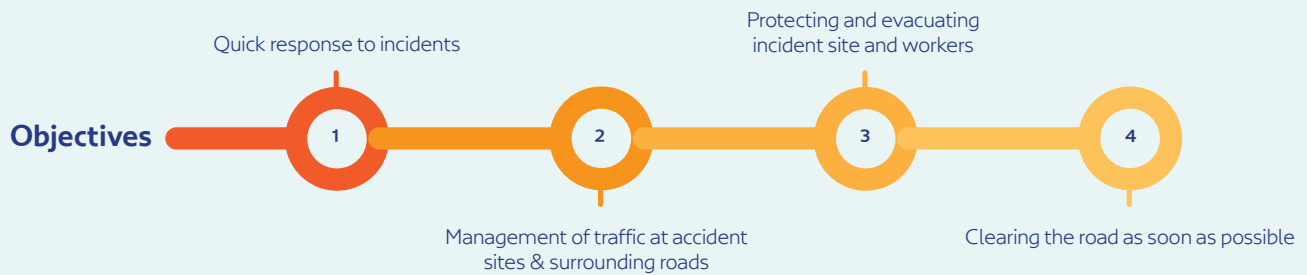
speedy access to accident scenes in no more than 10 minutes.

The Unit will cater to vehicles breakdown, rapid intervention at site and surrounding roads, and the handling of minor accidents that do not warrant the presence of the police. It will also remove vehicles involved in traffic accidents and restore traffic movement back to normal plus assessing damage inflicted to the infrastructure and file relevant reports. It will also carry out detours at site or surrounding roads, assist road users, lend assistance to the police at site, protect parked vehicles and provide traffic support during events.

HE Al Tayer said, "The Traffic Incidents Management scheme



Traffic Incidents Management



Traffic Incidents Unit



culminates the strategic relationship and coordination between RTA and Dubai Police. It aims to ensure rapid clearance of vehicles involved in minor incidents or experiencing breakdown on roads besides alleviating snarls and streamlining traffic flow at site.

“The scheme will cut short the time taken to remove affected vehicles and fend off potential secondary accidents triggered by the sudden traffic build up. The SMZ Rd was selected as it is a high traffic density area, especially in peak times, and has a high rate of minor traffic incidents and vehicles breakdown,” added Al Tayer. Major General Al Marri hailed the strategic partnership between Dubai Police and RTA and their coordination in streamlining traffic enforcement measures in the interest of citizens and residents of Dubai. He described the operation of the Traffic Incidents Units as a tribute to the strategic partnership between the two parties aimed at establishing and integrated system that supports the vision of Dubai.

“Dubai Police will investigate serious accidents, injuries, and traffic offences. It will also provide judicial support to the Unit, monitor traffic cameras and handle rescue operations among others.”

“RTA will provide technical support to the Traffic Incidents Management Unit, and look after traffic diversions, light signals timings, virtual messaging signs, and tactical traffic signs. It will also monitor the traffic movement as well as response plans, in addition to cameras at site and preparing the infrastructure for the trial site,” explained Al Marri.

Comprehensive studies about the management of traffic accidents in Dubai show that about 250 thousand vehicles experience breakdown on roads each year, and about 200 minor traffic accidents occur in the Dubai annually. Studies also reveal that the Traffic Incidents Management scheme will reduce accidents clearance rate by 35%, slash congestions and associated costs by 25% and curb the potentials of secondary accidents.

Attendees of the launch of the Traffic Incidents Unit vehicle included Brigadier Dr Mohammed Nasir Al Razooqi, Director of Transport and Rescue and Brigadier Saif Muhair Al Mazroui, Director of Traffic at the Dubai Police. From RTA also attended Eng. Maitha bin Adai, CEO of Traffic and Roads Agency, Husain Al Banna, Executive Director of Traffic, and other directors.

RTA opens Phase 1 of 7th Interchange, and Al Yalayes and Al Asayel Road Projects

Dubai's Roads and Transport Authority (RTA) opened on Saturday 15 September, the 1st phase of the 7th Interchange Improvement Project as well as Al Yalayes and Al Asayel Roads Improvement Project. The two projects will enhance the link between Sheikh Zayed Road (SZR) and both Sheikh Mohammed bin Zayed Road and Emirates Road. They will ease the traffic flow on the SZR by diverting part of the traffic to Al Yalayes Road and on to the parallel roads such as Al Asayel Rd, Al Khail Rd, Sheikh Mohammed bin Zayed Rd and Emirates Rd. It will also boost the movement of goods from and to Jebel Ali Port, and provide additional entry/exit points for community developments in the area such as Al Furjan, Discovery Gardens and Jebel Ali Development Project.

“The projects have been undertaken in implementation of the directives of HH Sheikh Mohammed bin Rashid Al Maktoum, Vice-President and Prime Minister of the UAE and Ruler of Dubai to keep pace with the upswing seen by Dubai, meet the rapid urbanisation of the Emirate and bring happiness to people.

“The Projects will step up the capacity of Al Yalayes Road to almost 20 thousand vehicles per hour in both directions. They will also cut short the transit time between the 7th Interchange on the SZR and the Sheikh Mohammed bin Zayed Road to as low as 4 minutes,” he continued.

7th Interchange

“Constructing the 7th Interchange of the SZR Project comprises two phases. Phase I covers improvement of traffic flow from and to SZR and Al Yalayes Road eastward, which opened 15th September. Phase II covers improvement of traffic flow from SZR to Dubal Street in both directions; and will open in the last quarter of this year,” stated Al Tayer.

Works of the 7th Interchange on Al Yalayes Road Improvement project include the construction of a bridge of four lanes branching out of Al Yalayes Road into two bridges of two lanes, each



with a capacity of 3000 vehicles per hour. The first bridge is bound to Jebel Ali, and the other to Dubal Street and Jebel Ali Port. Works also include improving the right-side turn movement (from SZR to Al Yalayas Rd) to make three lanes stretching out of the SZR to Al Yalayas Road eastward; which will increase the road capacity to 3600 vehicles per hour, and two lanes from Al Yalayas Rd to the SZR in the direction of Dubai.

“It also includes the construction of two lanes in the direction from SZR to Dubal Street, and one lane from Dubal Street in

the direction of Jebel Ali. The project also includes improving the traffic signals at Gate No. 1 and 2 of Jebel Ali Port, and the construction of another bridge of two lanes to serve the traffic inbound from Dubal Street at Jebel Ali Free Zone & Port crossing over the SZR in the direction of Al Yalayas Road eastward,” explained Al Tayer.

Al Yalayas and Al Asayel Roads

“As part of the Parallel Roads Project, Al Yalayas Road will be



The two projects will enhance the link between SZR, Sheikh Mohammed bin Zayed Rd and Emirates Rd

The capacity of Al Yalayas Road rises to 20 thousand vehicles per hour

improved over a sector extending six km from the 7th Interchange of the SZR to Sheikh Mohammed bin Zayed Road at Al Houdh Interchange. Al Asayel Road will also be upgraded over a 5-km sector to link with JAFZA, Jumeirah Islands, and Emirates Hills,” explained Al Tayer.

Phase I includes increasing the number of lanes of Al Yalayas Road from three to five lanes in each direction from SZR to Sheikh Mohammed bin Zayed Road and Emirates Road. In a subsequent stage, the number of lanes of Al Yalayas Road will be increased from three to five lanes in the direction from Sheikh Mohammed bin Zayed Road and Emirates Road to SZR such that the Road will be of five lanes in both directions with a capacity of 10 thousand vehicles per hour.

Phase II also includes completing the remaining lanes from and to the upper interchanges of First Al Khail and Al Asayel Roads along Al Yalayas Road with a capacity of seven lanes in each direction to ensure a smooth traffic flow from and to Al Asayel and First Al Khail Roads. The scope of work includes the construction

of two elevated signalised junctions with a design that caters to the needs of the Etihad Rail’s route. The two junctions are at the intersection of First Al Yalayas and First Al Khail Roads, and the intersection of Al Yalayas and Al Asayel Roads. It also includes a flyover to serve the traffic inbound from Al Asayel Road southward to Al Yalayas Road eastward.

The project includes completing Al Asayel Road extension over five km to with three lanes in each direction and link JAFZA with Jumeirah Islands and Emirate Hills. It also includes the construction of a two-lane flyover running about two km across Al Asayel Road to serve the traffic inbound from Qarn Al Sabkha Road in the direction of Sheikh Mohammed bin Zayed Road. It will link free-moving flyovers to serve as exit points for traffic generated by Al Furjan development project. It also includes the construction of six surface traffic light signals on Al Asayel Road to provide entry & exit points for some of the existing development projects such as Discovery Gardens and Al Furjan.



Opening internal roads at Hatta, Nad El-Sheba 4

Dubai's Roads and Transport Authority (RTA) has opened internal roads project at Nad El-Sheba 4 and opened another similar project at Makan Community, Hatta in the middle of Sept 2018. Undertaking the two projects is part of the 5-Year Plan endorsed by His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice-President and Prime Minister of the UAE and Ruler of Dubai, to construct internal roads in several residential communities of Dubai.

The project reflects RTA's efforts to improve roads infrastructure in residential communities to address the projected increase in urban expansion, and traffic volumes to ease the mobility of people and add to their happiness.

"The internal roads project at Makan Community, which has 346 houses constructed by the Mohammed bin Rashid Housing Establishment, includes the construction of 8-km internal roads, car parks, pavements and street lighting," said Mattar Al Tayer, Director General and Chairman of the Board of Executive Directors of RTA.

"The internal roads project at Nad El-Sheba 4 comprises the construction of 56-km roads (50-km at Nad El-Sheba 4, District 282, and 6-km at Nad El-Sheba 1, District 618) at a width varying from 7.3m for collector roads and 7m for local roads. Works also includ-

ed street lighting and rainwater drainage system," added Al Tayer.

Hatta Projects

Over the past few years, RTA had accomplished several road projects at Hatta stretching about 150 km linking Hatta with neighbouring areas. It had also rehabilitated Jima Dam, and last year completed the maintenance of Jima-Fay Road. In the field of transport, RTA has built Hatta - Dubai bus station & run the bus service, which is used by about 250,000 riders every year. A taxi services office had been opened in the area, and a taxi van had been deployed at Hatta Hospital to transfer dialysis patients to Dubai hospitals in addition to the opening of a bus route linking key areas of Hatta.



Smart Services Centre processes 8500 transactions in two months



‘Driverless Vehicle’ to enhance the ‘Sustainable City’

Dubai’s Roads and Transport Authority (RTA) has recently embarked on Phase 4 of the Driverless Vehicles Project within Sustainable City at Dubailand, Al-Qudra Road over a track extending 1250m. The step is a part of RTA’s efforts to boost the Dubai Government strategy to raise the share of autonomous transport to as much as 25% of public transport means by 2030.

“The trial run of the autonomous vehicle has started in the Sustainable City following three stages of successful test runs. The new phase, which will continue until the end of this September, is part of RTA’s plan to test the driverless technology means under Dubai’s climate conditions. Through these trials, the RTA is seeking to familiarize the public with driverless vehicles technology and the Dubai Driverless Mobility Strategy,” said Ahmed Bahrozian, CEO of RTA’s Public Transport Agency and Chairman of Smart and Sustainable Transport Committee.

“The smart vehicle, which was manufactured by EasyMile Company, can accommodate eight riders. It travels on short distances on pre-programmed routes under multi-user environments.

It moves on virtual tracks that can be configured easily to make abrupt changes to meet demand. The vehicle is fitted with all safety requisites and controls of the pre-planned routes, along with sensors and smart monitoring systems to cope with any obstacles and avoid a collision,” he explained.

“The latest trial run is part of the MoU signed recently with Diamond Developers Company, the developer of the Sustainable City project. It is part of RTA’s efforts to forge agreements with public and private entities towards making the smart mobility strategy a ground reality,” added Bahrozian.

“Transportation is amongst the key sectors generating gas emissions contributing to the global warming. With this in mind, the

Dubai's Roads and Transport Authority (RTA) announced that the Smart Services Centre affiliated to the Customers Happiness Centre at Umm Al Ramool attracted 8500 clients since it opened two months ago.

"The Smart Centre has processed 8500 transactions since it opened two months ago. It is the first 24/7 unmanned smart centre in Dubai Government," said Ahmed Mahboub RTA's Executive Director of Customers Service.

The Centre offers services including traffic fines' inquiries and payments, vehicle licensing, renewal of vehicle registration, replacement of lost/damaged vehicle registration card, renewal of a driving license, replacement of lost/damaged driver license, and seasonal parking cards. Services on offer also include the issuance of certificates of vehicle ownership, insurance refund, driver experience, non-ownership of vehicle and clearance certificate. These services can be availed through two self-service kiosk machines in the Centre.

Applications for seasonal parking cards topped the list as they

accounted for (26%) of the total transactions, followed by renewal of driver's license (25%), renewal of vehicle registration (21%), and the remainder was share by other services.

"The Smart Centre also has a teller machine enabling clients to use their e-purses with the RTA, and a computer corner enabling corporate clients to submit transactions to RTA in addition to a vending machine for snacks and beverages. Such services contribute to customers' satisfaction, and nurture an ideal environment for government services," added Mahboub.

RTA is planning to open two other smart centres this year end. It will also fit these centres with tablets for clients to submit their suggestions and complaints. The self-service kiosks will be upped from 15 to 20 by the end of the year as part of RTA's efforts to enhance People's Happiness.

Sustainable City has endorsed the use of electric and sustainable vehicles as a mean of public transportation and also as service vehicles throughout the City," said Faris Saeed, CEO of Diamond Developers Company.

"The introduction of driverless vehicles in Sustainable City is a future step towards using the smartest public transport means. It supports Dubai's Smart City initiative and the Government's strategy for driverless mobility, which will pave the way for more sustainable solutions in this regard," added Saeed.

The Smart Vehicle is 100% environment-friendly and has electric powered batteries that can operate for eight hours. It can accommodate eight riders (six seated and two standing) and travel at a speed of 20 km/h. The vehicle is designed for travelling on closed internal streets, such as those within residential communities and entertainment venues. It has high safety and security features thanks to 4-sided GPS monitors and laser sensors to monitor the route. It can detect any object within 40 meters, and slow down automatically when an object appears within two meters. The vehicle comes to a complete stop when the object approaches less than two meters.



DNATA Office to enhance employees and clients travel experience

Dubai's Roads and Transport Authority (RTA) has opened a DNATA Office in its headquarters; one of the biggest suppliers of air travel services worldwide. The step has been taken in the context of the MoU signed earlier by the two parties to enhance their cooperation, and provide a host of travel services and benefits.

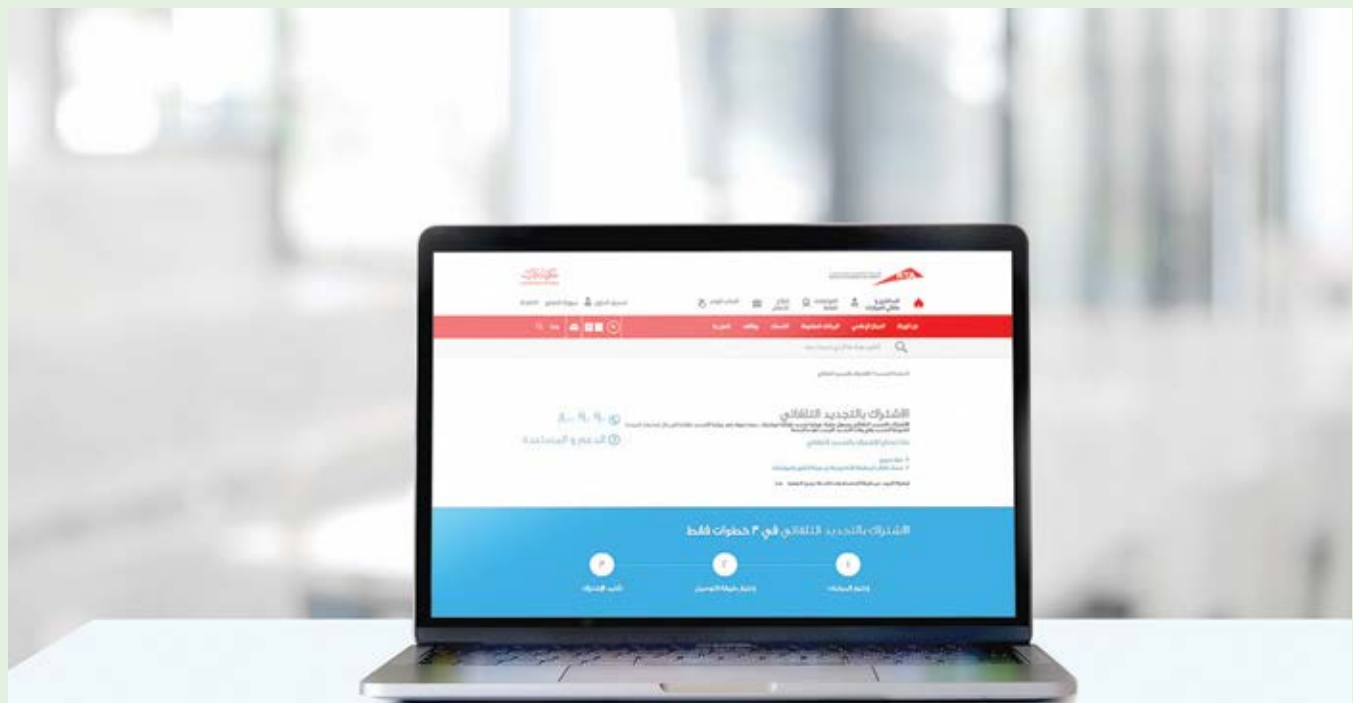
The office was opened by Yousef Al Rida, CEO of RTA's Corporate Administrative Support Services Sector, in the presence of Stephen Allen, Senior Vice President of Corporate Travel, and Badr Ahli, Director of Government Travel in DNATA.

"The cooperation with DNATA reflects our strategy to cooperate with government and semi-government entities and the private sector for the benefit of our employees. RTA is seeking to provide excellent services to employees such as promotional

discounts on branded products; which will boost the corporate performance of our staff," said Al Rida.

Through the new office DNATA will delivering services befitting its standing as one of the biggest air travel service providers in the world. RTA employees will be able to avail easy travel services such as travel and hotel bookings, recreational tours, travel insurance, cargo services, visa and others; which will boost their satisfaction.

Automatic renewal of vehicle for registration to individuals





Dubai's Roads and Transport Authority (RTA) has announced the launch of automatic renewal of vehicle registration service for individuals, having run the service earlier for the corporate sector. The step is part of the digitalization of RTA's services and Smart City drive of the Government of Dubai.

"The automatic renewal of vehicle registration service is part of the Licensing Agency's plan for migration to online services. The service is now up-and-running for vehicles of both companies and individuals through RTA's website (www.rta.ae). The beneficiary is required to have an e-wallet account," said Jamal Assada, Director of Vehicle Licensing at RTA's Licensing Agency.

"The e-wallet is a free service enabling clients to pay for service fees. To be able to use the e-wallet service, the client needs to have an account in the e-wallet service through signing up in (www.nol.ae), complete the information, associate the service with the licensing services, and add credit to the account through a credit card or Al Ansari Exchange. The service aims to reduce customers' visits to service centres, and make them happier," he added.

The client can avail the service by signing in through RTA's website, selecting Licensing Services and clicking on 'Automatic Renewal.' The customer can enter the number plate of vehicle

required for the 'Automatic Renewal.' It is possible to renew registration 90 days before the expiry date. The client may also specify the maximum amount permitted for paying fines through the e-wallet, verify the e-mail address, select the delivery method of the new registration card, complete the information and confirm the subscription to the service. A text message is sent to the client confirming subscription to the service.

The client can use the automatic renewal service and have the vehicle registration renewed on due time. A notification is sent stating that the vehicle(s) registration is under process along with a confirmation of fee payment through the e-wallet. The client can then receive the registration card through the postal company or one of RTA's customer happiness centers in case plates need replacement. A video will be posted on social media platforms, and brochures will be distributed to service centers explaining the subscription to the service.



Stay in your lane around the Jumeirah Lakes Towers area.

Stay clear of the new bus lanes. These dedicated lanes are for buses, taxis, police, civil defence and ambulances. Starting 1st of July, accessing these lanes will get you a fine of AED 600. Simply keep to your own lanes and reach your destination on time.

800 9090 rta.ae

Dubai Bus



Other dedicated bus lane locations around Dubai:

**Naif
Al Mamzar
Al Ghubaiba**

Our LED lighting makes 12.6 Gigawatt-Hour electric power savings in 2017

Dubai's Roads and Transport Authority (RTA) announced that it had made electric power saving as much as 12.6 Gigawatt-Hour in 2017, in addition to reducing carbon emissions by 5,430 tons. Making such savings contributes to realising RTA's strategic objective of nurturing a sustainable environment through saving power consumption.

"A plan has been endorsed to replace the conventional street-lighting units of HID type by LED lights, following savings amounting to 50% resulting from Traffic and Roads Agency's pilot project of replacing HID by LED units in several areas of Dubai", said Eng. Maitha bin Adai, CEO of RTA's Traffic & Roads Agency.

RTA is committed to realising the vision of Dubai Government for sustainable development through introducing power-saving plans. The replacement of HID lights by LED lights is part of its power-saving initiatives, which include the partial switching off of lights in residential areas and revising the street-lighting hours while taking into consideration the security and safety of road users.

"The resultant power savings is expected to reach 22 Giga-

watt-Hour in 2018, i.e. almost double of that achieved in 2017. It is equally important to promote the positive environmental practices as it leads to a substantial change in environmental, economic and social attitudes," concluded Maitha.



Offering easy payment service for vehicle fines

Dubai's Roads and Transport Authority (RTA) has launched a new service enabling clients to pay RTA fines, for all the vehicles registered under the federal traffic system across the UAE, in easy instalments using credit cards. Offering the service is part of RTA's strategic goals aimed at achieving people happiness and financial sustainability.

"RTA has launched this service to enable clients to pay fines due to RTA in easy installments through credit cards over a period of one year without incurring bank interests," said Ahmed Al-Kaabi, Executive Director of Finance at RTA's Corporate Administrative Support Services Sector.

"The service is currently available for clients holding credit cards of seven banks namely, Mashreq Bank, Abu Dhabi Commercial Bank, Dubai Islamic Bank, EmiratesNBD, Noor Bank, Emirates Islamic Bank and Commercial Bank International. More banks will be added in future, and the payment process is required to be completed through RTA DUBAI App.

The service is offered to all vehicles in the UAE and has no limit on amounts due to RTA. It is contrary to the conventional cheque payment system; which is restricted to vehicles registered in the Dubai traffic system, and allows installments only if the accumulated fines amount to AED5000 for individuals and AED20,000 for companies.

"The launch of this service contributes to RTA's third, sixth and seventh strategic goals i.e. People Happiness, Financial Sustainability and RTA Excellence respectively. Needless to say that facilitating customers' procedures is an overriding priority of RTA Agenda," concluded Al-Kaabi.

Dubai Metro rewards the city of innovation

Dubai Roads and Transport Authority (RTA) has carried out a comprehensive study on the Economic Impact of the Dubai Metro Project, including both its Red and Green Lines, in collaboration with Henley Business School, University of Reading, one of the longest-established universities in the UK. The study analyzed the direct and indirect economic benefits of the Metro and calculated the internationally recognised economic indicators in this regard including the Benefit-Cost Ratio.





His Excellency Mattar Al Tayer, Director General and Chairman of the Board of Executive Directors of RTA, said: “At a time when RTA celebrates the ninth anniversary of Dubai Metro, this study underlines Dubai’s keenness to invest in improving and widening its infrastructure, since it is the backbone of driving the competitiveness of cities and countries. The infrastructure in general and roads in particular play a massive role in supporting economic, social and tourist activities, boosting the integration of the local economy, and enhancing GDP. The Dubai Government is aware of the paramount importance of investment in infrastructure, and the Government has therefore consistently maintained this policy. As a result, the emirate’s investments in roads and transport infrastructure have touched AED 100 billion.”

“Such a trend has been rewarded with clear dividends that have propelled the competitiveness of the Emirate and the UAE in general, making Dubai a global benchmark for the quality of infrastructure. The remarkable roads network of the emirate was instrumental in the UAE achieving Number One ranking in the quality of roads worldwide for four years in a row (2014–2017), according to the Global Competitiveness Reports of the World Economic Forum. The sustained improvement of roads, as well as transit systems and services witnessed by Dubai since the establishment of the RTA in 2005 have generated savings of as much as AED125 billion in the cost of fuel and time,” added Al Tayer.

The cost of roads & transport infrastructure in Dubai is estimated at AED100 billion

Roads network and mass transit systems and services save AED125 billion

Socio-Economic Benefits

Al Tayer also stressed that Dubai Metro is a flagship project of the RTA and has become the backbone of the city’s public transport. Although the core objectives of the Metro Project were focused on developing a public transport system to alleviate congestion and reduce emissions, the project has brought a host of economic, social and environmental benefits.

The study examined the capital and operational costs of the Metro and matched them to the financial benefits of the project in the form of tariff revenues, increase in operational jobs, and appreciation in the value of properties in the surroundings of the Metro stations. Material benefits also include increasing consumer surplus of metro users (residents, citizens, and tourists), raising foreign investment, reducing mobility and vehicle operation costs, curbing carbon emissions, decreasing traffic accidents, cutting road maintenance costs, and boosting employment prospects.





Cooperation

Al Tayer explained that several entities in the Emirate contributed to the data collection and analysis for this Study including: Dubai Land Department, Dubai Municipality, Dubai Statistics Center, Department of Economic Development, Department of Tourism & Commerce Marketing, and the main shopping centres. For in-

stance, the Study benefited from the information provided about the selling and lease of properties, which helped to develop an analytical economic model to assess the impact of the Metro on the real estate market. In doing so, the study analyzed 50,000 sales transactions and 150,000 lease transactions conducted between 2009 and 2016 within a 500m radius of the Metro Stations.





The study also analyzed the contents of 14,270 press articles and reports published locally and abroad between 2000 and 2016 to gauge public perceptions surrounding the Dubai

Metro and its role in raising the profile of the city as a premier global tourist hub. To examine the impact of the metro on urbanization in Dubai, analysis and comparisons of aerial maps



DH54B

Expected capital and operational costs in 2030



DH45B

Expected capital and operational costs in 2020



DH115B

Expected benefits in 2020 and 234 billion Dh in 2030



DH41B

Accumulated capital and operational costs in the same period

of areas surrounding Dubai Metro were carried out for the 2005 – 2017 period. In addition to the local information input, the study relied on various information sources and data including the review of more than 400 studies and technical reports worldwide.

World-Class Standards

The study estimated the accumulated benefits of the Metro in the period between its establishment in 2009 and end of 2016 at AED 66 billion compared to accumulated capital and operational costs of about AED 41 billion, i.e. the cost-benefit ratio reached 1.6 by the end of 2016. It is estimated that the accumulated benefits in 2020 and 2030 would be AED 115 billion and AED 234 billion respectively, whereas the capital and operational costs for the same years were estimated at AED 45 billion and AED 54 billion respectively. It follows that the cost-benefit ratio for the said years will be 2.5 and 4.3 respectively. This means that every dirham spent on the Dubai Metro has yielded a return of 1.6 dirhams to the economy of the Emirate in 2016, and this return will shoot to 2.5 dirhams and 4.3 dirhams in 2020 and 2030 respectively.

Al Tayer commented that such figures illustrate the huge impact of the Metro on the economy of the Emirate. These results are consistent with the findings of similar global studies

RTA conducts study on the Economic Impact of Dubai Metro Project

Economic return of the Dubai Metro is set to exceed four times its cost by 2030

Accumulated economic benefits of the Metro from inception to the end of 2016 hit AED66 billion while cost amounted to AED 41 billion

albeit the variation in the cost-benefit ratio from one city to another depends on the timeline of studies commissioned, types of benefits covered in the analysis, discount rate applied, and the cost of materials and labor involved. For example, the benefit-cost ratio of Athena Metro – Line 4 was estimated as 1.17 in a 30-year study. In Sweden, the ratio of Stockholm Metro ranged from 6.5 to 8.5 in a study spanning for 50 years, and in Ireland, the ratio of Dublin Express Train ranged from 2.1 to 2.7 in a 32-year study.



4.3:1.6

Expected cost-benefit ratio for the year 2030



DH66B

Accumulated benefits of Metro between 2009- and 2016



DH125B

Savings generated in fuel and time by RTA since its founding in 2005



100B

Dubai's investments in roads and transport infrastructure

Honoring female leaders in celebration of Emirati Women's Day

The Women Committee of Roads and Transport Authority (RTA) in Dubai has held a host of events marking the Emirati Women's Day launched by Her Highness Shaikha Fatima Bint Mubarak, Chairwoman of the General Women's Union, President of the Supreme Council for Motherhood and Childhood, and Supreme Chairwoman of the Family Development Foundation.

The Day is celebrated on August 28 to commemorate the establishment of the General Women's Union in 1975, and this year's event is themed 'Women on the Course of Zayed.'

"Women in the UAE are privileged by the full support and patronage of the UAE leaders who have provided all means empowering women to undertake their role in building the nation," said HE Mattar Al Tayer, Director-General and Chairman of the Board of Executive Directors of the RTA in Dubai. "The Emirati Women's Day is a true manifestation of the path charted by the late Sheikh Zayed bin Sultan Al Nahyan, and looked after by Her Highness Sheikha Fatima bint Mubarak Al Nahyan. It is no wonder that the UAE women has now become a model in their abilities and contribution to the development drive.

"In line with this policy, the RTA attaches special attention to providing the right circumstances for women to take up leader-

ship positions and work side-by-side their male counterparts to bring successes to the RTA. Thankfully, the RTA now boasts of 632 female Emiratis, 53 of whom are in placed leadership positions. The number of Emirati female leaders has so far reached 53 and the rate of Emiratis in specialist jobs is 40% of total female Emirati incumbents.

Moaza Al Marri, Director of Marketing and Corporate Communication and the Chairperson of Women Committee at RTA, said, "It is great that our celebrations of the Emirati Women's Day this year themed 'Women on the Course of Zayed' are held in conjunction with the Year of Zayed initiative.

"RTA views female employees as essential and vital contributors to the achievement of RTA's strategic objectives. Emirati women are living their golden age as they are privileged by the unlimited support of our leaders who spared no





effort in empowering and assisting them to take the highest positions at all levels. They have become key partners of the modern urbanization of the UAE.

“To mark the event, several pioneer female employees of RTA have been felicitated for their innovative efforts in steering RTA’s strategic drive. A discussion panel was held hosting one of RTA’s

female leaders to shed light on her professional career.

“RTA is always keen on enriching and empowering female staffs to make them more confident in their abilities. It offers them exposure to innovative programs to nurture a work environment that adds to their happiness and career path in RTA,” concluded Al Marri.



Promoting traffic awareness for students

Roads and Transport Authority (RTA) in Dubai has developed a new plan for promoting traffic awareness in Dubai schools and nurseries for the new academic year 2018-2019. The plan focuses on interacting with students through visual aids along with e-surveys to monitor their satisfaction and benefit.

RTA has a strategy for promoting the traffic culture amongst students and children with the aim of eradicating schools of serious traffic accidents. Over the past five years, we have succeeded in achieving zero fatality in school zones, attributing to a combination of engineering, technical and awareness measures undertaken by RTA. RTA plan for the new academic year is to maintain that clean record.

Awareness events targeting students are a key component of the traffic awareness strategy applied by RTA all over Dubai. The school events are coordinated with the Ministry of Education, Dubai Educational Zone and the Knowledge & Human Development Authority.

Visual presentations were tailored made, catering different educational age groups in schools across Dubai. The teams have also prepared written and e-surveys configured to different school levels, which will run before and after the awareness events. The aim is to detect changes triggered in the activity and awareness of students.

The educational programs include awareness lectures for school bus drivers and parents in addition to educational



messages via social media channels, outdoor ads, and e-media. Traffic accidents in school zones are mainly due to the lack of drivers' attentiveness and failure to anticipate students' conduct in these areas.

"Traffic awareness masters at the department will intensify their visits to schools and nurseries at the start of the new academic year. They will hold awareness events and distribute the monthly Salama magazine, which September issue includes a series of drawings and stories focused on the new school year and the avoidance of traffic accidents.





Registration will start on
Sunday 30th of September
2018. The auction will start
on the 7th of October 2018
at 8:00 am for 5 days.



RTA

Drive on the road to excellence

Register for the online auction of special number plates

The following terms and conditions apply:

1. All online auction participants should have an account on rta.ae. A new user link can be used to get a username and password.
2. New users must have a vehicle registered in Dubai or a driving licence issued in Dubai.
3. The deposit for the auction is AED 5,000 + nonrefundable AED 120 participation fee
 - The deposit can be made through www.rta.ae or on the Dubai Drive App via credit card
 - Cheque insurance deposit can be paid at customer happiness centres (Umm Ramool, Bur Dubai and Deira)
4. The successful bidder should pay the bid amount within 10 days after the auction has closed through the following means:
Service provider centres in cash or credit.
RTA customer happiness centres in cash up to AED 50,000, a manager's cheque, or credit for amounts over AED 50,000.
rta.ae in credit.
Should the payment not be made within 10 days, the participant will be placed on the "uncommitted" list.
5. Categories: Private (A, B, H, I, J, K, L, M, N, O, P, Q, R, S, T).
6. Number of plates: 300 (3 digits, 4 digits and 5 digits).
7. **5% VAT will be applied on sold number plates.**

Al Masar alerts motorists of potential accidents during rainy weather

Al-Masar Magazine Editorial Board has alerted motorists of the risks of driving during fluctuating, rainy and dusty weather conditions, which require extra care and caution besides slowing down. It is well established that over-speeding during rainy conditions often leads to the lack of vehicle control and vehicle sliding.



If a vehicle is moving at 60km/h, it needs about 35 m to avoid collision with the vehicle in front in case of a sudden stopping. If the speed doubles to 120 km/h, the vehicle needs 4 times the distance, i.e. 140 m to avoid a collision. This applies to dry rather than wet roads. Moreover, motorists are cautioned against driving at high speed during windy or dusty conditions, especially when the visibility is low.

Hidden sand and water

Traffic studies conclude that the safe braking distance must increase during rainy weather due to the poor friction between the road surface and tyres; which has the potential of causing the vehicle to slide or flip. The same theory applies to windy weather. As we cannot leave long distances on roads, the best solution is to reduce speed and increase attention. During bad or dusty weather at night, it will be difficult to verify the road condition, be it wet, dry, submerged or has accumulated sand on sides or pavements, especially roads not fitted with stormwater drainage systems.

Changing weather dictates different driving style

When approaching water ponds, motorists are urged to slow down and keep clear of wet areas as much as possible through wise driving on dry places away from sand deposits. The potentials of traffic accidents multiply during rainy, windy, and dusty

weather. The change in road conditions dictates a change in the driving style, and the UAE is heading now to the rainy season.

Motorists need not turn the joy and fun of the rainfall into grief and misery.

Traffic awareness and safety experts call for compliance with the rules of driving during changing and poor weather conditions as they blur visibility and give rise to traffic accidents. The chances of having traffic accidents during foggy or rainy weather are higher by 5% than other periods; which is high considering the little number of rainy and foggy days of the year in this country. We have to take into consideration that some accidents are attributed to the drop in visibility level, even if the driver was not reckless.

Cleaning Glass and Lights

Studies recommend motorists to clean windshields and headlights as well as signals and ensure their functionality before driving. Drivers have to keep sufficient safety distance from vehicles in front and reduce speed to allow space for braking during bad weather conditions. Under such weather, the driver must not attempt to accelerate to overtake a vehicle in front, nor allow other drivers to make him take the risk of this kind. The driver must also keep-in-lane and avoid lane changing unless it is necessary. When visibility is low, the driver can use high or low beam light such that fellow motorists can spot his car and avoid a collision.

Hazard signals not for rain

The call for switching lights on under bad weather conditions does not include the hazard signals (four side light signals) as they must only be used during an emergency stop. The use of these signals during driving deprives the motorist of using them when needed during emergency conditions and makes him unable to indicate the direction of the vehicle. Drivers are required to use wipers to avoid the accumulation of water that blocks or blurs visibility and eliminate the vapour developed inside the vehicle. The driver has to anticipate a risk occurrence at any moment such as a sudden stop of the vehicle in front or entry of a vehicle from a side opening. The driver must be ready to avoid such a risk and allow himself more time to complete the trip during changing weather than in the normal clear skies.

Happiness is a two-way street

Many employees of the Roads and Transport Authority (RTA) believe that happiness is not all about achieving benefits at the workplace, home or the community. It goes further to include the ethos of giving, loyalty, and dedication to serving others as well as realizing the objectives set.

Officials of the RTA view the UAE leaders as role models dedicated to the happiness of people, the welfare of the community and the stability of the nation. Thanks to their efforts, the UAE was ranked Number One in Arab countries and 21st worldwide in the Happiness Index 2017. It aims to be among the Top 5 happiest countries in the world by 2021. These endeavors have inspired the RTA to achieve the highest levels of happiness, be it for internal or external clients.

“Happiness reflects on the achievements of human beings. We perceive happiness when we become a source of giving, and feel satisfied when we realize our objectives,” said Mansour Al Falasi, Director of HR and Development, Corporate Administrative Support Services Sector, RTA during a workshop held in the RTA entitled: Employees Happiness Index 2018.

“We need to be more positive, interactive, transparent and objective when responding to the Employees Happiness Index Survey

of the Dubai Government Excellence Performance Programme. It is imperative to intensify employee participation in this survey to boost RTA’s chances of winning ‘The Happiest Work Environment’ Award. Should the RTA manage to achieve the best result in the Human Capital Standard, it will pave the way for clinching ‘The Pioneer Government Entity’ Award; which becomes likely if RTA’s employee happiness rating is higher than the Dubai Government Employees Happiness Index,” added Al Falasi.

“The RTA has set ‘People Happiness’ as its third strategic goal and is making every effort to make internal and external clients happy. Recently, it has introduced a series of improvement measures summarized in:

Improving the conditions of 759 employees in 2018

Endorsing a new edition of the Rewards Package Policy

Boosting the allocations of the Excellence Fund

Holding induction workshops about Career Paths



Employees urged to respond to Happiness Surveys and exercise their responsibility in highlighting RTA's achievements

Holding Open House gatherings attended by HR Director

Automating employee services at the HR Dep't

Establishing Employee Communication Center at the HR Dep't

Preparing effective corrective plans in cooperation with Directors

Preparing a Guide for Jobs Satisfaction Improvement Measures

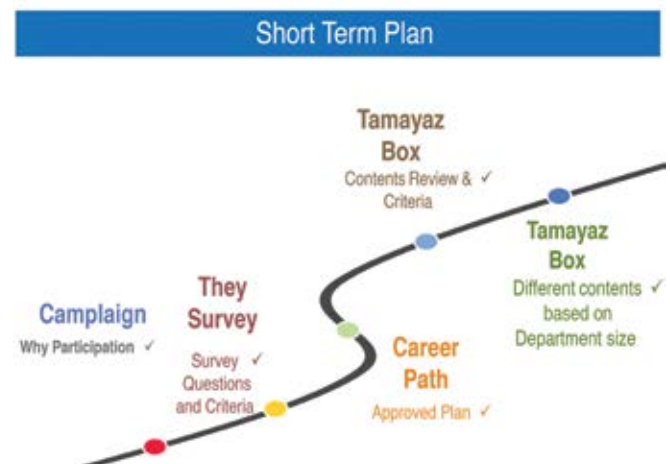
Holding meetings with employees of different RTA departments to discuss and recommend improvements in employee satisfaction measures

Running an internal awareness campaign via e-mails, display monitors and intranet

Following up implementation of improvement plans

Taking initiatives to enhance employee satisfaction such as the Happiness Card

"The RTA has set a long-term plan that includes designing a loyalty programme with specific objectives and periodic indicators, forming HR Tasks Team to study cases and make recommendations, and setting up a committee involving all agencies to review HR policies," added Al Falasi.



From Dubai Metro to At the Top, Burj Khalifa!

The Dubai Metro will take riders to at the top of Burj Khalifa!

It is not a joke or a fiction, but an initiative of the Rail Agency of the Roads and Transport Authority to promote the Metro and Dubai.

It is now possible for Dubai Metro riders to have a 360-degree panoramic view to all parts of the city from floors 124 and 125 of Burj Khalifa. This exclusive offer entitles Metro riders to access to the Open Terrace Observation Deck of Burj Khalifa at a ticket of only 75 dirhams per person, instead of the original price of 135 dirhams per person.

As part of the initiative, riders can simply claim the discount voucher from Dubai Metro stations and show it, along with Emirates ID, to Burj Khalifa Observation Deck Counter at the lower level of Dubai Mall.

Vouchers are available at a limited number of stations, and the

list of stations can be checked through Burj Khalifa website.

Thousands of Dubai Metro riders are expected to benefit from this offer. The Observation Deck (Sky Lounge) on floor 124 offers a stunning view of Dubai city and surrounding areas. Visitors can then explore floor 125, which pays tribute to the authentic Arab arts and explores the city's skyline in new styles using advanced telescopes. The Falcon's Eye View enables visitors to view Dubai from a unique perspective.

The offer is limited to Dubai Metro riders and is valid for daily riders from 9 am to 2 pm, and from 9 am to 11 pm.

Can't we really access At the Top of Burj Khalifa through Dubai Metro?





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