

AL SIDRAH

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Future laboratory

Dr. Saif Mohammed Al Ghais Executive Director of EPDA attended « Energy Future Laboratory 2050» with Ministry of Energy in collaboration the Ministry of Cabinet Affairs and the future represented by Mohammed Bin Rashid Center for Government Innovation. The ministry in cooperation with the concerned authorities prepared a draft of the UAE's energy strategy in 2050. The idea of a laboratory is to study the preferred scenario and subjected to exertion tests "Stress Testing" by exposing the impact of technologies and unexpected events "Disruptive technologies and action" on the proposed strategy and its impact on the future.



Rowing team reception «kayak»

Dr. Saif Al Ghais welcomed the Kuwait rowing team "Kayak" on Monday, 23 January 2017 in Maina Algir, Where the team organized a volunteer rowing cruise in the Gulf waters, aiming to spread environmental awareness and reduce the risks posed to, The team was accompanied by a group of photographers for National Geographic Documentation Channel. It is worth to mention that the trip started from Kuwait on November 22, 2016, through Bahrain, Qatar and the UAE. Dr. Saif Al Ghais honored the team members and thanked them for their efforts in protecting the marine environment.



Corporate communication office In RAK Courts visits EPDA

Dr. Saif Al Ghais welcomed the Corporate Communication office team of Ras Al Khaimah courts on Sunday, 22/01/2017, who dedicated book about environmental laws, which aims to spread environmental legal culture.

Al Mareed Port Opening

EPDA launched Al Mareed Port for fishermen and provide all facilities for them to store their kits and maintained in a safe place.

VISION

Protection of the environment & sustainability of resources.

MISSION

Uniqueness in providing, monitoring and environmental awareness services through the application of laws and regulations and investing relationship with partners and conduct studies and research that contribute to the protection of our natural resources.

Emirates airline introduces blankets recycled from plastic-bottles

Emirates has introduced new sustainable blankets made from 100 per cent recycled plastic containers. The blankets are made using ecoTHREAD patented technology and they are now available in economy class on all long-haul Emirates flights. Each Emirates ecoTHREAD blanket is made from 28 recycled plastic bottles, which are recycled into plastic chips before being turned into yarn, creating a "polar fleece" material.

The fine thread is then woven into soft blankets. The environmentally-friendly blankets were designed in partnership with Buzz, an inflight product specialist based in Australia. Emirates already runs a green programme on board its aircraft recycling aluminium cans, plastic and glass bottles, and clean paper products such as newspapers, magazines and cardboard cartons where possible.

By the end of 2019, Emirates estimates, ecoTHREAD blankets will have consumed 88 million plastic bottles that would otherwise be destined for landfill – equivalent to the weight of 44 the carrier's Airbus A380 superjumbo aircraft, it said. This initiative makes it the largest sustainable blanket programme on board in the airline industry," Emirates said.

"In addition, the manufacturing process of using recycled polyethylene terephthalate reduces energy emissions by 70 per cent."



Minister & Ruler of Dubai, His Highness Sheikh Mohammed bin Rashid Al Maktoum, has unveiled the UAE energy strategy for the next three decades.

The new energy strategy, announced in the presence of H.H. Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum, Crown Prince of Dubai, aims to increase the contribution of clean energy in the total

energy mix to 50 percent, thus saving AED700 billion by 2050. It also seeks to increase consumption efficiency of individuals and corporates by 40 percent. Sheikh Mohammed bin Rashid said the UAE Energy Plan for 2050 is targeting an energy mix that combines renewable, nuclear and clean energy sources to meet the UAE's economic requirements and environmental goals. He also said that the UAE aims to invest AED600 billion by 2050 to meet the growing energy demand and ensure sustainable growth of the country's economy.

"Our new energy plan balances between supply and demand, and takes into consideration our international commitments in term of environment. It also ensures a comfortable economic environment for growth across the sectors," he said during the launch of the UAE Energy Strategy for 2050. The plan is a joint effort of all energy-related authorities and executive councils in the UAE, and comes under the supervision of the federal government, represented by the Ministry of Energy and the Ministry of Cabinet Affairs and The Future. "The new strategy takes into consideration an expected annual growth of 6 percent, and will work on increasing the contribution of clean energy in the energy mix from 25 percent to 50 percent by 2050 while slashing carbon footprint during power generation by 70 percent over the next three decades. Ensuring the sustainability of energy resources is a guarantee of sustainability of growth in our country. The government has made an achievement by drafting the first unified energy strategy in the country based on supply and demand. He who does not think of energy is not thinking about the future," Sheikh Mohammed said. "The Gulf countries are similar in their economic structure, and we hope that we will one day have a unified GCC energy strategy in order to ensure sustainable growth for our people and global influence for our economies," he added.



energy program soon

Saudi Arabia will launch in coming weeks a renewable energy program that is expected to involve investment of between \$30 billion and \$50 billion by 2023, Saudi Energy Minister Khalid al-Falih said on Monday 17/1/2017.

Falih, speaking at an energy industry event in Abu Dhabi, said Riyadh would in the next few weeks start the first round of bidding for projects under the program, which would produce 10 gigawatts of power.

In addition to that program, Riyadh is in the

early stages of feasibility and design studies for its first two commercial nuclear reactors, which will total 2.8 gigawatts, he said.

"There will be significant investment in nuclear energy," Falih said.

Under an economic reform program launched last year, Saudi Arabia is seeking to use non-oil means to generate much of its additional future energy needs, to avoid running down oil resources which are required to generate foreign exchange through exports.

Falih said Saudi Arabia was working on ways to connect its renewable energy projects with Yemen, Jordan and Egypt. "We will connect to Africa to exchange non-fossil sources of energy," he said, without elaborating.



China to recycle 350 Million tonnes of waste resources by 2020

CHINA is expected to recycle 350 million tonnes of waste resources including steel, nonferrous metals, plastic and paper annually by 2020, according to an official guideline.

The guideline was jointly released by ministries of industry and information technology, commerce, and science and technology.

China will develop a sophisticated system for

renewable resources. By 2020, China will use 150 million tonnes of waste steel, and 18 million tonnes of waste nonferrous metals annually, according to a plan included in the guideline.

The country also aims to recycle 23 million tonnes of waste plastic and half of all its waste paper by 2020 annually.



Paris rolls out driverless bus service to fight pollution and congestion

Paris launched on 23 January its first driverless electric shuttle bus service, aiming to curb congestion and pollution that many Parisians blame for a whole raft of health complaints.

The French capital has a serious pollution problem and numerous schemes have already been tried to try and cut down smog levels, including shutting the Champs-Élysées thoroughfare once a month to traffic.

Now Paris is taking it to the next level and has launched a

driverless electric shuttle bus service, which the capital's authorities also hope will help ease congestion that clogs the city's streets every day.

Sensors and cameras tell the EZ10 bus when to stop and start, how fast to go and in which direction.

The 130-metre (142-yard) test route links the Gare de Lyon and Austerlitz train stations, two of the city's busy transport hubs on either side of the Seine river. Other routes will be introduced this year, the city's authority said in a statement.

Guidance on easing solid waste

- Purchase and use of goods that can be used more than once, instead "of plastic that are used only for one time and then discarded.
- Use environmentally friendly bags
- Use both sides of the paper when writing and printing
- Donated all old clothing and furniture, or sold them rather than throw it



How to Choose and buy foods

When you buying fish , you must make sure that the meat is fresh and can find out the following:

Fishes

1. To be good odor and acceptable
2. The scales are shiny non-adherent
3. The color of gills is red



Vegetables

1. The leaves showed be soft and not creased
2. The leaves showed be vibrant color and veins is wilted
3. Choose the normal size of vegetables instead of large and small



Tips for using electrical heater

- Turn off the fireplace before going to sleep and when you leave the room or the house.
- Read explanatory statements and warning posters
- Use the wall socket directly
- Not leave it next to the curtains or in front of children without censorship

