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EPDA Launched "Takreem Service"

Based on the Authority's keenness to take into consideration needs of all segments of the society by providing services and all facilities for them, EPDA launched the "Takreem" service, which is one of the unique and innovative services provided by EPDA without charges to the special need people, elderly and families of martyrs, to ensure the provision of all kinds of support and amenities for them, where the customer from these categories mentioned can submit a request for this service by visiting Ras Al Khaimah Government site and one of EPDA staff will communicate with him and then visit their sites.

EPDA allocated a special car for this service is equipped with all the needs, the employee will complete the process at the same time and in the same location that, the client receives the meeting out the most

prominent aspect of perfection.

"Takreem" service comes in support of the directives of the UAE government by providing all facilities to all sectors of society, where "Takreem" aims to serve three different groups in society, and the focus was on special need people in line with the national policy framework for their empowerment which was launched by the government, to ensure empowerment and a decent life for them and their families, "Takreem" is also provided to honor the elderly to avoid and resolve all the obstacles facing them and reach them in their place, In addition, Takreem is also given to the families of the martyrs, because of their sons' great pictures of sacrifice and redemption and their heroic positions in the fields of glory and dignity.



EPDA looks forward to providing smart and sophisticated services to cope with this development witnessed by the emirate, In line with the keenness of the authority to achieve the services and requirements to cope with the remarkable excellence and status reached by the Emirate of Ras Al Khaimah, Where the EPDA strives to provide all facilities and needs of its customers and development in its services to become smart and inexpensive in easy steps and simple, Which saves money, time and effort on the clients, and meets all expectations of its customers without facing any challenges hindering the completion of services.

Vision :Protection of the environment & sustainability of resources.

Mission : Innovation and excellence in the methods of control and awareness and preparation of legislation based on specialized research programs to the protection of the environment and natural resources.

As part of initiatives to support fisheries sustainability Climate Change(MOCCE), EPDA Planted 640 Mangroves plants in Al-Muzahmi Protected Area

In the presence of His Excellency Dr. Thani Bin Ahmed Al Zeyoudi Minister of Climate Change Environmental Protection and Development Authority and others directors of the local and federal departments RAK, EPDA organized a leadership meeting in RAK in support of the marine environment under the slogan "Our Fish wealth and Fishermen Happiness" on 12 May 2018, in Al-Muzahmi Reserve as the first initiative by EPDA at the emirate level. During the forum, His Excellency Dr. Thani Bin Ahmed Al Zeyoudi, and number of local leaders in RAK, planted about 640 mangroves plants, within the framework of fisheries sustainability initiatives, and in line with RAK 2030 Government strategy aimed to achieving sustainability in all sectors of the Emirate and maintaining the cohesion of the UAE's cultural community and heritage. This initiative comes in support of the strategic objectives of the EPDA, which include the protection of biodiversity and natural habitats in the Emirate; during the forum, the Mangrove plant was cultivated in Khor Al-Muzahmi Reserve, which is one of the most important nature reserves proposed in the Emirate, due to the importance of this system being a nursery area for different types of fish, and their contribution to mitigation of climate change, where they play an active role in reducing carbon emissions, contribute to minimizing the impact of marine natural disasters, protect coasts from erosion caused by waves and sea currents, In addition to granting visitors to the reserves where these mangrove trees were found, the opportunity to enjoy the distinctive landscapes and eco-tourism. Such that this innovative initiatives will support and develop the work in the environmental sector and support the capacity of the Authority and draw the attention of the various segments of society to the importance of protecting and preserving the marine environment in all its systems and components and the working group in this field; Where EPDA has developed a number of programs and initiatives aimed at the happiness of fishermen, including the establishment of a center for the happiness of fishermen, and the development of service systems that increase the value added of the



services provided to them in light of the EPDA's competence to regulate the fishing profession under Law No. 11 of 2015; where EPDA in 2017 issued 1129 license of artisanal fishing, 778 license for picnic fishing, EPDA has provided 218 houses for fishing workers of 1035 workers, 1,186 fishing berths, as well as 454 fishermen's warehouses.

Ceremony for strategic partners and suppliers



The Authority organized ceremony to honor the strategic partners, suppliers, outstanding employees of EPDA , as well as media representatives and collaborators.

EPDA is organizing the event on an annual basis, which aims to develop joint work with the partners of the Authority and support projects and strategic initiatives that contribute to the sustainable development of partnerships in line with the emirate's strategic plan to achieve the highest standards of excellence in services, Provided by EPDA to its partners and customers.

EPDA tagged 475 green turtles



The Environmental Protection Authority (EPDA) , in cooperation with Emirates Wildlife Group, has been following up and studying sea turtles on the emirate's coastline as part of its endeavor to achieve its strategic objective of protecting biodiversity and natural habitats in the emirate, and the framework of the sustainability of the fisheries in terms of protection of the environment of seaweed as a resource where the turtles feed on the seaweed and rejuvenated to be one of the most important nursery places of fish larvae on which fishermen depend on the source of livelihood.

EPDA prohibits the use of plastic bags for seafarers

As part of the Environmental Protection and Development Authority celebrated Earth Day and The Regional Environment Day on 24 April 2018, the Authority issued a decision on "Ban The Use of Plastic Bags" by seafarers, as of 24/04/2018. This decision , In support of the Emirate directives to protecting the marine environment and sustainability of its natural resources.

Plastics waste has a major role in the pollution of the marine environment and the mortality of marine life because it is not degradable and disintegrating, which affects turtles and harms the fish that feed on them and human food.

EPDA commended the need to raise awareness about the harmful use of plastic bags and their disposal in responsible ways or replace them with healthy alternatives to the environment and human as paper bags or cloth. Moreover, EPDA in cooperation with Majid Al Futtaim Carrefour all three branches: Al Nakheel, Al Naeem City Center and Al Dhait City Center , In addition to Lulu Hypermarket to stop the use of plastic bags on 24/04/2018, . EPDA has provided eco-friendly bags to consumers during the day to sensitize them to the dangers of plastic bags, urge them to dispense with them and look for other environmentally friendly alternatives.



EPDA launched Ramadan Break the fast Project under the theme "Forgiveness Iftar" in the month of Ramadan.

In line with the founder of UAE Renaissance, who laid the foundation for the UAE's charitable journey, making it the world leader in the humanitarian, charity and volunteer fields of the late Sheikh Zayed bin Sultan Al Nahyan, EPDA launched the Ramadan break the fast Project under the theme "Forgiveness Iftar" in the month of Ramadan. This project is one of the community activities of the EPDA, Where daily break the fast was provided to fishermen workers in Ras Al Khaimah Port, Maerid Port and Al Jazira Al Hamra Port.

The Environmental Protection and Development Authority is the first local government agency which organized a daily break the fast for a wide range of customers throughout the Holy Month.

This project embodies values and principles of humanity rooted in our religion, which urges the giving and in this holy month, In addition, to the keenness of this Authority to delight all groups of its clients by activating the humanitarian and social initiatives that support the relations of communication with them, as this initiative comes to strengthen the principle of social solidarity among members of the community of different nationalities to strengthen the values of mercy and compassion which urged by our Islamic religion and our Emirati society, matter of ensuring corporate social responsibility and contributing to the sustainability of humanitarian and charitable efforts.



The Ramadan break the fast Initiative includes not only Muslim fishing workers but also fishing workers from other reliance in order to promote the values of tolerance that characterize the UAE and are engrained in the Islamic religion. This initiative is part of a package of initiatives and projects launched by EPDA in 2018 for the welfare of fishermen.

EPDA participates in Government Game



EPDA staff component participated in the Government Games Initiative, the team representative RAK . The Gov Games is an initiative launched by His Highness Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum, Crown Prince of Dubai and Chairman of the Dubai Executive Council, as a first of its kind government competition to promote creative collaboration and reinforce team spirit among government employees.

This initiative is a reflection of the philosophy of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, who said "Sports teach determination, teamwork, respect for rules, and fairness with our opponents." The Gov Games will test the mental and physical aptitude of participating teams, as well as their ability to collaborate in navigating a purpose-built, unique obstacle course.

EPDA penalized fishermen with 539 Sheri fishes

The Environmental Protection and Development Authority in Ras Al Khaimah penalized violated fishermen during their departure from the Sea to Fishermen's Port with 539 Sheri fished, despite the prohibition of fishing sale of Arabi Sheri and Safi during the months of March to April yearly, the fishes were confiscated to the EPDA's laboratories for research analysis.

Dubai offers first free parking slots for eco-friendly vehicles

Dubai's Roads and Transport Authority (RTA) has provided 70 free parking spaces for environment-friendly vehicles in 40 paid parking zones across the emirate.

The move, which represents the first phase of offering free parking to eco-friendly vehicles, contributes to Dubai's Green Mobility initiative aimed at slashing carbon emissions and encouraging the public to use environment-friendly vehicles, state news agency WAM reported.

Locations include the Central Business Districts, Trade Centre area, Burj Khalifa, Dubai Marina, Jumeirah Street and Sheikh Zayed Road.

Maitha bin Adai, CEO of RTA's Traffic and Roads Agency, said: "70 free parking spaces are designated in 40 parking zones in different parts of Dubai. RTA is keen on spreading this initiative to high-density traffic areas and streets across Dubai with the aim of covering most paid parking zones in vital areas.

"The parking spaces are marked by green-painted frames with signs showing the maximum allowable use time, and the fine applicable on parking violations.



Only eco-friendly vehicles are allowed to access these parking slots, and for a time limit of four hours, which will increase the rotation of using each parking," she added.

Crescent, Bee'ah launch JV for green transport



Crescent Enterprises, a UAE-based diversified conglomerate, and Bee'ah, the Middle East's leading and environmental management company, have launched joint venture, ION – a sustainable commercial transport company. ION's operations include the development, acquisition and management of electric vehicle (EV) fleets for commercial use, deployed through platforms such as ride-hailing services, as well as corporate and government fleets. Coinciding with World Environment Day, the joint venture has announced plans to deploy fleets of energy-efficient Tesla vehicles to complement the transport network across nine cities in the Mena region. With a phased rollout planned until 2020, the collaborative effort will also align with the establishment of a regulatory framework governing the use of electric vehicles in the target markets. The company also aims to embrace a holistic approach and extend beyond electric mobility to eventually include power generation and storage products.

ION seeks to engage with electric utility regulators, road transport authorities, legislators, environmental agencies and customer groups to gain insights and shape policies that will accelerate the adoption of electric vehicles.

ION has already piloted its fleet of turquoise Tesla Model S electric vehicles in Dubai through the ride-hailing service, Careem in May 2018. Users of the application can now book ION's iconic electric cars for a ride anywhere in Dubai. The company is additionally in talks with regulators to expand its UAE fleet operations to Abu Dhabi and Sharjah by Q3 2018.

A study reveals how polluted air particles reach the blood and damage the heart

Scientists said that fine particles inhaled like those emitted from vehicle fumes could find their way into the lungs and then into the blood, where the risk of heart attacks increases. Using experiments of high-precision and harmless gold particles, scientists have for the first time managed to trace how these particles are inhaled and transported to the lungs and then into the blood. The scientists said in a London briefing on Wednesday that the most worrying thing is that these particles tend to assemble in the damaged blood vessels of people who already have coronary heart disease and cause the risk of these diseases.

"There is no doubt that air pollution is deadly," said Jeremy Pearson, a professor at the British Heart Foundation, which provided part of the funding for the study. "This study brings us a step closer to revealing the mystery of how air pollution can damage our heart health."

Experts have long known that air pollution carries serious health risks and can cause fatal heart attacks. According to the World Health Organization, air pollution in open areas in both cities and rural areas caused three million premature deaths around the world in 2012. But researchers have not yet confirmed how the passage of inhaled particles across the lungs affects heart health. The new findings, published Wednesday in the journal ACS Nano, reinforce previous evidence that the particulate matter in the air we breathe reaches blood and travels to many parts of the body, such as arteries, blood vessels and the heart.

"If particles like those in the polluted air ... reached sensitive areas of the body, a few of them could have serious consequences," said Mark Miller, a senior researcher at the University of Edinburgh who led the study. "Miller's team used specialized techniques to track volunteer breathing for harmless gold particles , Where researchers found that fine particles could pass from the lungs to the blood within 24 hours and could still be detected three months later.



Increasing acidity of the oceans threatens coral reefs



LONDON (Reuters) - Coral reefs may begin to decompose before 2100 with the effects of human-induced climate change on ocean acidity, scientists said. Acidity threatens the deposits that are the basic components of the reef. Coral faces other risks of temperature, pollution and over-fishing.

"Coral reefs will migrate to the net decomposition stage before the end of the century," the team of scientists led by scientists from Australia wrote in the journal Science on Thursday. The term "net decomposition" means more coral reef loss than coral growth.

Carbon dioxide, the greenhouse gas, is a weak acid in water that threatens to decompose coral deposits made up of broken coral particles and other carbon structures formed from the remains of organisms that have accumulated over thousands of years, the researchers said.

Sediments are 10 times more likely to be affected by water acidity than small coral animals that also absorb chemicals directly from water to build the stone structures that make up the reef, the study said.

"It is not known whether the entire coral reef will erode as soon as sediments reach the state of net decomposition" and whether coral reefs will be "disastrously destroyed" or merely slow erosion, the study added.

The sediments in some reefs have already begun to degrade, such as the Hawaiian reefs, which are also affected by other sources of pollution.

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