TATWEER

NEWSLETTER

Issue 20
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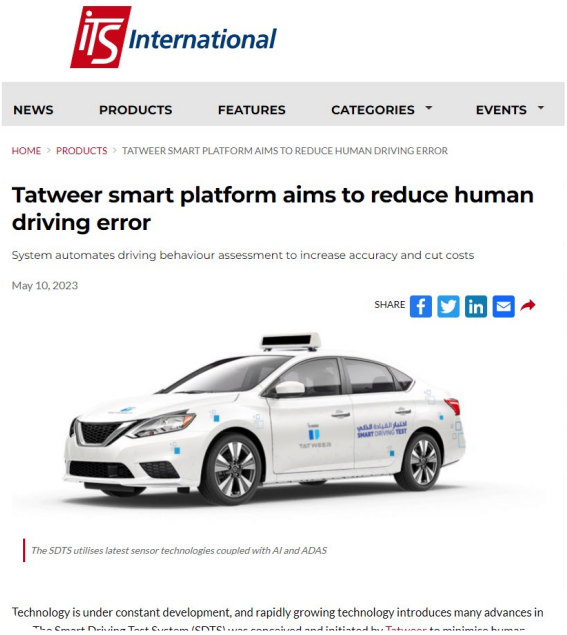
New **Press Releases**

ITS International

Tatweer's smart driving test system has captured the attention of ITS International, earning prominent exposure in this esteemed publication. Our innovative solution stands as a testament to our commitment to revolutionizing the driving test experience. We thank ITS International for showcasing our cutting-edge solution to a global audience.


ITS International

NEWS PRODUCTS FEATURES CATEGORIES EVENTS

HOME > PRODUCTS > TATWEER SMART PLATFORM AIMS TO REDUCE HUMAN DRIVING ERROR

Tatweer smart platform aims to reduce human driving error

System automates driving behaviour assessment to increase accuracy and cut costs

May 10, 2023

SHARE

The SDTS utilises latest sensor technologies coupled with AI and ADAS

Technology is under constant development, and rapidly growing technology introduces many advances in

New **Events & Workshops**

Abu Dhabi University Career Fair Event

From inspiration to innovation, Tatweer participated in the ADU Career Fair event, connecting with talented juniors. This participation is a testament to our commitment to aspiring young and innovative thinkers, encouraging them to explore career opportunities shared by our team. We extend our appreciation to Abu Dhabi university for organizing this impactful event.

RTA Dubai Innovation Lab Workshop: "Legislation and Policies for Integrated, Flexible, Shared, and Smart Mobility"

Tatweer has been invited to participate in the RTA Dubai Innovation workshop, which brought together experts from diverse backgrounds to address pressing challenges in the RTA, focusing on AI legislation and legal liability for smart vehicles. We had the opportunity to collaborate with RTA Dubai stakeholders, industry leaders, and creative thinkers to exchange knowledge and explore operational challenges.

New **Awarded Projects**

Monitoring & Control Center (MCC)

- Design and Supervision of Falcon Eye System Civil, Electrical and Fiber Optic Works

The project intends to design a high-security system in an unmonitored part of the emirate of Abu Dhabi. Tatweer will design and supervise all civil infrastructure, electrical and fiber optical network systems as per MCC requirements.

Integrated Transport Centre (ITC)

- Supply & Installation of Portable Variable Message Signs, Traffic Count Systems & Portable CCTV System

The project involves effectively monitoring traffic conditions, acquiring reliable traffic data, and providing advisory and warning messages to road users. The system will collect real-time traffic data, and will be estimating travel times between locations. The central system encompasses a turnkey solution for deploying an integrated ITS infrastructure, consisting of the following:

- 5 Portable Variable Message Signs (PVMS)
- 100 Traffic Counting Systems / Road Vehicle Detectors (RVD)
- 100 Bluetooth Travel Time Detectors
- 3 Portable Traffic Data Collection Devices (PTD)
- 10 Portable CCTV (PCCTV) units

Department of Municipalities & Transportation (DMT)

- Operational and Technical Support Services for the e-NOC and e-PASS Systems

By combining local expertise with the best practices, Tatweer aims to streamline NOC operations and provide business and technical support, training, development and dissemination of guidelines and standards which shall contribute to improving the efficiency for permits and approvals by deploying a complete methodology addressing the entire lifecycle of the NOC process and the required enhancement to both systems, and produce a road map for the future of the eNOC system in coordination between DMT and all the stakeholders involved in the eNOC process.

Al Ain Municipality

- Design and Upgrading of Existing Intersections in Al Ain City - Industrial Area

The project's main scope of work is to study the existing industrial area signalized intersections (IP132, IP284, IP146, IP147 and IP285) that will be upgraded in accordance with the latest Abu Dhabi Quality and Conformity Council (ADQCC) manuals and guidelines and as per the study report outcomes of the Transportation Infrastructure Plan (TIP). The upgrade will include new intersections, entrances, and exits of internal roads as well.

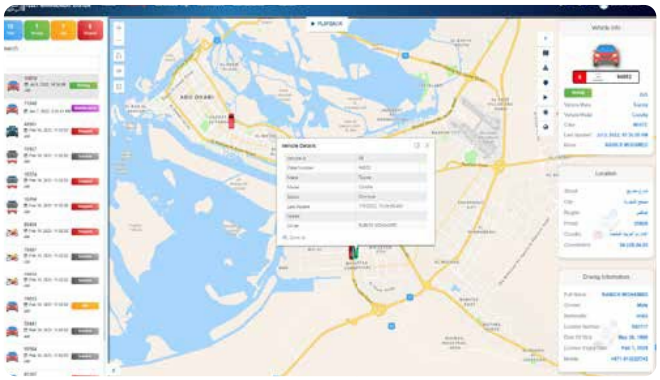
- Maintenance and Completion of the Addressing System and Signs for Al Ain City

The project's primary objective is to oversee the implementation of the addressing system in Al Ain city, establishing a robust database that serves as the system backbone, facilitating effective asset control and management. It encompasses both urban and rural areas, including industrial and farm regions, ensuring comprehensive coverage throughout the city.

Abu Dhabi Police

- Manufacturing, Supply, Installation, and Testing of 4500 Telematics Devices

Building on our successful development of a top-quality comprehensive fleet management solution, Tatweer will be manufacturing, supplying, installing, and testing 4,500 telematics devices which aim to improve fleet safety and monitor drivers' behaviour by analysing parameters that impact fuel consumption and car information leading to enhancing the police force's capabilities by providing real-time location tracking and valuable insights.



Abu Dhabi City Municipality

- Design and Construction Supervision of Urgent Traffic Improvements (Quick Wins)

Tatweer is assigned this project with a focus on road safety enhancements to promptly address traffic concerns and optimize traffic operations. The project comprises the construction of short-term traffic improvement at three signalized intersections and other roads, intersections & roundabouts at four different locations.

- Design and Construction Supervision of the Widening from the Main Road to Sheikh Zayed Heritage Festival and Al Wathba Camel Racetrack

The project comprises the dualization of an existing road with a total length of 4.5 Km and a width of 21.0 m which aims to improve accessibility and traffic flow, ensuring smooth and safe transportation to the visitors of the heritage festival and camel racetrack facility. It also involves various aspects, such as street lighting, stormwater management, road signs, MCC works, and the protection & relocation of existing utilities conflicting with the proposed works.

Hilalco

- New Cycle Track and Parking Area in Yas Island

Tatweer conducted a Stage 3 Road Safety Audit (RSA) which included a thorough evaluation of the parking area, focusing on access and sightlines, as well as an inspection of the cycle track on the opposite side of the road. The RSA was successfully completed and approved by the concerned authorities.

New **Strategic Partnerships**

Tatweer Teams Up with Arup, a Renowned Global Engineering and Design Consultancy

Tatweer has entered into a Memorandum of Understanding (MOU) with Arup Gulf Limited. This collaboration marks the beginning of a promising journey aimed at exploring impactful projects related to traffic and transportation planning.

Tatweer and SSH Join Hands in Consultancies and Services

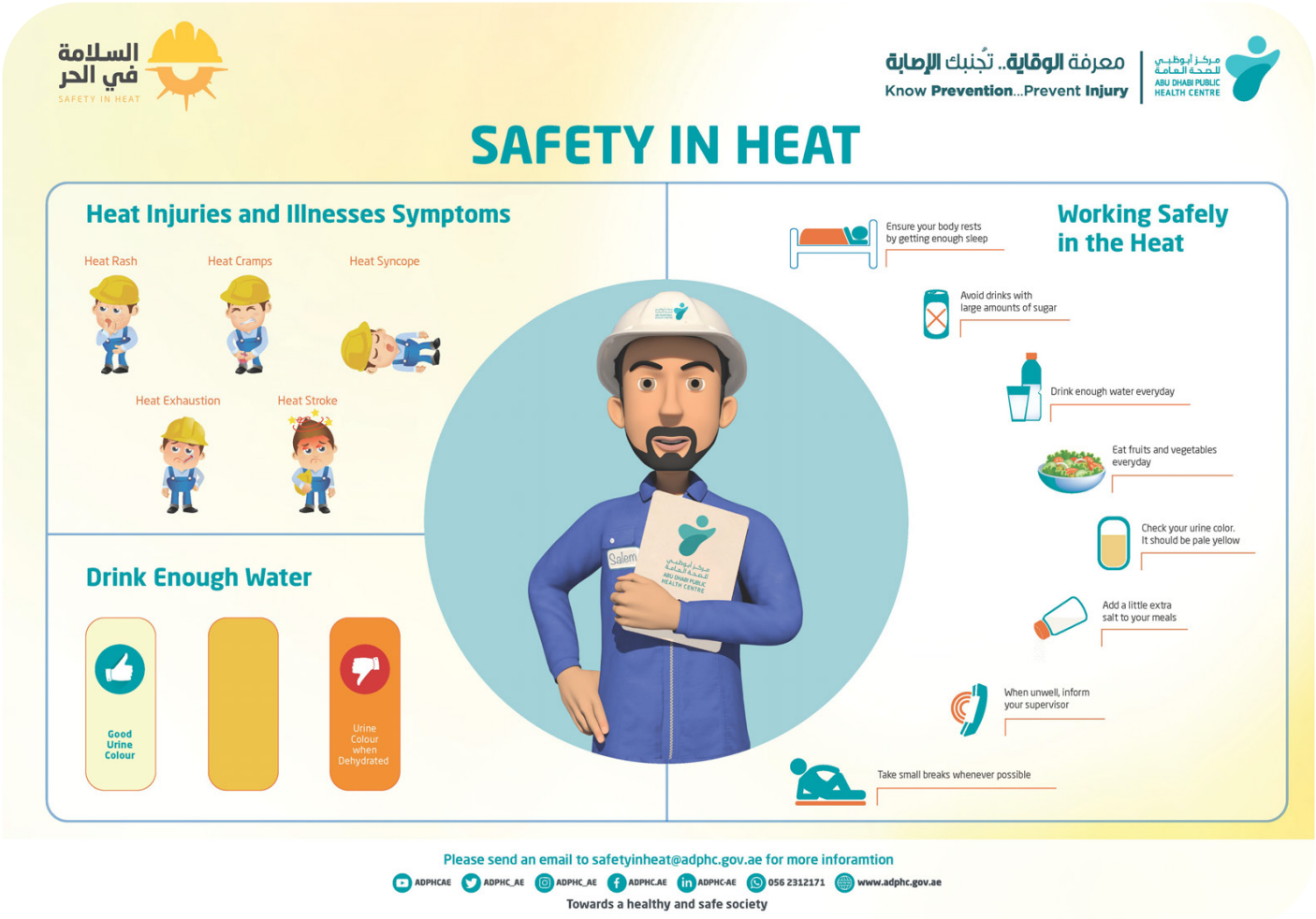
Introducing a newly formed Memorandum of Understanding (MOU) with Dar SSH International Engineering Consultants, a global engineering consultancy firm with a strong expertise in providing engineering services, which aims to explore mutually beneficial business opportunities in the field of engineering consultancies.

Tatweer Partners with Tashkent University of Architecture and Civil Engineering

Tatweer has joined forces with Tashkent University of Architecture and Civil Engineering, a renowned institution based in the capital city of Uzbekistan, in a collaborative agreement which aims to leverage the strengths and expertise of each entity to pursue common business goals within the domains of project management, project conceptualization, project detailed design, and innovation R&D.

Tatweer and Smart Safe Systems Collaborate to Bring Advanced Products to Uzbekistan Market

In a strategic move to advance safety, Smart Safe Systems and Tatweer have recently formed a distribution agreement which seeks to introduce new state-of-the-art solutions to Uzbekistan market. Tatweer has identified innovative products that it wishes to distribute through Smart Safe Systems.

Tatweer Partners with Australian Parking Consultants (APC), a Leading Parking Solutions Consultancy Firm

Tatweer and APC have entered a collaboration to bid apon a tender for the execution and implementation of a parking strategy action plan consultancy project, which brings together the expertise and resources of both organizations promising to deliver transformative results.