

المسار almasar

The Official Monthly Magazine of Dubai's RTA

Issue No. 208 – October 2025

Hamdan bin Mohammed Opens Self-Driving Transport Exhibition



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 Charts out the Future Pioneership of Autonomous Mobility



The world is undergoing unprecedented transformations in autonomous mobility, which are rapidly reshaping the priorities of major cities.

Driven by advances in artificial intelligence, intelligent sensing technologies, and integrated digital infrastructure, Autonomous vehicles are emerging as a promising means of delivering higher levels of safety, efficiency, and sustainability. In the future, they are poised to redefine transport systems, enhance the quality of life, and address road safety challenges.

As His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, says: “The future belongs to those who can imagine it, design it, and execute it. It isn’t something you await, but rather create.”

Determined to become the world’s smartest city, Dubai stands at the forefront of these transformations. It has established itself as one of the most progressive cities in embracing innovation and shaping the future. Guided by visionary leadership, Dubai has adopted an ambitious strategy to transform 25% of all journeys into smart, autonomous trips by 2030, a bold step that underscores the city’s commitment to foresight and to setting a global benchmark for sustainable mobility. Building on this vision, Dubai’s Roads and Transport Authority (RTA) has reinforced the emirate’s standing as a global hub for advanced technology. This has been achieved through the development of legislative and regulatory frameworks tailored to the requirements of autonomous mobility, together with the establishment of state-of-the-art digital infrastructure capable of sup-

porting these cutting-edge technologies.

The Authority has also forged strategic partnerships with leading global companies, paving the way for the introduction of autonomous taxis in 2026. This milestone will place Dubai among the first cities in the world to deploy self-driving taxis on a large scale.

As part of Dubai’s drive to lead the global dialogue and shape future directions, RTA hosted the fourth Dubai World Congress for Self-Driving Transport. The event attracted over 3,000 international participants and featured more than 45 workshops and seminars, with contributions from over 80 senior officials, researchers, experts, and technology innovators in the field of autonomous mobility.

The event also recognised the winners of the Challenge, held under the theme of Dubai Autonomous Transport Zone. Several international and local consortia and entities competed to design a model district with a fully integrated, multimodal transport system. The concept allows residents to choose the mode of mobility that best suits their needs while ensuring high-quality service, with the primary aim of establishing a global benchmark for autonomous mobility in urban environments.

RTA continues to drive government efforts to build smart, innovative, and sustainable cities, with autonomous mobility serving as a cornerstone for creating a more efficient, intelligent, and resilient urban environment. Autonomous vehicles will be instrumental in enhancing road safety, delivering seamless transport services, reducing carbon emissions, and shaping an urban landscape fully aligned with the demands of the future.

H.E. Mattar Al Tayer

Director General, Chairman of the Board of Executive Directors

المسار almasar

Al Masar Magazine Strategy

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

GENERAL SUPERVISOR
Fatma Alkhumiri

EDITOR IN CHIEF
Maryam Al Blooshi

EDITORIAL ADVISOR
AlMoatasem Belah

MANAGING DIRECTOR
Mohammed Al Munji

EDITING MANAGER
Nashwan Mahmood

PHOTOGRAPHY
Sahir Babu

DESIGN & MARKETING
SLA
SPOTLIGHT
Advertising
www.spotlightuae.net

ART DIRECTOR
Said Mansour

Printed by
Al Nisr Publishing LLC

Reciprocal Ads Initiative

Al Masar magazine Editorial Board offers the Reciprocal Ads initiative whereby a space for an advert is allocated to strategic partners and other government entities against allocating the same space in the magazine of the beneficial entity during the same month for the benefit of the RTA.

CONTACT US

P.O.Box: 118899 Dubai,U.A.E
Tel : +971 4 2903608
Fax: +971 4 2903933
almasar@rta.ae
www.rta.ae

To browse Al Masar magazine



News

- 28 Dubai Metro Marked 16 Years of Leadership in Sustainable Transport
- 32 Al Tayer Discussed Public Transport Enhancement with Swedish Minister
- 32 Al Tayer Explored Partnerships with AECOM
- 32 Al Tayer Discussed Cooperation with Nissan and Infiniti Executives





Cover Story

- 06 Mohammed bin Rashid Attended Mohammed bin Rashid Leadership Forum
 - 10 Hamdan bin Mohammed Issued Resolution Forming Dubai Civility Committee
- Hamdan and Ahmed bin Mohammed Inaugurated Dubai World Congress for

Projects

- 34 Six Pedestrian and Cycling Bridges Constructed on Key Roads
- 38 Internal Roads Developed in Eight Residential and Industrial Areas
- 40 Road Capacity Expanded on Sheikh Zayed Road
- 40 Quick Traffic Solutions Implemented on Al Thanya Street



28



34



محمد بن راشد آل مكتوم

Mohammed bin Rashid attends (Mohammed bin Rashid Leadership Forum)

HH directs to make Dubai the most beautiful and refined city in the world

His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President, Prime Minister of the UAE, Ruler of Dubai, directed government and private sector leaders to intensify their efforts and embrace world-class standards to ensure Dubai consolidates its position as the best city in the world across all fields. His Highness stressed the importance of working as one team to establish Dubai as the world's most beautiful, advanced, and refined city.

His Highness also called for the launch of new initiatives and projects that transform Dubai into a global model of calm, integrated and inspiring urban living—initiatives that enhance the city's beauty, guarantee sustainability, and provide quieter and healthier environments that promote well-being, reduce pollution, and improve cleanliness and aesthetics.

The directives also aim to create sustainable, vibrant communities that integrate environmental preservation with

leisure, culture, and economic activity. At the same time, they promote positive values and behaviours to build a more aware, tolerant, and cohesive society, while supporting family cohesion and reinforcing the balance between family life and work, with parents playing a central role in raising future generations.

His Highness made these remarks during the Mohammed bin Rashid Leadership Forum, the leading annual platform



dedicated to leadership and management, held at Dubai World Trade Centre. His Highness was accompanied by His Highness Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum, Crown Prince of Dubai, Deputy Prime Minister, Minister of Defence, 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 Dubai Civil Aviation Authority, Chairman of Dubai Airports, and Chairman and Chief Executive of Emirates Airline and Group; Her Highness Sheikha Latifa bint Mohammed bin Rashid Al Maktoum, Chairperson of Dubai Culture and Arts Authority; and His Highness Sheikh Mohammed bin Rashid bin Mohammed bin Rashid Al Maktoum.

The Forum gathered more than 1,000 leaders from across Dubai's government and private sectors, who engaged in leadership councils, strategic discussions, and workshops to explore mechanisms for implementing His Highness Sheikh Mohammed's directives and developing impactful projects to make Dubai the best city in the world across all aspects of life.

A city for people

"Today, Dubai leads the world in key competitiveness indicators. We want Dubai to be the best city in the world across all sectors. We want every official to redouble their efforts, set clear benchmarks, and ensure rapid, measurable progress towards this vision," His Highness said.

His Highness added: "People are at the core of our decisions, policies, and projects. We aim to make Dubai the best city for children and families, tourists and traders, and the elderly—a

Mohammed bin Rashid:

- Dubai today leads the world in key competitiveness indicators
- We want Dubai to be the best city in the world across all sectors
- Every official must redouble their efforts to realise this vision

city where people live with dignity and where society flourishes through cooperation, compassion, and harmony. We envision Dubai as the most beautiful, orderly and peaceful city – a city defined by refinement, cohesion, compassion, and social harmony."

"We call on everyone to work as one team and unify efforts to build the most liveable city, a place where people's dreams are realised, values are honoured, and horizons are expanded," His Highness further said.

"Dubai has always been—and will remain—a hub for leadership and talent, a catalyst for positive change, and a global model for excellence and innovation," he stated, noting that the forum is a premier annual gathering that brings together leaders and international experts in Dubai.

"From the beginning, we placed high priority on empowering a generation of leaders capable of propelling Dubai to new heights of success and innovation."

"Here in Dubai, we do not pause. We nurture and equip a new generation to navigate fast-paced global shifts – a generation that thinks faster, is bolder in change, anticipates the future, and builds new concepts. Our aim is to expand Dubai's economic and social impact, and we continue to have the highest confidence and trust in the people of Dubai."



At the conclusion of the Forum, His Highness posed for commemorative photographs with leaders from government and private sectors, as well as graduates of the Mohammed bin Rashid Center for Leadership Development.

Strategic dialogue

The Forum, organised by the Mohammed bin Rashid Center for

Leadership Development, brought together more than 1,000 leaders from Dubai's public and private sectors. Participants engaged in strategic dialogues, leadership councils, and interactive workshops to discuss the most effective initiatives and practices to accelerate the implementation of His Highness Sheikh Mohammed's directives and ensure rapid progress across all fields.

Mattar Al Tayer: Dubai is a pioneering model of the future city under visionary leadership that anticipates change with renewed thinking

Ideal Platform for Dialogue

His Excellency Mattar Al Tayer, Director General, Chairman of the Board of Executive Directors of Dubai's Roads and Transport Authority (RTA), emphasised in his keynote at the Future City Leaders Council that the Forum represents a unique opportunity for dialogue, exchange of ideas, and sharing perspectives on advancing smart urban infrastructure. He underlined the importance of knowledge exchange, innovation, and technology in shaping a sustainable urban future that reflects Dubai's pioneering vision in transport and urban services.

Al Tayer noted that the Forum provides an invaluable platform for leaders to draw inspiration from the vision of His Highness Sheikh Mohammed bin Rashid Al Maktoum in preparing the next generation of leaders and fostering a culture of effective leadership. He stressed that the

gathering reaffirms Dubai's commitment to equipping its future leaders with the skills to address tomorrow's challenges.

Future Cities

Highlighting Dubai's achievements, Al Tayer said the city today stands as a global model for the city of the future, led by bold and exceptional leadership that anticipates change with renewed vision and embraces innovative, unprecedented ideas. He underscored that His Highness Sheikh Mohammed has always been years ahead of global trends, having driven transformative shifts at the beginning of the 21st century that propelled Dubai towards the future with a clear focus: people's happiness and quality of life.

This vision is embodied in landmark strategies and plans, including the Dubai Urban Plan 2040, Dubai Economic

Agenda D33, the Comprehensive Development Plan for Hatta, Dubai Social Agenda 33, and the Dubai Quality of Life Strategy 2033.

Al Tayer further noted that Dubai has succeeded in designing and building future-ready cities centred on people, distinguished by the seamless integration of economy, technology, environment, and infrastructure within a unified framework. He emphasised that investment in infrastructure has been a principal driver of economic growth, with Dubai's Roads and Transport Authority receiving unlimited support that has been embodied in projects exceeding AED 150 billion. These included world-class road networks, the development of a global transport system, and the adoption of unprecedented mega-projects such as the Dubai Metro, which, since its launch in 2009, has carried more than 2.6 billion passengers to date.

He added that future cities are defined by their focus on quality of life, aesthetic elements, and foresight. In line with this vision, Dubai continues to advance smart mobility systems, digital infrastructure, clean energy solutions, and green transport. The city has also launched pioneering projects to enhance human well-being and shape the future, including the Dubai Walk Master Plan for pedestrian networks, aerial taxis, and autonomous taxis.

Leaders from Dubai's public and private sectors took part in five leadership councils established to advance these objectives: the Cultural and Media Identity Leaders Council, the Dubai Economic Leaders Council, the Future City Leaders Council, the Social Cohesion Leaders Council, and the Dubai Technology and Digital Leaders Council.

The Forum's agenda also featured panel discussions, workshops, and broad dialogues inspired by the directives of His Highness Sheikh Mohammed bin Rashid Al Maktoum and his leadership philosophy, which emphasises foresight and proactivity in decision-making. In addition, the Forum included workshops delivered by international experts in leadership, management, and future skills.



The UAE has succeeded in building cities centred on human happiness and quality of life

A Sustainable Leadership Ecosystem

As the region's foremost annual platform dedicated to leadership and management, the Forum provides a comprehensive space for dialogue and the exchange of creative ideas. It focuses on building a sustainable ecosystem for developing leadership models capable of responding with agility, efficiency, and speed to regional and global changes, and of turning challenges into opportunities.

The Forum also seeks to keep leaders across Dubai's government entities and sectors at the heart of global transformations. It aims to strengthen collective strategic thinking in decision-making, define and prioritise objectives, and establish a sustainable framework for preparing and developing leaders who can navigate the accelerating pace of global change with high competence.

In addition, the Forum works to promote the exchange of best local and international practices in leadership and management, showcase innovative leadership experiences, and enhance collaboration among government entities. By providing an inclusive platform for Dubai's leaders, it ensures effective coordination and integration across sectors, strengthens execution, and supports balanced development.



“Smart Integrated Infrastructure” announced as theme for upcoming Dubai Challenge **Hamdan bin Mohammed inaugurates Dubai World Self-Driving Transport Exhibition**

His Highness Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum, Crown Prince of Dubai, Deputy Prime Minister, Minister of Defence, Chairman of the Executive Council of Dubai, inaugurated the Dubai World Congress for Self-Driving Transport and its accompanying exhibition, in the presence of His Highness Sheikh Ahmed bin Mohammed bin Rashid Al Maktoum, Second Deputy Ruler of Dubai. Organised by Dubai’s Roads and Transport Authority (RTA), the event featured 55 exhibitors representing leading international companies. It was held as part of the Dubai World Congress and Challenge for Self-Driving Transport, which brought together over 3,000 participants from around the world, along with more than 80 speakers, including senior officials, researchers, experts and developers in advanced self-driving technologies.



مؤتمر دبي العالمي
 للتحول ذاتي القيادة
 DUBAI WORLD CONGRESS
 FOR SELF-DRIVING TRANSPORT

SEP | 2025



His Highness, accompanied by His Highness Sheikh Ahmed bin Mohammed bin Rashid Al Maktoum, toured the exhibition and was briefed on the latest smart solutions and technologies showcased by participating companies. These included autonomous and electric vehicle systems, pioneering concepts for future public transport, passenger drones, as well as artificial intelligence and robotics applications designed to support intelligent transport systems.

His Highness Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum stated that Dubai is steadily consolidating its position as a global hub for the development and deployment of future technologies. He noted that the congress reflects Dubai's proactive vision in anticipating the future and placing innovation at the heart of sustainable development. He added that this aligns with the objectives of Dubai's Smart Self-Driving Transport Strategy, which aims to transform 25% of all trips in Dubai into driverless journeys by 2030.

His Highness said: "Dubai continues to strengthen its position as a global hub of innovation and a prime destination for shaping the future of vital sectors, including autonomous mobility, which is one of the key pillars of smart cities worldwide. Guided by the vision of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the

Hamdan bin Mohammed:

"With the vision of Mohammed bin Rashid, Dubai continues to consolidate its status as a global hub for innovation and a prime destination for shaping the future of vital sectors.

The exhibition demonstrates Dubai's forward-looking approach, where innovation is adopted as a pillar for achieving sustainable development, in support of the objectives of the Smart Self-Driving Transport Strategy.

We operate under an integrated approach that focuses on supporting research and development, attracting investments, and adopting the latest technologies to remain at the forefront of global transformations in the digital economy and artificial intelligence.

Our goal is to present the world with a model for autonomous mobility, reinforcing Dubai's status as a pioneer in sustainability and a living laboratory for the future."



UAE and Ruler of Dubai, we are working to make Dubai the world's most future-ready city, the best place to live and the fastest in adopting innovations that enhance quality of life."

His Highness added: "The Smart Self-Driving Transport Strategy is a key part of the Dubai Economic Agenda D33, which seeks to double the size of the emirate's economy and consolidate its global leadership across sectors. We have adopted an integrated approach that prioritises research and development, attracts investment, and embraces cutting-edge technologies to ensure Dubai remains at the forefront of global transformations, especially in the digital economy and emerging technology sectors such as artificial intelligence."

His Highness Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum said: "Our goal is to present the world with a model for autonomous mobility, reinforcing Dubai's status as a pioneer in sustainability and a living laboratory for the future."

His Highness, accompanied by His Highness Sheikh Ahmed bin Mohammed bin Rashid Al Maktoum, was briefed on the latest developments in launching the autonomous taxi service, where three leading global companies – Baidu Apollo Go, WeRide, and Pony.ai – have begun pilot operations of more than 60 self-

driving vehicles in Jumeirah and Umm Suqeim. The service is scheduled to be launched commercially without a driver in 2026. Their Highnesses listened to a briefing from His Excellency Mattar Al Tayer, Director General, Chairman of the Board of Executive Directors of Dubai's Roads and Transport Authority, on the unified visual identity to be applied to all self-driving vehicles operated by companies in Dubai under the name 'Dubai Future Ride'. These vehicles will offer passengers an exceptional experience through interactive entertainment screens powered by artificial intelligence. They were also briefed on the Dubai Self-Driving Transport Strategy 2025–2040, which aims to raise the proportion of trips made via autonomous mobility from the current 20.4% to 25% by 2030 and 36% by 2040.

The exhibition also demonstrated autonomous vehicles and buses, robotics and artificial intelligence technologies, and sustainable smart mobility solutions. Tensor unveiled its autonomous vehicles for the first time in the region, while Chinese company XPeng presented its autonomous passenger drone.

The event additionally featured the participation of five consortia and companies in the Dubai World Challenge for Self-Driving Transport.



...Ahmed bin Mohammed opens 4th Dubai World Congress for Self-Driving Transport

His Highness Sheikh Ahmed bin Mohammed bin Rashid Al Maktoum, Second Deputy Ruler of Dubai, also inaugurated the fourth edition of the Dubai World Congress for Self-Driving Transport, organised by RTA, in the presence of His Highness Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum, Crown Prince of Dubai, Deputy Prime Minister, Minister of Defence, and Chairman of the Executive Council of Dubai.

His Highness honoured the strategic partners and sponsors of the Dubai World Congress and Challenge for Self-Driving Transport, and witnessed the awarding of the winners of the 2025 Dubai World Challenge for Self-Driving Transport.

Upon arrival at the Dubai World Trade Centre, His Highness was received by His Excellency Mattar Al Tayer, Director General, Chairman of the Board of Executive Directors of Dubai's Roads and Transport Authority (RTA).

His Highness reviewed the model of the Dubai Autonomous Transport Zone, which will cover an area of approximately 15

square kilometres across three operational zones: Al Jaddaf Metro Station and Festival City, Dubai Creek Harbour. He was briefed on the Zone's objectives to establish an integrated area encompassing multiple modes of autonomous mobility, including the Dubai Metro, an autonomous bus, an autonomous logistics vehicle, an autonomous road-cleaning vehicle, a delivery robot, and an autonomous abra. The Zone will offer users a choice of transport options best suited to their needs in terms of speed, cost and convenience, spanning both land and marine mobility.

His Highness was also briefed on the Dubai Smart Self-Driving Transport Strategy 2025–2040, which aims to raise the proportion of trips made via autonomous transport.

His Highness Sheikh Ahmed bin Mohammed bin Rashid Al Maktoum, together with the attendees, watched a film on the Dubai World Congress for Self-Driving Transport, the first event of its kind in the Middle East and the region. The event is organised as part of RTA's efforts to support Dubai's Smart



Self-Driving Transport Strategy launched by His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, which aims to transform 25% of all trips in Dubai into smart, driverless journeys across various modes of transport by 2030.

Dubai Challenge

His Highness and the audience then watched a film on the Dubai World Challenge for Self-Driving Transport, which carries a prize pool of USD 3 million. Of this amount, USD 1.2 million was allocated to recognise the first and second place winners, while USD 1.8 million was designated to support the operation of the Dubai Autonomous Transport Zone. The fourth edition of the Challenge exceeded the targeted number of participation requests by 170%, with five local and international consortia and companies qualifying for the finals.

Honouring the Winners of the 4th Dubai Challenge 2025

WeRide and Deutsche Bahn Consortium Wins First Place in the Challenge, While Zelos Technology Secures Second Place
Three Companies to Begin Operating 60 Autonomous Vehicles in Jumeirah and Umm Suqeim

The film showcased trials conducted in four Chinese cities – Guangzhou, Xi'an, Guiyang, and Suzhou – focusing on three core operational challenges: demonstrating vehicle stabilisation with limited movement, 17 tests for land-based vehicles in mixed traffic conditions on public roads, and 6 tests for marine vehicles. Additional trials were carried out in controlled driving environments, comprising three tests for each land vehicle and seven tests for the marine vehicle.





Honouring the Winners

His Excellency Mattar Al Tayer, Director General, Chairman of the Board of Executive Directors of Dubai's Roads and Transport Authority (RTA), honoured the winners of the Dubai World Challenge for Self-Driving Transport. The consortium of WeRide and Deutsche Bahn won first place for a project that integrates an autonomous taxi with

an autonomous bus, receiving a prize of USD 900,000.

Second place went to Zelos Technology from Singapore for a project featuring a comprehensive self-driving transport solution. The project involved transporting heavy goods between warehouses and providing autonomous last-mile logistics for cargo delivery. The company received a prize of USD 300,000.



Harnessing Technologies

Sol Rashidi, the world's first Chief AI Officer and former executive of several leading technology companies in North America, delivered the keynote address at the Congress. In her speech, she highlighted the key lessons learned from the application of artificial intelligence across various sectors, outlining a framework that demonstrates use cases for AI technologies and ways to integrate them effectively into daily life. She emphasised how these applications contribute to enhancing services and improving quality of life, while also addressing the readiness of governments and cities to adopt such future technologies through strengthening digital infrastructure, updating legislation, and building human capacities capable of managing this technological revolution.

Sol underscored the importance of striking a balance between accelerating innovation and ensuring the responsible and ethical use of these technologies, to guarantee long-term benefits and strengthen public trust. She noted that the Dubai World Congress for Self-Driving Transport provides a unique opportunity to gain expert insights into the future of artificial intelligence and the challenges and opportunities it presents to governments, the private sector, and individuals alike.



The 4th Dubai World Congress for Self-Driving Transport, held on 24–25 September 2025 under the theme “Redefining Mobility: The Path to Autonomy”, reflected RTA’s commitment to advancing Dubai Government’s leadership role and expanding the use of self-driving transport technologies across all sectors and levels. This year’s edition of the Challenge featured a wide range of integrated modes of transport, bringing together multiple systems within a single network that enables passengers to seamlessly use these modes.

The Dubai World Congress for Self-Driving Transport has become a global platform bringing together leading local, regional, and international companies and institutions in the field. Building on the remarkable success of its three previous editions, the congress has convened a large number of technology experts, innovators, decision-makers, investors, and government officials from around the world under the umbrella of Dubai, the city of the future and the capital of ambition and creativity, to discuss and explore the latest developments and innovations in autonomous mobility.

The sessions addressed a wide range of critical topics shaping the future. These included: Steering the Future: Dubai’s Path to Autonomous Taxi Deployment; Robotaxi: Best Practices for Building Dubai’s Future

Smart Mobility; Smart Horizons: AI & Infrastructure Connectivity for the Cities of Tomorrow; Seamless Journeys – The Future of Multimodal Transport; Autonomous Transport: Lessons from 20 Years of Progress; The User Journey in Autonomous transport; AV Technology and AI : The Intersection Of Disruptive Innovations; and From Vision to Reality: How Manufacturers Will Achieve Full Autonomy.

The Future of Autonomous Logistics

The congress also addressed a range of topics related to the development of autonomous driving systems in cars. These included How Cars Are Learning to Drive – Paving the Way with Advanced Driving Assistance; Building Trust – How Governance Accelerates Confidence in Autonomous Transport; Beyond the Stadium – North America’s Vision for Seamless Mobility at the 2026 World Cup; and Integrating Nature and Technology in Smart City Transport Design. These themes were explored through sessions, workshops, and side events held alongside the congress. His Excellency His Excellency Mattar Al Tayer, Director General, Chairman of the Board of Executive Directors of Dubai’s Roads and Transport Authority (RTA), toured the exhibition held alongside the Dubai World Congress for Self-Driving Transport.

Abdulla Al Marri Visits SDT Exhibition

His Excellency Lieutenant General Abdulla Khalifa Al Marri, Commander-in-Chief of Dubai Police, visited the accompanying exhibition of the Dubai World Congress for Self-Driving Transport, which brought together 55 exhibitors representing leading companies. His Excellency toured the stands and reviewed the latest smart solutions and technologies showcased by participating companies, including electric and autonomous vehicle systems, innovative concepts for future public transport, autonomous passenger drones, as well as artificial intelligence applications and robotics supporting smart mobility systems.



High Turnout from School and University Students

The conference sessions and accompanying exhibition witnessed strong participation from secondary school and university students. They explored their peers’ projects and innovations, familiarised themselves with the smart solutions and technologies showcased across the exhibition stands, and benefited from the expertise shared by participating entities and distinguished speakers.



His Excellency Mattar Al Tayer, Director General, Chairman of the Board of Executive Directors of Dubai's Roads and Transport Authority (RTA) toured the exhibition held alongside the Dubai World Congress for Self-Driving Transport. The exhibition brought together 55 leading companies in autonomous mobility unveiling the latest technologies in autonomous vehicles and

buses, robotics, artificial intelligence, and sustainable smart transport solutions.

During his visit, Al Tayer was briefed at the Tensor stand on the first luxury autonomous vehicle designed for personal use. He also reviewed innovations such as drone-based delivery solutions, autonomous buses, and several other advanced technologies in self-driving transport.



Four agreements in the field of autonomous transport

At the conclusion of the Dubai World Congress for Self-Driving Transport, His Excellency Mattar Al Tayer, Director General, Chairman of the Board of Executive Directors of Dubai's Roads and Transport Authority (RTA), announced the 5th Dubai World Challenge for Self-Driving Transport 2027, dedicated to the theme of Smart Integrated Infrastructure. In this edition, companies will compete to design systems and

infrastructure that utilise digital technologies such as sensors, internet connectivity, and data analytics to enhance the efficiency and effectiveness of urban and public services. The infrastructure must integrate core components seamlessly, prioritise sustainability to achieve efficiency and reduce environmental impact, and leverage smart data usage and analytics to improve overall performance.



During the Congress, RTA signed four agreements with Emaar Properties, Al-Futtaim Group, and the winners of the 2025 Dubai World Challenge for Self-Driving Transport: the consortium of WeRide and Deutsche Bahn, and Zelos Technology. The agreements aim to showcase and test autonomous transport technologies.

His Excellency Mattar Al Tayer, Director General, Chairman of the Board of Executive Directors of Dubai's Roads and Transport Authority (RTA), His Excellency Mohamed Ali Alabbar, Founder of Emaar and Noon and Chairman of Eagle Hills, and His



Excellency Omar Abdullah Al Futtaim, Vice Chairman and CEO of Al-Futtaim Real Estate Group, witnessed the signing of two agreements between RTA and Emaar Properties and Al-Futtaim Group to establish the Dubai Autonomous Transport Zone at Festival City and Dubai Creek Harbour.

The agreements were signed on behalf of RTA by Mr Ahmed Bahrozian, CEO of Public Transport Agency; on behalf of Emaar Properties by Ahmed Thani Al Matrooshi, Executive Director of Emaar; and on behalf of Al Futtaim Real Estate Group by Naaman Attallah, President of the Group.



His Excellency Mattar Al Tayer, along with Dr Tony Xu Han, Founder, Chairman and Chief Executive Officer of WeRide, and Mr Kong Qi, Co-Founder and Chief Executive Officer of Zelos Technology, witnessed the signing of two further agreements with the consortium of WeRide and Deutsche Bahn, winner of first place in the Dubai World Challenge for Self-Driving Transport, as well as Zelos Technology, which secured second place. The agreements provide for the sharing of expertise, the exploration of opportunities



to showcase and test autonomous driving technologies in Dubai, and the development of innovative solutions in smart and sustainable mobility.

The agreements were signed on behalf of RTA by Mr Ahmed Bahrozian, CEO of Public Transport Agency; on behalf of the WeRide-Deutsche Bahn consortium by Ms. Jennifer Li, CFO and Head of International Affairs at WeRide; and on behalf of Zelos Technology by Mr. Wang Yongbo, UAE General Manager, Zelos Technology.

Autonomous Mobility: A Real Opportunity to Rethink How Cities Function and Economies Grow

Over 3,000 participants from around the world and over 80 speakers, including senior officials, researchers, experts, and developers of advanced technologies in autonomous mobility, took part in the two-day Congress. Through diverse sessions and activities, they shared their experiences and expertise for the benefit of all.

Among the keynote speakers at the Congress were His Excellency Saeed Al Tayer, Managing Director and CEO of Dubai Electricity and Water Authority (DEWA); Ms. Sol Rashidi, the world's first Chief AI Officer and former executive of several leading technology companies in North America, who addressed the opening session; Dr. Steven Shladover, international expert in autonomous transport technologies who has led multiple projects for over 40 years at the University of California, Berkeley; Mr. Augustin Friedel, Partner at MHP, a Porsche company, specialising in data analytics, autonomous driving software, and mobility services; and Mr. Daan Roosegaarde, innovator and founder of Studio Roosegaarde, an international lecturer and member of NASA's innovation team.

50 Exhibitors

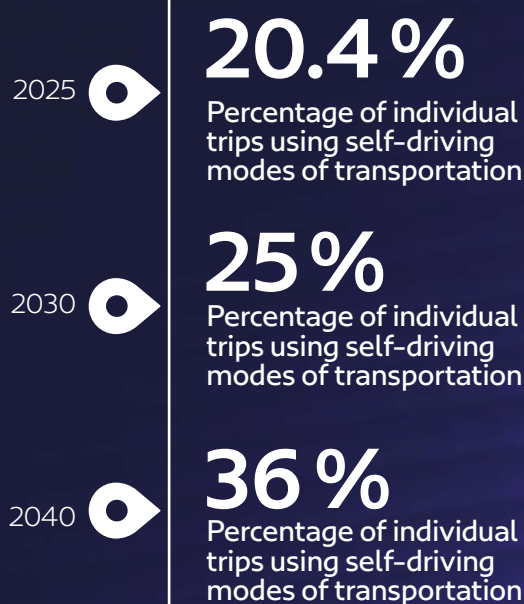
The accompanying exhibition featured the participation of many leading companies, including Baidu Apollo International Limited, DEWA, United Motors and Heavy Equipment, Elite Group – Jetour, Space 42, Pony.ai, Tensor, Uber, and several other global leaders. These companies showcased the latest technologies in sustainable smart mobility, and visitors were given the opportunity to explore autonomous vehicles scheduled to be in operation in 2026.

■ The event attracted over 3,000 participants from around the world

■ More than 80 senior officials, researchers, experts, and technology developers in autonomous mobility

Dubai Self-Driving Transport Strategy 2025 2040

Key Targets



43 Projects supporting 12 modes of transportation



Saeed Al Tayer: Dubai Committed to Innovation, Sustainability, and Expanding the Use of Autonomous Mobility Technologies

His Excellency Saeed Mohammed Al Tayer, Managing Director and CEO of Dubai Electricity and Water Authority (DEWA), affirmed that the organisation of the Dubai World Congress for Self-Driving Transport 2025 reflects the insightful vision 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, Deputy Prime Minister, Minister of Defence, and Chairman of the Executive Council of Dubai. He noted that their vision underscores Dubai's commitment to innovation, sustainability, and forward thinking, through the expansion of autonomous mobility technologies across all levels and sectors.

His Excellency said: "Dubai has embraced an ambitious mission to transform 25% of all trips in Dubai into smart, driverless journeys by 2030. This is not merely a target but a noble mission that reaffirms Dubai's determination to lead the Fourth Industrial Revolution and to build a smart, sustainable, efficient, and integrated city. The evolution of mobility is not confined to electric or autonomous vehicles, but extends to the integration of clean energy, digital innovation, and artificial intelligence in every



aspect of urban life. DEWA's mission is to develop the infrastructure and technologies necessary to make smart mobility not only feasible but practical and impactful."

These remarks were delivered in his keynote address under the theme "Redefining Mobility: The Path to Autonomy", with DEWA participating as a Strategic Partner of the Congress.

His Excellency further highlighted that by mid-2025, DEWA had delivered over 42,000 megawatt hours of electricity for charging electric vehicles. The number of EVs in the emirate has exceeded 41,000, reflecting a remarkable increase in adoption since 2015. The number of registered users in DEWA's Green Charger initiative for electric vehicles rose from 14 in 2015 to over 19,000 by the end of July 2025.

Abdullah Al Khalifa: Building Ecosystems for Smarter, Greener Transport

His Excellency Dr. Sheikh Abdullah bin Ahmed Al Khalifa, Minister of Transportation and Telecommunications, Bahrain, delivered a keynote address at the Dubai World Congress for Self-Driving Transport 2025 entitled "Building Ecosystems for Smarter, Greener Transport." He noted that Congress represents a unique platform for the world to explore new horizons, envision pathways of innovation, and shape a more sustainable future for mobility.

His Excellency noted that autonomous transport is not merely a technological advancement, but a genuine opportunity to rethink how cities operate, how economies grow, and how societies contribute to reducing the environmental footprint. He stressed that the future we



aspire to is based on an integrated ecosystem founded on flexible policies, advanced technologies, sustainable investment, and close cooperation among all stakeholders, ensuring responsible and safe innovation.

Dubai's Journey in Expanding Autonomous Taxi Services



A session titled “Steering the Future: Dubai’s Path to Autonomous Taxi Deployment” was moderated by Dr Ismail Zohdy, Autonomous Mobility Expert at RTA. The discussion addressed the importance of tracking progress in the application of artificial intelligence, enhancing the operational efficiency of autonomous taxis, achieving the highest levels of customer satisfaction, and facilitating public-private partnerships to accelerate the adoption of autonomous mobility.

Dr. Hua Zhong, Senior Vice President of Engineering, WeRide, a global leader in autonomous driving technologies, stated that international conferences and forums provide a valuable opportunity to exchange knowledge and expertise, while also raising awareness of the critical role of software in autonomous vehicles.

Ammar Albreiki, Chief Operating Officer of Dubai Taxi Company (DTC), stressed the need to build public trust by informing customers that these vehicles undergo highly rigorous manufacturing and maintenance processes based on systematic risk assessment and mitigation.

Ann Shi, Vice President of Pony.ai, a specialist in reliable autonomous driving technologies, highlighted the importance of customer centricity, continuously upgrading platforms that serve users, and scaling through companies with strong reputations in autonomous taxi manufacturing.

Mohamed Jardaneh, Head of Autonomous Mobility, ME, Uber, spoke about the remarkable successes the company achieved in the UAE and how its platform-based technologies have provided passengers and cargo clients with a more flexible and faster service.

Benefits of the strategy from economic, social, and environmental perspectives

1.



9.2

Billion Dirham

Value of contribution to GDP by 2040

4.



13%

Increase public transportation efficiency by 2040

2.



24

Thousand

Jobs to be created in Dubai by 2040

5.



25%

Improve road safety by 2040

3.



463

Million kilograms of CO₂

Amount of reduction in carbon dioxide emissions by 2040

6.



18%

Reduce pollution by 2040

Artificial Intelligence and the Interconnected Infrastructure of Future Cities

Participants in the session ‘Smart Cities Smart Horizons: AI & Infrastructure Connectivity for the Cities of Tomorrow’, held on the first day of the Congress, agreed on several key points regarding the role of AI in advancing the infrastructure of smart cities. These cities of the future will largely rely on intelligent, self-driving mobility systems for their residents.

The session featured Mr Scott Nash, Senior Director at Verizon; Mr Andres Castrillon, Senior Director for



Government Affairs at Qualcomm; Dr Georges Aoude, CEO and Co-Founder of Derq Inc.; and Mr Max Clark, CTO at Parsons. The discussion was moderated by Mr Steve Bell, Chief Analyst at Omdia.

Future of Linking Multimodal Transport Systems

The session titled Seamless Journeys – The Future of Multimodal Transport explored how journeys powered by autonomous mobility—on land, at sea, and in the air—can become seamless, safe, and reliable, as well as the global efforts by leading companies, studies, and research to achieve this goal. The discussion was moderated by Mr Alexander Nase, Managing Director of FEV Consulting, a firm specialising in technical knowledge consultancy.

Mr Sebastian Lasek, Senior Vice President for Mobility Systems at Volkswagen, highlighted the importance of testing, commercial alignment, and the integration of innovation and creative concepts to meet the rising demand for autonomous trucks and vehicles, while ensuring platforms are tailored to the requirements of each city.

Mr Ken Xie, Global Market Director, Orcaboat & Orca-



APAS, discussed the global trend towards autonomous marine transport, the safeguards required, and how such solutions can ensure passenger and cargo safety.

Mr Anthony El-Khoury, UAE General Manager, Joby Aviation, contributed insights on the future of autonomous passenger aircraft, noting their potential to serve urban mobility needs by transporting individuals from homes to various city destinations.

Steven Shladover: Current Autonomous Mobility Technologies and Systems Are the Result of 85 Years of Efforts

Dr Steven Shladover, international expert in autonomous mobility technologies, noted that today’s advancements in autonomous transport systems and technologies are the outcome of nearly 80 years of sustained efforts and initiatives by experts and researchers across the world, particularly in the United States, Japan, and several European countries.

In his closing keynote address of the 4th Dubai World Congress for Self-Driving Transport 2025, titled Autonomous Transport: Lessons from 20 Years of Progress, Dr Shladover stated that extensive efforts towards the



automation of driving systems began in the 1950s, 1960s, and 1970s. These developments saw major advances in the 1990s with the introduction of flight simulation, control centres, and major technical breakthroughs.

UAE Regulators Instil Confidence in Specialists



Two experts participating in the second day of the 4th Dubai World Congress for Self-Driving Transport 2025 affirmed that regulatory and legislative authorities in the UAE are working extensively to instil confidence among specialists in green autonomous logistics, to expand its application, and to ensure the continuous development of the supporting infrastructure.

Dr Xuchen Zhang, Co-Founder of Zelos, and Paul Newman, Co-Founder and CTO of Oxa, noted during a panel discussion titled 'The Future of Autonomous Logistics', moderated by Andy Gill, Founder and COO, Simulytic, that the use of autonomous logistics is expected to expand in the future, thereby enhancing the efficiency of transport operations.

Paving The Way With Advanced Driving Assistance

A session titled 'How Cars Are Learning to Drive - Paving The Way With Advanced Driving Assistance' discussed how autonomous vehicles can become more effective and safer, while reducing traffic burdens on individuals. The session was moderated by Barbara Cardilli, Founder & CEO of LABCARDI, who posed questions to the panellists on the capabilities of autonomous robots in navigation, their role in delivery operations, and the importance of programming for precise control and management.

Hossam Yahia, CEO of Bright Drive, highlighted the development of autonomous systems in buses and trucks, demonstrating his company's efforts in the field. He explained: "We provide the specialised software used in autonomous vehicles, and equip buses with sensors to advance Level 1 autonomous driving systems."

Salman Moghimi, CEO of Peyk, underscored the success of partnerships in delivery operations, stating: "We have



achieved notable success in this domain, with autonomous robots now being manufactured for delivery services. We also possess extensive knowledge and data on robot guidance and signalling, which is continuously enhanced through the development of shareable software."

Amy Luca, Chief Marketing Officer at Tensor, shared her company's pioneering experience in developing self-driving vehicles for personal use. She marked the importance of promoting their adoption globally, while ensuring safety, noting: "These vehicles will have a major and vital market in the future."

Congress Figures

2019 – 2023

4th Edition – 2025

Number of Exhibitors

97



Number of Exhibitors

+50

Number of Speakers

147



Number of Speakers

+80

Number of Days

6



Number of Days

2

Lectures / Seminars / Workshops

120



Lectures / Seminars / Workshops

+45

Number of Attendees / Participants

7,100



Number of Attendees / Participants

+4000

Building Trust: How Governance Accelerates Trust In Autonomous Transport

Aravind Kailas, Advanced Technology Policy Director at Volvo Group, stated during a panel discussion titled “Building Trust: How Governance Accelerates Trust in Autonomous Transport”, moderated by Joseph Salem from ADL, that robust infrastructure and safety are fundamental to strengthening public confidence in autonomous transport amid the sector’s rapid growth. He stressed that these two elements, infrastructure and safety, are essential in building trust, particularly among end consumers.

Tim Dawkins, Head of Safety & Security at Einride, commended RTA’s enthusiasm in adopting modern technologies in autonomous transport and the achievements it has realised in record time. He stated that these accomplishments have made Dubai a magnet for experts, specialists, and leading global companies in autonomous transport technologies, establishing



the city as a global hub and a trusted destination for companies and institutions engaged in this sector worldwide.

Dr Ahmed Abbadi, an expert at Addas, underscored the importance of two critical pillars: ensuring the functional safety of autonomous mobility equipment and technologies, and safeguarding cybersecurity in this field. He highlighted the need to conduct extensive and diverse trials before the actual launch of the service, taking into account weather conditions and the nature of roads and streets in each city.

How are vehicle manufacturers driving the autonomous mobility revolution?

Augustin Friedel, Associated Partner at MHP – A Porsche Company, began by commending RTA’s initiatives in autonomous mobility, which support Dubai’s vision to transform 25% of all trips in Dubai into smart, driverless journeys by 2030. He highlighted RTA’s ambitious plans and its commitment to adopting the latest technologies in the field through continuous collaboration with global manufacturers, particularly Chinese companies that hold a strong presence in the Middle Eastern and European markets.

Friedel further praised the capabilities of autonomous vehicle manufacturers across diverse brands and countries. He underlined the need to expand and diversify investment,



especially in autonomous fleets and fleet management, at a time when the sector is advancing at an unprecedented pace. He noted that this rapid progress is fuelled by innovation and talent driven by ambition and a clear vision for the future, to deliver world-class excellence.

Success of major events is tied to the legacy they leave in infrastructure

Experts and officials participating in the sessions of the 4th Dubai World Congress for Self-Driving Transport 2025 underscored that the success of major international events, particularly sporting ones, held around the world is not only measured by the accolades they bring. Rather, it is equally tied to the efforts made beyond the venues, ensuring a seamless and convenient mobility experience across the host locations. This was highlighted during a panel discussion titled “Beyond the Stadium: North America’s Vision for Seamless 2026 World Cup Mobility.” The session featured Ms Tanya Cole, Minister Counselor for Commercial Affairs at the U.S. Embassy in Abu



Dhabi; Ana Sofia Jiménez, Economic and Trade Attaché at the Embassy of Mexico in the UAE; Scott Blair, Editor-in-Chief, Engineering News-Record magazine; and Tony Tavares, Executive Director of the Alameda County Transportation Commission. The session was moderated by Sam Hassoun, Founder & CEO, Global Leadership Alliance (GLA).

The exhibition halls host workshops, scientific seminars, and specialised panel discussions

The exhibition halls hosted a series of workshops, seminars, and presentations that explored innovative ideas and international best practices in autonomous mobility. Led by experts, specialists and innovators, the sessions drew wide interest and strong participation from delegates attending the conference and exhibition.

Among the workshops, seminars, and presentations organised during the two days of the Congress were: "Building Autonomous Driving Ability: Lessons from Grand Prix Racing," "User-Centric Design: Enhancing the Passenger Experience in Multimodal Transport," and a panel discussion on "The Future of Autonomous

Logistics," with the participation of leaders from RTA, and organised by the RTA Youth Council.

The sessions also included panel discussions, seminars, and workshops on "AV Technology and AI: The Intersection Of Disruptive Innovations," "How Will Manufacturers Achieve Full Autonomy?," "Smart Horizons: AI & Infrastructure Connectivity For The Cities Of Tomorrow," and discussions on how artificial intelligence contributes to developing smarter, more responsive infrastructure to address the challenges of urban mobility. The sessions featured practical models from global projects implemented in several advanced cities.



Dubai Metro Marks 16 Years of Leadership in Sustainable Mobility and Operational Excellence

It has been sixteen years since the launch of the Dubai Metro, inaugurated by His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President, Prime Minister and Ruler of Dubai, on 9 September 2009. This strategic project has played a pivotal role in connecting Dubai's key districts, providing residents and visitors with seamless and sustainable mobility, while meeting the demands of Dubai's rapid population and urban growth.

Throughout its journey, Dubai Metro has set benchmarks in sustainable mobility, efficiency, and operational excellence. It has consistently maintained remarkable punctuality and applied the highest international safety standards, recording steady growth in ridership. Today, it is the preferred mode of transport for a large proportion of residents and visitors alike, achieving a daily average of approximately 730,000 riders and a punctuality rate of 99.70%. These results have exceeded targets in applying the highest global safety standards and achieving world-class operational efficiency.

From its inauguration on 9 September 2009 until the end of 2024, the Dubai Metro has served more than 2.527 billion riders, with an average of 900,000 riders per day in 2024. Ridership has witnessed sustained growth since the system's early years, increasing from 38.887 million riders in 2010 to 69 million in 2011 – a growth rate of 77%. Numbers continued to rise, reaching more than 109 million riders in 2012, more than 200 million in 2017, more than 260 million in 2023, and 275.4 million in 2024.

In the first half of 2025, Dubai Metro, across its Red and

Green lines, recorded approximately 143.9 million riders. BurJuman and Al Rigga stations accounted for the highest passenger numbers, with BurJuman Station (serving both the Red and Green lines) registering 8.6 million riders, followed by Al Rigga Station with 6.8 million riders, and Union Station (Red and Green lines) with 6.6 million riders. On the Red Line, Mall of the Emirates Station recorded the highest number of riders after Al Rigga, with a total of 5.6 million riders, followed by Burj Khalifa/Dubai Mall Station with 5.4 million riders, and Business Bay Station with 5.3 million riders. On the Green Line, Sharaf DG Station ranked first with 5.1 million riders, followed by Baniyas Station with 4.1 million riders, and Stadium Station with approximately 3.6 million riders.

According to studies, Dubai Metro ridership is expected to surpass 300 million riders in 2026 and reach 320 million riders by 2031. The service began in 2009 with 10 stations, which expanded to 26 stations in 2010, and then to 46 stations in 2011. With the opening of Route 2020, seven additional stations were added, bringing the total to 53 operational stations. With the opening of the Blue Line, a

Project Timeline

His Highness Sheikh Mohammed bin Rashid Al Maktoum approved Dubai Metro Blue Line project in November 2023

Designs were completed

The contract was awarded to a consortium of Turkish and Chinese companies in December 2024

2023

2024



further 14 stations will be added, raising the total to 67 by September 2029.

Growth in Train Numbers

The number of trains increased from 16 at the Metro's inauguration in 2009 to 44 in 2010, reaching 79 in 2011. With the launch of Dubai Tram in 2014, the fleet grew to 90 trains, and expanded further to 140 in 2021. With the opening of the Blue Line, the total fleet will reach 157 trains.

Positive Indicators

Dubai Metro continues to show positive growth in ridership, affirming the success and effectiveness of the substantial investments made by the Government of Dubai in developing public transport infrastructure. These

investments have supported Dubai's development journey, boosted economic activity and tourism, and enhanced the emirate's global competitiveness in attracting and hosting major international events, exhibitions, conferences, and meetings.

Route 2020

On 29 June 2016, His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President, Prime Minister and Ruler of Dubai, approved the awarding of the Route 2020 project contract to extend the Dubai Metro Red Line from Jebel Ali Station to the Expo 2020 site. The contract, valued at AED 10.6 billion, was awarded to the Expolink Consortium, which included French, Spanish, and Turkish companies.

His Highness Sheikh Mohammed bin Rashid Al Maktoum attended ground breaking ceremony in June 2025 to mark the start of construction works

Main construction works commenced and will be completed

System integration and testing will take place

The Blue Line will be officially inaugurated, coinciding with the 20th anniversary of the launch of Dubai's first Metro

2025

2025
2028

2028
2029

9
September
2029



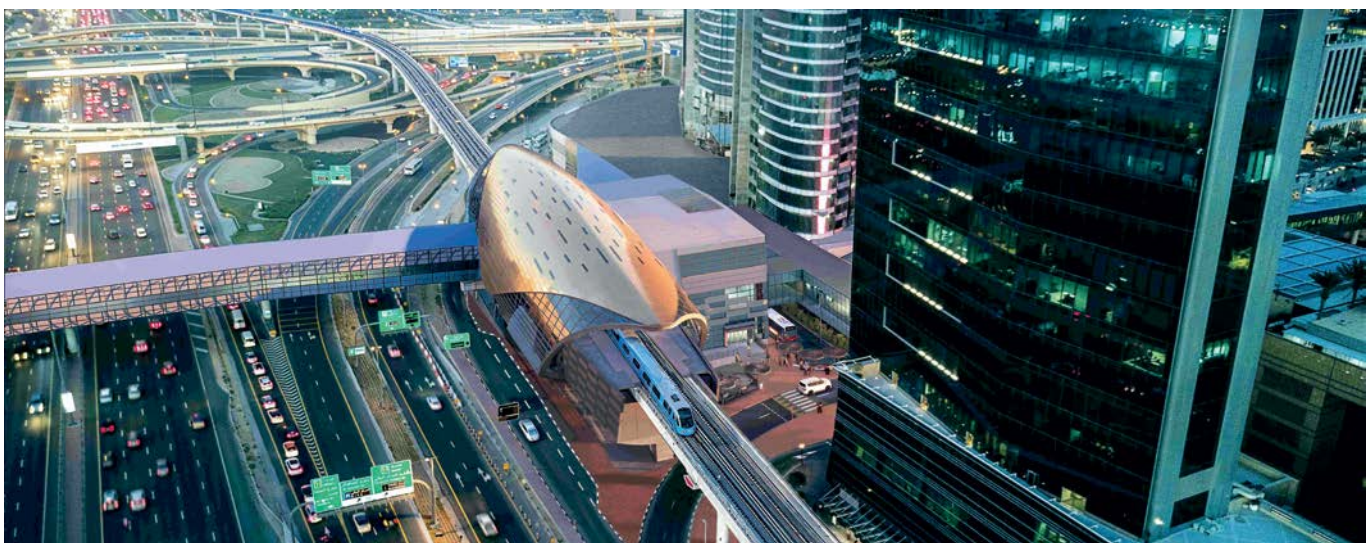
On 5 September of the same year, His Highness Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum, Crown Prince of Dubai, Deputy Prime Minister, Minister of Defence, and Chairman of the Executive Council of Dubai, laid the foundation stone for the Route 2020 project, marking the commencement of construction works. On 8 July 2020, His Highness Sheikh Mohammed bin Rashid Al Maktoum officially inaugurated the operation of the route.

Blue Line

As part of RTA's efforts to develop the public transport system, His Highness Sheikh Mohammed bin Rashid Al Maktoum approved, on 23 November 2023, the route of the Dubai Metro Blue Line, spanning 30 km and comprising a total

of 14 stations. The overall cost of the project amounts to AED 20.5 billion. In December 2024, the construction contract was awarded to a Turkish–Chinese consortium comprising Mapa and Limak from Turkey, and CRRC from China. The line will serve vital districts expected to house around one million residents in line with the Dubai Urban Plan 2040.

The Blue Line is the fifth strategic public transport project, following the Dubai Metro Red and Green lines, Dubai Tram, and Route 2020. It stands as one of the largest upcoming strategic projects in the transport sector and contributes to the objectives of Dubai's Economic Agenda D33 and the Dubai Urban Plan 2040, aimed at positioning Dubai as the best city in the world to live in, while reinforcing its global competitiveness as





a premier destination for international events.

The Blue Line boasts several distinctive features. It will include the first-ever Dubai Metro bridge crossing Dubai Creek, stretching 1,300 metres; and two iconic stations – the first at Dubai Creek Harbour and the second at Dubai Silicon Oasis (the fifth urban centre) – both designed by the world-renowned firm Skidmore, Owings & Merrill (SOM) with their unique architectural style. The line will also feature the Metro network’s largest underground interchange station, with an area exceeding 44,000 square metres and a capacity of approximately 350,000 passengers per day. Moreover, it will be the first transport project fully compliant with green building standards at the Platinum level.



Key Milestones in the Journey of Dubai Metro

21
March
2006

His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President, Prime Minister and Ruler of Dubai, inaugurated the construction works of the Dubai Metro project at an official ceremony held in Madinat Jumeirah, Dubai.

29
July
2006

Workers cast the first concrete pillar of the elevated Metro viaduct between the 6th and 7th interchanges on Sheikh Zayed Road.

10
January
2007

His Highness Sheikh Mohammed bin Rashid Al Maktoum launched the main tunnelling works of the Dubai Metro project, commencing excavation from Union Station towards Dubai Creek and on to Burjuman Station.

20
September
2008

His Highness Sheikh Mohammed bin Rashid Al Maktoum inaugurated the trial technical operation of Dubai Metro on the test track.

9
September
2009

His Highness Sheikh Mohammed bin Rashid Al Maktoum signalled the official opening of the Red Line, which commenced operations with ten stations.

9
September
2011

His Highness Sheikh Mohammed bin Rashid Al Maktoum inaugurated the official operation of the Green Line.

29
June
2016

His Highness Sheikh Mohammed bin Rashid Al Maktoum approved the awarding of the Route 2020 contract to extend the Dubai Metro Red Line.

5
September
2016

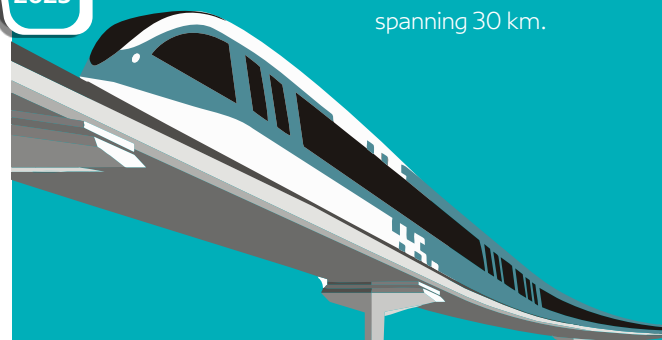
His Highness Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum laid the foundation stone for the Route 2020 project.

8
July
2020

His Highness Sheikh Mohammed bin Rashid Al Maktoum signalled the official opening of Dubai Metro’s Route 2020.

23
November
2023

His Highness Sheikh Mohammed bin Rashid Al Maktoum approved the Dubai Metro Blue Line route, spanning 30 km.



Al Tayer Discusses Enhancing Public Transport with Swedish Minister Benjamin Dousa

His Excellency Mattar Al Tayer, Director General, Chairman of the Board of Executive Directors of Dubai's Roads and Transport Authority (RTA), received His Excellency Benjamin Dousa, Minister for International Development Cooperation and Foreign Trade of Sweden.

The discussions focused on strengthening cooperation and sharing best practices in advancing public transport, deploying autonomous vehicles, and Sweden's strategy to achieve net-zero emissions in public transport by 2050. Talks also addressed three main pillars: public transport systems, associated buildings and facilities, and waste

management—aimed at reducing climate impact and lowering the carbon footprint across all activities through clearly defined environmental sustainability strategies. Several RTA officials and members of the Swedish Minister's accompanying delegation attended the meeting.



... and Explores Cooperation in Sustainable Transport with Nissan and Infiniti Executives

His Excellency Mattar Al Tayer, Director General, Chairman of the Board of Executive Directors of Dubai's Roads and Transport Authority (RTA), received Mr Thierry Sabbagh, Divisional Vice President, President of Nissan and Infiniti in the Middle East, the Kingdom of Saudi Arabia, and the CIS countries.

The meeting discussed strengthening cooperation in the field of sustainable transport and reviewed RTA's strategy to transition towards sustainable public transport means with net-zero emissions in Dubai by 2050, alongside its efforts to convert

taxis and limousines to electric and hydrogen-powered vehicles.

The meeting, which was attended by several officials from both RTA and the company, also addressed Nissan's plans for the production of electric vehicles.

... and Explores Partnership with AECOM to Enhance Road and Rail Infrastructure

His Excellency Mattar Al Tayer, Director General, Chairman of the Board of Executive Directors of Dubai's Roads and Transport Authority (RTA) received Ms. Lara Poloni, President of AECOM, a global leader in consulting, engineering, and infrastructure services, in the presence of Mr. Hamed Zaghw, Chief Executive of AECOM for the Middle East and Africa.

The meeting discussed strengthening partnerships in the fields of road and rail infrastructure, smart mobility, and fostering cooperation, integration of efforts, and exchange of expertise, particularly in advanced technology and

innovation. The discussions also reviewed RTA's future projects.

Several RTA officials and AECOM representatives also joined the meeting.



Building Six New Pedestrian and Cyclist Bridges Across Major Dubai Roads

Dubai's Roads and Transport Authority (RTA) completed two pedestrian bridges on Sheikh Rashid Street and Al Mina Street as part of Al Shindagha Corridor Improvement Project. RTA also constructed six pedestrian and cyclist bridges across key streets in Dubai. Five of these bridges are scheduled to open before the end of this year, with the sixth set for completion in the first quarter of 2027. In addition, RTA set out plans to construct 23 further bridges by the end of 2030.

His Excellency Mattar Al Tayer, Director General, Chairman of the Board of Executive Directors of Dubai's Roads and Transport Authority, said: "RTA's drive to deliver pedestrian bridges reflects the directives of the leadership to enhance road safety, provide a safe and sustainable mobility environment for all road users, and transform Dubai into a pedestrian and cyclist-friendly city. It also supports the city's quality of life agenda."

"The pedestrian bridges already in place, together with those planned, form a network linking residential areas across Dubai with key attractions, thereby encouraging

residents to adopt sustainable individual mobility means for the first and last-mile journeys. The number of pedestrian bridges and underpasses grew from 26 in 2006 to 177 by the end of 2024, marking an increase of 581%. Under the current plan, RTA will construct 23 additional pedestrian bridges by 2030, with implementation guided by detailed field studies. These studies take into account population density, integration with land uses, tourism and economic attractions, and public transport stations to enhance traffic flow and facilitate safe pedestrian and cyclist movement across the city's streets."





Pedestrian Trips

Al Tayer added: “RTA’s efforts in enhancing road safety and integrating infrastructure have contributed to a decline in pedestrian fatalities and accidents, from 9.5 deaths per 100,000 people in 2007 to 0.3 deaths in 2024, a reduction of 97%. RTA’s efforts in developing pedestrian crossings have also raised pedestrian satisfaction levels in Dubai to 88%, while pedestrian trips have increased from 307 million in 2023 to 326 million in 2024, a growth of 6%. In addition, cycling trips have risen from 44 million in 2023 to 46.6 million in 2024, reflecting a 5% increase.”

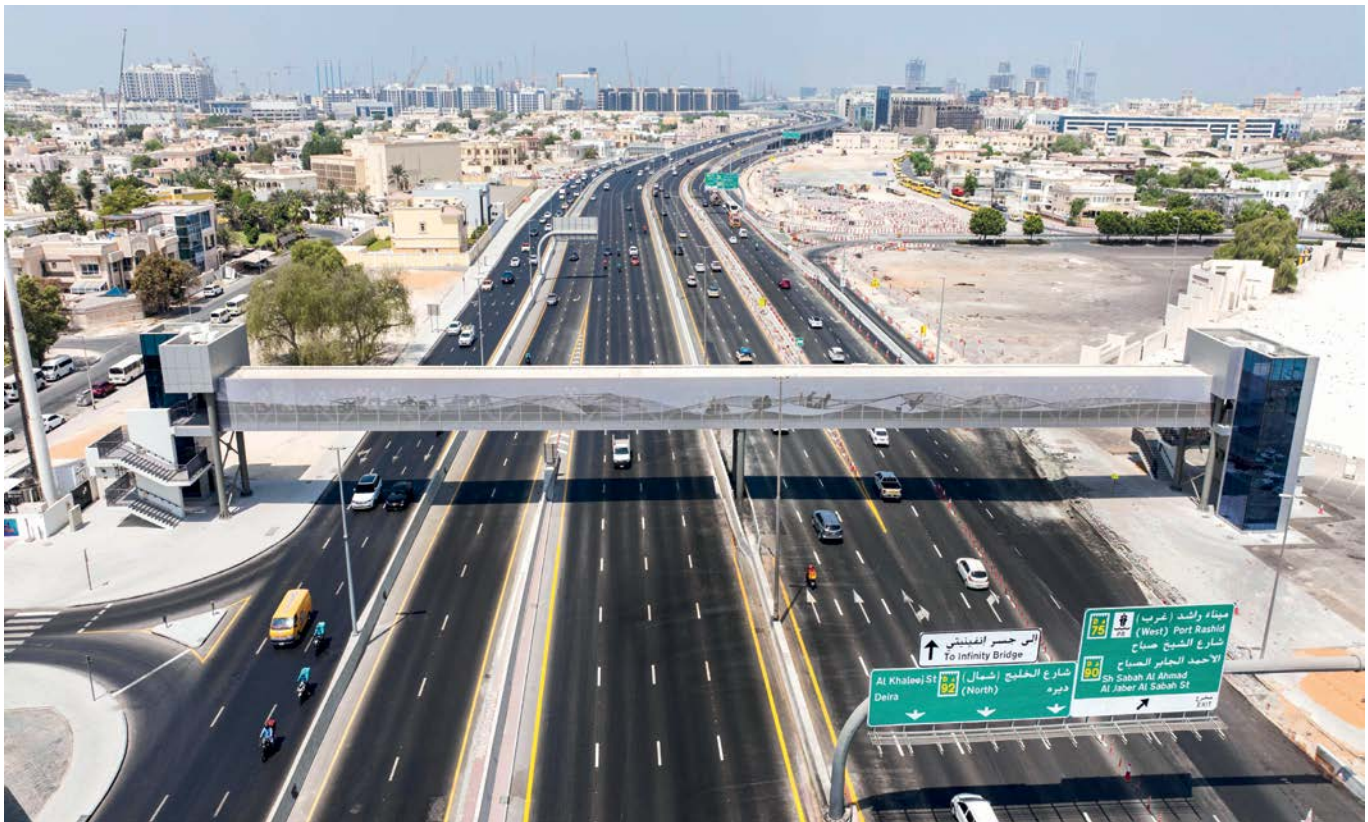
Zero Fatalities

Al Tayer continued: “RTA places the highest priority on pedestrian safety as one of the core elements of a safe and sustainable transport system in Dubai. The construction of pedestrian and cyclist bridges is in line with Dubai’s Traffic Safety Strategy, which aims to achieve Zero Fatalities and position Dubai among the world’s leading cities in

road safety. RTA continues to construct more pedestrian bridges in line with the highest international standards of design and construction, while also incorporating creative and aesthetic elements. These bridges are equipped with the latest global systems, including electromechanical systems, fire alarm and firefighting systems, remote monitoring, and other safety and security requirements. Some bridges are also fitted with dedicated paths and bike racks.”

Completed Bridges

The two completed pedestrian bridges on Sheikh Rashid Street and Al Mina Street are part of Al Shindagha Corridor Improvement Project. The bridge on Sheikh Rashid Street measures 91 metres in length, 3.4 metres in width, and 6.5 metres in height, while the bridge on Al Mina Street measures 109 metres in length, 3.4 metres in width, and 6.5 metres in height. Both bridges are equipped with lifts, staircases, and electromechanical system rooms housing



fire alarm and firefighting systems, together with remote monitoring systems.

Bridges Under Construction

RTA constructed six pedestrian bridges, five of which are nearing completion and scheduled to open before the end of this year. The pedestrian and cyclist bridges under construction on Sheikh Zayed Road and Al Khail Road create a strategic link for pedestrians, cyclists, and e-scooter users, connecting Al Sufouh and Dubai Hills through Dubai Internet City, Al Barsha Heights, and Al Barsha 3.

The two bridges were distinguished by architectural designs inspired by their surroundings. The bridge spanning Sheikh Zayed Road symbolises connectivity through interwoven lines, with its open structural form offering wide views of the surrounding area and towers. The bridge over Al Khail Road draws inspiration from lines of light created by the sun's rays, producing a fluid path that gives pedestrians and cyclists a sense of tranquillity away from street noise. Its design also takes into account the sun's trajectory, integrating its radiance into the structure.

The pedestrian and cyclist bridge on Sheikh Zayed Road

extends 528 metres, while the bridge over Al Khail Road measures 501 metres. Each bridge is five metres wide, with a three-metre track for cyclists and e-scooter users and a two-metre path for pedestrians.

The third bridge is located on Al Manara Street in Al Quoz Creative Zone, providing smooth movement for pedestrians and cyclists within the area and its nearby attractions. Its design features aesthetic elements that complement the architectural identity and character of the district. The bridge measures 45 metres in length, 5.5 metres in width, and six metres in height from the asphalt level, and includes two ramps on either side, each extending 210 metres.

Large Bridges

The fourth and fifth bridges, both scheduled to open before the end of this year, were major pedestrian and cyclist crossings featuring simple yet functional designs.

The fourth bridge is located on Sheikh Mohammed bin Zayed Road at its intersection with Tunis Street – Al Nahda, linking Muhaisnah 1 with Al Twar and extending towards Al Mamzar Beach. It measures 554 metres in length,

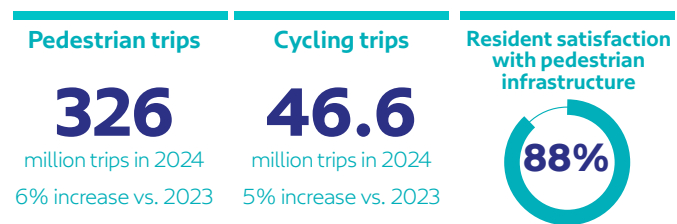
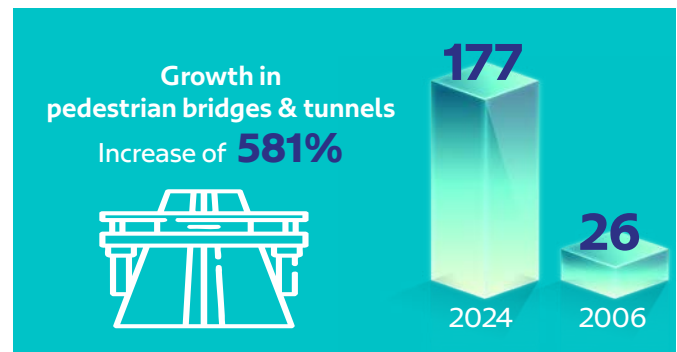


5.6 metres in width, and rises 12.5 metres above Sheikh Mohammed bin Zayed Road.

The fifth bridge was situated on the Dubai–Al Ain Road, connecting Wadi Al Safa 4 (Liwan) with Nadd Hessa (Dubai Silicon Oasis). It spans 730 metres in length, 5.6 metres in width, and stands 7.8 metres above the Dubai–Al Ain Road. The sixth pedestrian bridge is under construction as part of the Future Street Improvement Project on Al Sukook Street. Its design harmonised with the urban fabric of Dubai’s Central Business District. The bridge measures 44 metres in length, 4.6 metres in width, and 6.5 metres in height, and is equipped with lifts, staircases, and an electromechanical system room. Completion was expected in the first quarter of 2027.

Nine Bridges

RTA set out plans to begin the construction of nine additional pedestrian bridges by the end of 2028. The programme includes a bridge near Coca-Cola Arena, another in Business Bay, and a third on Sheikh Zayed Road close to Burj Khalifa area. It also covered six bridges on Al Asayel Street.



Developing 103 km of Internal Roads Across Eight Residential and Industrial Areas

Dubai's Roads and Transport Authority (RTA) completed internal road works in Al Khawaneej 2 (Tolerance District) and Jebel Ali Industrial Area 1 and is currently carrying out internal road works in six residential areas including: Nad Al Sheba 1, 3 and 4, Al Awir 1, Wadi Al Amardi, and Al Warqa'a. The total length of roads across the eight areas is 103 kilometres.

His Excellency Mattar Al Tayer, Director General, Chairman of the Board of Executive Directors of Dubai's Roads and Transport Authority (RTA), said: "The construction of internal road projects in residential areas responds to the directives of our leadership to develop and enhance infrastructure in residential communities, in order to meet the needs of Dubai's urban and population growth, improve quality of life, and promote the happiness and wellbeing of residents. It also underscores RTA's commitment to developing infrastructure for roads, lighting, and stormwater drainage in residential areas, to accommodate increasing traffic volumes, improve traffic flow, and enhance road safety."

Completed Roads

He added: "The completed project in Al Khawaneej 2 (Sheikh Zayed Housing Programme – Tolerance District) included the construction of six kilometres of internal roads, along with connections to Amman Street and surrounding roads. It also provided 765 roadside parking spaces, 178 lighting poles, and a dedicated cycling track."

"The internal roads project completed in Jebel Ali Industrial Area 1 covered the construction and maintenance of 27 kilometres of roads. It converted the roundabout at the intersection of First Al Khail Street and Street 23 into a signalised junction

to improve traffic flow. The project also delivered seven new roundabouts in the area to enhance the efficiency of roads used by heavy vehicles, improve road safety, and increase the capacity of arterial roads to accommodate 3,000 vehicles per hour per road. In addition, the project included the installation of 42 kilometres of road lighting."

Roads Under Construction

Al Tayer further explained: "RTA is currently constructing internal roads in six residential areas to facilitate residents' mobility. In Al Awir 1, the works include 16.5 kilometres of internal roads, of which five kilometres are located within the Mohammed Bin Rashid Housing Establishment project. The project also features a 7.5-kilometre road linking Emirates Road with Al Awir 1, providing two lanes in each direction, with intersections, roundabouts, and a U-turn movement near Emirates Road to connect the housing project with the main road."

"The development of the new entry and exit points will double the area's road capacity from 1,500 to 3,000 vehicles per hour, an increase of 100%. The project further includes the construction of an additional 4-kilometre lane on Emirates Road, stretching from the entrance of Al Awir 1 to the border of Sharjah, with a speed limit of 110 km/h and a capacity of 2,000 vehicles per hour. This new lane will enhance traffic flow and





increase the capacity of Emirates Road by 16%. The project is expected to be completed in the second quarter of 2026.”

Nad Al Sheba 1, 3 and 4

The internal roads project in Nad Al Sheba 1, 3 and 4 includes the construction of new roads, additional road links, cycling tracks, landscaping and beautification works. It also features upgrades to existing roads, pedestrian pavements, and parking spaces near key community facilities such as schools, shopping centres, mosques, and parks.

The total length of roads across the three areas is 32 kilometres, with 15 kilometres of pedestrian walkways and cycling tracks. Nad Al Sheba 1 project is expected to be completed by the end of this year, while works in Nad Al Sheba 3 and 4 are scheduled for completion in the first quarter of 2027.

Al Warqa’a

RTA is also completing road works in Al Warqa’a, scheduled for completion by the end of this year. The project includes the construction of an additional entry and exit to Al Warqa’a directly from Sheikh Mohammed bin Zayed Road, the development of Al Warqa’a 1 Street, and the conversion of existing roundabouts into signalised intersections with special specifications to reduce traffic density. The works also cover street lighting and parking facilities.

The project will serve more than 350,000 residents and, upon completion, will ease entry and exit to and from the area. It will also increase the capacity of Al Warqa’a 1 Street by 30% and cut travel time by 80%, from 20 minutes to just 3.5 minutes. In addition, it will shorten trip distances from 5.7 kilometres to 1.5 kilometres.



Al Khawaneej 2 (Tolerance District)

6 km
Of internal roads

765
additional parking spaces

Connections to
Amman Street and
surrounding roads

178
light poles installed

Dedicated cycling track

Jebel Ali Industrial Area1

27 km
Of roads constructed
and upgraded

7 roundabouts
completed

New signalised
intersection

42 km
of road lighting
installed

Arterial roads capacity increased to **3000** per hour

Wadi Al Amardi

The road project in Wadi Al Amardi includes 15 kilometres of new roads, comprising a 4-kilometre expansion of Tripoli Street opposite the area and 11 kilometres of internal roads. It also features 10 kilometres of paving works, the installation of 405 lighting poles, and roadside parking with a capacity of 1,000 spaces across internal roads.

The project will serve more than 30,000 residents and will increase the capacity of the area’s entry and exit points by around 3,000 vehicles per hour. It will also shorten travel distances from five kilometres to one kilometre. The project is expected to be completed in the third quarter of 2026.

A 700-metre expansion on Sheikh Zayed Road Near Umm Al Sheif Exit

Dubai's Roads and Transport Authority (RTA) has completed a 700-metre road widening on Sheikh Zayed Road for traffic near to Umm Al Sheif Street exit. The upgrade expanded the lanes from six to seven, increasing capacity by 16% to accommodate up to 14,000 vehicles per hour. The project forms part of RTA's ongoing efforts to enhance road efficiency and optimise traffic flow across Dubai, reducing congestion and ensuring smoother and more reliable journeys for road users.

Sheikh Zayed Road is one of Dubai's main and busiest highways due to its strategic location. It serves as a vital economic corridor, surrounded by residential communities, schools, and prominent commercial and financial landmarks, including Dubai International Financial Centre, Burj Khalifa, and Dubai Mall. The road is also home to global companies, banks, investment institutions, hotels, and leisure destinations, making it a pivotal artery for

commercial activity and daily mobility.

The widening of Sheikh Zayed Road was implemented to improve traffic flow for vehicles coming from Abu Dhabi near Umm Al Sheif Street exit by eliminating overlap points near Umm Al Sheif junction, a known congestion hotspot during evening peak hours. The upgrade is expected to reduce travel time in the area, while the additional lane enhances safety by lowering traffic density for road users.

Rolling Out Quick Traffic Wins on Al Thanya Street Leading to Sheikh Zayed and Al Wasl Roads

Dubai's Roads and Transport Authority (RTA) has commenced a package of rapid traffic solutions on Al Thanya Street, a key corridor linking Sheikh Zayed Road and Al Wasl Road. The works include upgrading the existing roundabout on Sheikh Zayed Road's service road leading to Al Thanya Street, constructing a signalised junction at the junction of Street 10 and Al Thanya Street, and enhancing pedestrian safety by developing walkways and installing traffic signals.

The traffic solutions underway on Al Thanya Street, scheduled for completion early September 2025, form part of the RTA's strategic plans to boost road network efficiency and ensure smooth traffic flow across key locations. The initiative supports Dubai's population growth, prosperity, and urban development, reinforcing the emirate's position as a global leader in infrastructure and transport.

The improvements contribute to the smooth flow

of traffic for those coming from Sheikh Zayed Road to Al Thanya Street. The new junction at Street 10 and Al Thanya Street will also ease traffic flow by reducing travel distances for residents moving between Umm Al Sheif and Al Manara, maximising the community's satisfaction. It complements earlier upgrades along Sheikh Zayed Road's service road and will accommodate future traffic growth on Al Thanya Street. The junction also strengthens links with Sheikh Zayed Road, Al Wasl Road, and surrounding



residential and commercial areas, while elevating safety standards through a signalised junction and providing safe routes for pedestrians and cyclists.

Al Thanya Street is one of Dubai's key roads, carrying heavy traffic due to its links with Jumeirah, Al Wasl, Umm Sugeim,

Umm Al Sheif, and Al Manara. The upgrades will ease traffic flow, strengthen connections between internal and main road networks, and improve safety for all area visitors, ultimately enhancing residents' wellbeing in these communities.