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YEAR OF
ZAYED

In the "Year of Zayed"..His vision is timeless and generosity is boundless

The UAE outdoes all countries in 50 international indicators

Unit 1 of the Baraka plant for peaceful nuclear energy is completed



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In the Year of Zayed

Loyalty, generosity and more hard work are pledged

It is hardly surprising that His Highness Sheikh Khalifa bin Zayed Al Nahyan, President of the UAE, has named 2018 "the Year of Zayed", to mark the centenary of the late Sheikh Zayed Bin Sultan Al Nahyan. HH Sheikh Khalifa bin Zayed is known for taking the right decisions and coming up with bright ideas; but this move, which was declared on the anniversary of the founding father's Accession Day - August 6, 1966 – was exceptionally thoughtful.

This highly successful move ushered in an unending generosity and giving, which continues to meet the needs of many people living in the UAE and abroad. Every day that passes by, "the Year of Zayed" initiative goes further in terms of development, with all sorts of institutions, companies and associations trying to outdo each other in the endeavor to introduce more innovative initiatives reflecting Zayed's approach and values.

Ordinary people are in fact the ones who generate good and spread its benefits, through "the Year of Zayed" activities that cover all aspects of life in order to support the development process, championed by the state, which seeks to help the needy regardless of religion, sex, color or race. This is how "the year of Zayed", has managed to unite us all in the UAE in the graceful act of giving, on the one hand, and also to provide many poor people around the world with decent living, on the other.

Zayed was not only an Emirati, an Arab or a Muslim leader; He was all of these and more. He is a towering figure who embodies man at his best, with the highest degree of gift, tolerance and love. Yet, who is better placed to commemorate this human symbol of the United Arab Emirates, than the country which he founded and set up its glorious record of achievements?

The celebration of Zayed's deeds is a celebration of the nation that he put on the road to success and of the culture of tolerance, goodness and fraternity that he created. The UAE and its people are truly full of pride and joy to be associated with the memory of such a unique leader.

In a world afflicted with the scourge of wars and

conflicts, with terrorism, militancy and poverty are rampant; Arabs and Muslims have suffered a great deal of harm. Under such circumstances, we need more than ever to rely on Zayed, as the symbol from whom we can draw strength and courage to meet these current challenges.

Zayed, the symbol, does not just shield us from the evils of terrorism and violence; it is the power house that provides us with energy and determination to go forward. This is how we find in "the Year of Zayed" a precious opportunity to review our record, fine-tune our plans before proceeding in the footsteps of the founding father to new heights, in order to further improve the UAE's admirable record.

2018 should be a year of work, innovation and excellence, because Zayed should be celebrated in a way that becomes his vision and achievements. In this sense, "the Year of Zayed" inspires more progress and sustainable development for the UAE. Moreover, it fosters happiness and prosperity making sure that the basis for good living in our charming country remains solid.

Beyond the UAE, the commemoration of the late Sheikh Zayed must be in line with his noble ideals that have guided us, in terms of working tirelessly to spread peace, promote the culture of moderation and fight racism. Let us continue to make every effort to bring about peace in all regions ravaged by wars and conflicts, keep confronting extremism, division and hatred, to close ranks and carry on supporting the oppressed.

Doing that, we emphasize our loyalty to Zayed, and show that we are worthy sons of this great father, adopting his vision and noble values. His record and achievements are the beacons that illuminate the paths of success ahead of us.

Zayed the man, has left us for good. However Zayed, the visionary, is immortal. He radiates love and generosity, guiding us to a better future and enhancing the country's standing on the world stage, as a formidable force for the good of man and the spread of moderation and peace. ■



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Chairman of the Board

Dr. Jamal Mohammed Al Hosani

Editor - in - Chief

Nasser Mohammed Al Yammahi

Managing Editor

Saqr Mohammed Al Binali

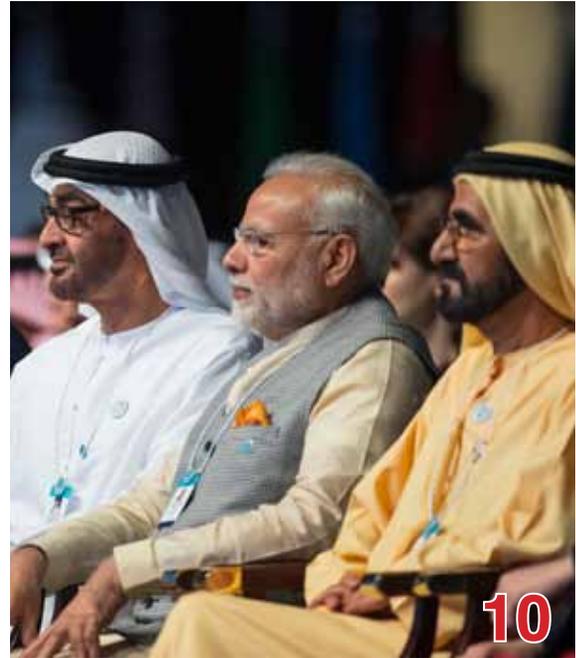
All Correspondences Should
be addressed on behalf of the
Managing Editor
Tel. +971 2 4177000
Fax +971 2 4177030
e-mail: taware@ncema.ae
www.ncema.gov.ae
P.O. Box 113811 Abu Dhabi

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- 04** Mohammed bin Rashid: the UAE's goal is to be the world's number on.
- 06** Unit 1 of Barakah Plant is completed on.
- 10** Dubai ushers in the future.
- 15** "Saif bin Zayed Academy" is set up.
- 16** Linkage of residential blocks with the civil defense system.
- 18** NCEMA's General Director: Mohammed bin Zayed is the source of our pride.
- 19** NCEMA holds brainstorming session for its staff members.
- 20** NCEMA discusses ways of cooperation with the GCC Centre for Emergency.

Contents



- 21** Talks held to enhance relations between NCEMA and the Jordanian Center for crises management.
- 22** NCEMA and Urban Planning Municipalities Department sign MOU.
- 24** NCEMA launches an early warning system.
- 26** Interview with HE Noura bint Mohammed Al Kaabi, Minister of Culture and Knowledge Development
- 30** Abu Dhabi Police's outstanding innovations on display.
- 33** Saif bin Zayed attends final phase of "Union 46" exercise.
- 35** Princess Haya bint Al Hussein supports rapid response to risks.





It came first in 50 competitiveness indicators

Mohammed bin Rashid: the UAE's goal is to be the world's number one

HH Sheikh Mohammed bin Rashid Al Maktoum, UAE Vice President and, Prime Minister and Ruler of Dubai, said: “ the UAE’s goal is to be the world’s number one in all fields. Our development is going faster on daily basis, and competition will only make us more successful and excellent”. HH was commenting on the announcement that the United Arab Emirates was the world’s top 50 indicators according to the 2017 2018 Global Competitiveness Index. The UAE came first in a number of key sectors and services such as the quality of government decisions, the government’s ability to adapt to changes, the absence of tax impact on investment attractiveness, public-private partnerships, technology development and application, road quality, quality of tourism infrastructure, corporate digitalization, gender equity, tolerance of foreigners, low level of violent crime, electronic hope and others.

Arabic success

“In 2007, after the launch of the first federal strategy, we launched the number one challenge globally, to develop the work of our government departments and, to reach the first position internationally. As I speak, I can see a report before me on the UAE success in reaching number one

position in 50 development indicators worldwide “, HH Sheikh Mohammed bin Rashid Al Maktoum said.

HH added: “The UAE is also the world’s number one in the tolerance of foreigners according to three international reports, the first in the scarcity of labor disputes, the first in property rights between the

sexes, the first in the number of violent crimes, the first in information security, the first in the quality of roads, tourism, and others”. HH concluded by saying: “The success of the UAE is an Arab success, not just an Emirati, and our experience has been and will remain open to all our Arab brothers.”

Competitiveness

The United Arab Emirates has reached advanced positions among the top 10 countries in 31% of global competitiveness indicators in some vital sectors. It came a head of all Arab countries in the world competitiveness, according to the Davos 2017-2018 World Economic Report, which put the country among the 20 best competitive economies in the world for the fifth year in a row. At the same time, the UAE has kept its reputation as one of the world’s most innovative economies, which has made steady progress in various areas of the economy. Its economy is classified as dynamic, diverse, and capable of meeting all challenges.

The 2017 Global Competitiveness Yearbook, gave the UAE the world’s number one in 25 sub-indices, and thus showed the significant leap in performance achieved by the its government and business sector , including the government decision efficiency index, public and private sectors.

According to the World Bank’s 2017-2018 Ease of Doing Business report, the UAE came first in the Arab world for the fifth time in consecutive years in a number of categories. It moved up from 26th to 21th place, compared to last year’s index, and also became the world leader at many levels .

In the INSEAD Global Innovation Index, the UAE maintained its position as the Arab world leader and ranked first in the world in 3 indicators, including the percentage of international students who pursue their university studies in the UAE. It also made considerable progress in areas such as creative research and output. The Global Innovation Index is part of the national agenda for building a competitive knowledge economy in the UAE under the umbrella of the National Agenda.

In the Human Development Report of the World

Economic Forum in Switzerland, the UAE was the first Arab and regional state in the global human capital index, with a rate of development exceeding 65%. This report highlighted the UAE’s success in harnessing efforts and potentials to create a future that benefits from a wide range of talent and capabilities, while maintaining quality and seeking to invest in modern technologies to serve these trends. The UAE has achieved remarkable success in bridging the gender gap and that has been recognized internationally when the country was assigned number one position globally in the relevant index and also in the enrollment in secondary education “under the age of 15”.

The UAE topped the world in 12 indicators, including the quality of tourism infrastructure and the effectiveness of marketing to attract tourists. It also came first among the most prosperous countries in the Arab world, according to the World Growth Index, published by the UK-based Lejmmme 2017 Institute, which is known for measuring happiness and prosperity.

Health and security indicators

The United Arab Emirates outdid all countries in a number of global indicators, such as absence of HIV prevalence in the total population, complete cleanness of malaria per 100,000 populations, low incidence of tuberculosis per 100,000 inhabitants, absence of health difficulties and nonexistence of malnutrition related problems.

The fact that the UAE enjoys high standards of peace and security is reflected in its stability and prosperity. This is confirmed by the social progress inevitability report that came out in the USA, which noted, the UAE came first in the Index of Violent Violations, and in the World Index Information Security .

Tolerance and embracing the other regardless of religion, color or nationality, also gave the UAE top place in the Index of Tolerance to Aliens in three international reports: Global Competitiveness Yearbook, Legum’s Boom Index, Global Competitiveness Index Issued by INSEAD. ■



The UAE makes history

Unit 1 of Barakah Plant is completed on

His Highness Sheikh Mohamed bin Zayed Al Nahyan, Crown Prince of Abu Dhabi and Deputy Supreme Commander of the UAE Armed Forces, and President Moon Jae-in of South Korea celebrated the successful completion of Unit 1 construction of the Barakah Nuclear Energy Plant in Al Dhafra region .

During the ceremony, both leaders highlighted the importance of this historic milestone that sets the UAE as the first Arab country to deliver a commercial nuclear plant to the highest standards of safety, quality and security, as well as the first nuclear newcomer since 1985.

Historic project

A photo was taken of His Highness Sheikh Mohammed bin Zayed Al Nahyan and the Korean President in front of a dummy representing the plant.

HH and the Korean leader later met with officials and engineers who helped to set up the plant and they exchanged cordial conversations then a photo of was taken of them.

Commenting on this latest milestone, His Highness Sheikh Mohamed bin Zayed said, this is a historic achievement of the UAE which will contribute to enhancing its admirable position at the world stage. This is mainly because of the pivotal role of the UAE Peaceful nuclear program in generating growth, diversifying our economy and securing the future of



generations to come.

His Highness went on to express his pride in the role played by Emirati professionals in the project’s development, working in close collaboration with Government and regulatory partners, to ensure the delivery of Unit 1 to the highest standards of safety, quality and security. “Today is a historic day for the energy sector of the UAE, as we continue to make progress on one of our nation’s most significant projects,” HH added.

South Korea ... our ambitious partner

His Highness Sheikh Mohammed bin Zayed Al Nahyan said that the UAE and Korea are ambitious countries that share a close vision and are bound by exceptional relations. It is a model to be emulated, His Highness said. The strategic partnership between the two countries is solid, fruitful and sophisticated;

serves our supreme interests. This relation will have the support it needs to stronger and good for the people of both countries.

HH noted that “The UAE continues to lead by investing in sustainable development projects,”. HH added “We are proud of this vital achievement, which is completed by the UAE’s talents and skills. Today, our balance of the future depends on translating our aspirations into reality.

HH stressed that the UAE proves day after day that ambitions are achievable, no matter how big, complex and scattered. Nothing is impossible, as we learned from our founding fathers’ approach and determination.

The event highlighted the strong relationship between the UAE and the Republic of Korea, which commenced back in 2009 when the Korea Electric Power Corporation (KEPCO) was appointed by



Emirates Nuclear Energy Corporation (ENEC) to lead the Prime Contract for the construction of the Barakah Nuclear Energy Plant.

While adhering to the highest standards of safety and quality, ENEC and KEPCO have completed Unit 1 construction in 69 months, in strict adherence to the Federal Authority for Nuclear Regulation (FANR) regulations. The accomplishment is even more notable, given the complete absence of any previous nuclear industry of infrastructure within the UAE, and it provides a positive reference point for other nations considering the adoption of peaceful nuclear energy.

Safe start - up

Khaldoon Al Mubarak, Chairman of ENEC's Board of Directors, said "With construction completion achieved, the UAE joins an elite group of countries that have managed to build such a complex and demanding facility to the highest standards of

safety and quality. This milestone is a testimony to the vision and commitment of the UAE's wise leadership and the strength of ENEC's partnership with our prime contractor and joint venture partner, KEPCO". He continued to say "Now, our focus is on the transition to the safe start-up of Unit 1 nuclear operations, ensuring all along that the highest standards of safety and quality are always followed"

Barakah Unit 1 has already successfully completed a number of individual and combined system tests, including the 'cold hydrostatic test' and 'hot functional test', as part of the first phase of the Initial Testing Programme, ITP. The ITP aims to ensure that the Unit's systems operate in accordance with the highest industry standards and will continue to do so during the operation of the plant over the coming decades.

In parallel to the ITP being conducted at the Barakah Plant, ENEC, KEPCO, and Nawah are conducting a comprehensive review programme in preparation for operations to ensure that the people who will operate and maintain the plant also meet the highest standards of competence and readiness. The project thus now shifts its focus to completing operational preparations required to obtain the approval of the Operating License by FANR.

Strict regulations

As per the UAE Nuclear Law, the construction and operation of nuclear energy plants are subject to regulation by FANR, the UAE's independent nuclear regulator. Once Nawah staff have confirmed that the plant, its people and related programmes, processes and procedures are all ready, they will seek the approval of FANR to begin the loading of nuclear fuel assemblies and the start-up of Unit 1. Prior to granting such approval via the issuance of the Operating License for Units 1 and 2, FANR is carrying out detailed inspections and reviews of all aspects of the plant and the operating organization.

In addition to FANR's extensive review process, and in line with the commitment made by the UAE in 2008 to adhere to the highest standards of safety and operational transparency, Unit 1 and its operating

The Barakah Nuclear Energy Plant is the largest nuclear energy new build project in the world

team are undergoing a number of assessments by independent international nuclear energy experts from the International Atomic Energy Agency, (IAEA), and the World Association of Nuclear Operators, WANO. These all-inclusive assessments will review both the physical infrastructure of the reactor as well as the competency and expertise of the reactor's operating team and administrative staff.

Barakah Units

Along with the above activities, ENEC also continues to manage the construction of Barakah Units 2, 3 and 4, which are benefitting from the experience and lessons learned during the construction of Unit 1 and which are likely to achieve even more impressive construction schedules.

The Barakah Nuclear Energy Plant is the largest nuclear energy new build project in the world, with four APR-1400 units under simultaneous construction. Construction of the Barakah Nuclear Energy Plant began in 2012 and has progressed steadily ever since. Construction of Units 2, 3 and 4 are 92 percent, 81 percent, and 66 percent complete respectively.

The construction of the Barakah plant as a whole is now 86 percent complete. Once the four reactors are online, the facility will deliver clean, efficient and reliable electricity to the UAE grid for decades to come, providing around 25 percent of the country's electricity requirements and saving up to 21 million tonnes of carbon emissions annually. ■



By hosting the World Summit of Governments Dubai ushers in the future

The United Arab Emirates, which keeps organizing exceptional international events and hosting fascinating conferences, was on 11 February busy launching the sixth session of the World Summit of Governments with representatives of 140 governments and 16 prominent international organizations, along with the most important companies in the UAE. The summit was held under the patronage of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President, and Prime Minister of the UAE and Ruler of Dubai.

The event lasted three days, covered a wide range of vital and developmental issues that are central to the work of governments of next generations, and sought to explore the future of these governments, including potentials and challenges and how to address them. The delegations also examined opportunities to develop partnerships between international and governmental organizations to meet current and future urgent needs, as well as the possibilities to

build effective and fruitful cooperation mechanisms between the public and private sectors, to invest in the best technical and human resources to create a better future for all.

The Indian Partner

His Highness Sheikh Mohammed bin Rashid Al Maktoum stressed that the summit is held for the benefit of humanity. “The World Summit



of Governments is a source of knowledge for government officials, a research opportunity for experts and thinkers and a platform for exploring the future of humanity in all sectors,” HH said. “The summit has become a gathering of minds seeking to chart the way forward”, HH added.

Welcoming India as a guest of honor at the 6th Summit, HH said: “The Indian experience is inspiring. The Indian Prime Minister is a leader who has made a difference. The Indian nation has left its mark on the world,” HH pointed out. “Governments today are required to be more dynamic in dealing with future fast -changing situations .. We are seeking to create new international partnerships, modern policies and innovative business systems that will empower tomorrow’s governments”, HH explained. “Today, our youth are able to organize the best global summit in the name of the UAE”, HH concluded.

The Summit, whose slogan was “Exploring Future Government Prospects,” hosted 130 global speakers in 120 interactive and interactive brainstorming sessions for more than 4,000 people from 140 countries, including officials, scientists, innovators, researchers of the finest minds and leading experts who met to contribute to building a common international platform for government action aimed at improving the performance of governments.

The summit, the world’s largest technocratic gathering of cognitive nature, sought to explore the latest global innovations in many key sectors and to monitor advanced scientific and intellectual trends that can inspire decision-makers to develop constructive policies, organize future government action, and open up new avenues with sustainable future programs.

The long list of speakers included prominent



figures such as Edward Philippe, Prime Minister of France, Jim Young Kim, the World Bank President, Christine Lagarde, Director General of the International Monetary Fund, Audrey Azoulay, Director-General of the United Nations Educational, Scientific and Cultural Organization, Angel Gurría, Secretary-General of the Organization for Economic Co-operation and Development, and Klaus Schwab, President of the World Economic Forum (Davos).

Princess Haya Bint Al Hussein

HH Sheikh Mohammed bin Rashid Al Maktoum's wife, Her Royal Highness Princess Haya Bint Al Hussein, Chairperson of the International City of Humanitarian Services, delivered a keynote speech on international humanitarian work at the Summit.

At its sixth sitting, the World Summit of Governments included six forums, whose work focused on themes related to the presentation of future government action, and ways of ensuring tangible improvements of life in human societies. The Space Settlement Forum, organized in partnership with the Mohammed bin Rashid Space Center, discussed future opportunities for space exploration and how to use space science to optimize human resource. On the other hand, the Artificial Intelligence Forum discussed the role and limits of artificial intelligence in future functions, which is a major headache in vital sectors. It also explored the impact of artificial intelligence on human productivity and whether it can enhance it.

The Climate Change Forum made strong showing at the Summit, through sessions that examined the most important climate challenges threatening the stability of societies, the country's infrastructure and resource. Meantime, the Arab Youth Leaders Forum attracted attention, it is a permanent platform to raise the pressing issues of youth, ways to channel their energies and potential, and to benefit from their talents.

The fifth forum was the Global Dialogue of Happiness, which offered debates and meetings with experts and scientists who explored the concept of happiness as a system of work. They



reviewed relevant global experiences and discussed happiness as a value before examining indicators of measurement and their role in enhancing the efficiency of government sectors. Meantime, the Sustainable Development Goals Forum was a focal point of interest. It attracted attention and hosted experts from around the world who shared their views on the opportunities to implement these global goals.

Unifying government policies

The Summit organized the Global Policy Platform, for the first time. It was a platform for bringing together international actors to improve government policies and ensure a better future for humankind. The platform's events included discussing a number of issues, on which experts, politicians and 16 international organizations exchanged views. The main themes of these sessions were the role of the technological revolution in the financial sector, ways of strengthening international partnerships in the health sector, the future of trade and globalization, coordination of economic policies, the future of education and the Fourth Industrial Revolution, among others. The international organizations which participated in those meetings included the International Monetary Fund, the World Bank, the World Health Organization, the World Trade



Organization, the International Organization for Migration, the United Nations Educational, Scientific and Cultural Organization (UNESCO) and the Organization for Economic Cooperation and Development.

Reports, innovations and awards

The World Summit of Government served as a platform for the launch of more than 20 reports and studies, including the Government Guide to 2071, which presents a general vision of mechanisms to upgrade government system in the next half century, and also the Government Readiness Index for the Future. As a permanent activity, the Museum of the Future has been at the center of v attention of visitors, who have come to learn about the potential role of artificial intelligence in the lives of people and to learn about the latest technological innovations that will form the lifeblood of the future.

Another notable event was the Innovations of Creative Governments, organized by the Mohammed Bin Rashid Center for Government Innovation, to allow many international governments to showcase their experiences, ideas, projects and innovative solutions to meet potential challenges.

At the end of the Summit, four international awards were presented: the Government Innovations Award for the Government of Kenya for the Smart Vehicle Maintenance Project; the Global Universities Challenge for Future Government Prospects, which was won by a team of London Business School students who offered the best Plans to achieve the goals and objectives of the “UAE 2071 centinnial”; the Government Technology Award, which included the Award for Best Government Mobile Service, the Hacathon Virtual Governments Award and the Emerging Technologies Emerging Governments Award. ■

To enhance the UAE pioneering position “Saif bin Zayed Academy” is set up

HH Sheikh Mohammed bin Zayed Al Nahyan, Crown Prince of Abu Dhabi and Deputy Supreme Commander of the UAE Armed Forces and Chairman of the Executive Council of the Emirate of Abu Dhabi, has issued a decree establishing the Saif bin Zayed Academy for Police and Security Sciences.

The Academy has been founded in order to improve the performance of Abu Dhabi police and others through training and practical education in various fields of police, security and auxiliary sciences.

The decree also stipulates that the Academy is responsible for setting up general and applied training programs in all relevant fields, organizing police, security, administrative and technical training courses, enhancing cooperation with scientific and police institutions and developing skills of members of the Abu Dhabi Police.

The Academy shall be managed by a Board of Directors appointed by Executive Council. It shall also have a Scientific Council named by the Board of Directors.

A scientific lighthouse

HE General Mohammed Khalfan Al Rumaithi, Commander-in-Chief of Abu Dhabi Police, hailed the decision of His Highness Sheikh Mohammed bin Zayed Al Nahyan, stressing that the Saif bin Zayed Academy for Police and Security Sciences “ will be a pioneering scientific lighthouse and a distinctive contribution to our country”, embodying our keen interest to keep up with the fast moving development of policing and security work.

HE Gneral Al Rumaithi thought that the naming of the Academy after HH Sheikh Saif bin Zayed Al Nahyan, Deputy Prime Minister and Minister of Interior , was a tribute to the leader of the development of policing and security work in the UAE. HE continued to stress that HH Sheikh Saif bin Zayed Al Nahyan is one of the pioneers of change and development in police work and that many of the



achievements of the past years, were based on HH deep belief that work must be constantly updated and modernized to the highest degree possible.

General Al Rumaithi explained that Abu Dhabi Police General Command were proud of the Saif bin Zayed Academy for Police and Security Sciences, highly appreciative of its objectives to improve police performance through relevant practical and theoretical training. HE though it would also help to follow-up developments, and establish closer cooperation in the areas of policing and security with institutions of common interest.

HE added that the establishment of the academy is introduced in the context of the integrated development enjoyed by our country, based on our wise leadership strong belief of the importance of scientific research in preparing policemen and security cadres capable of maintaining peace and order as well as contributing effectively to taking the process of sustainable development forward. ■



In line with Sheikh Mohammed bin Rashid's directives
Linkage of residential blocks with the
civil defense system

Lt. General HH Sheikh Saif bin Zayed Al Nahyan, Deputy Prime Minister and Minister of Interior, chaired an emergency meeting of the civil defense departments in the UAE to discuss the best way of applying the directives of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, on the linkage of residential buildings with early warning systems and civil defense operations rooms.

HH Sheikh Saif bin Zayed then approved the solution presented by the High Committee for Civil Defense and a number of specialists. HH then directed relevant bodies to immediately begin linking houses of all kinds to the Civil Defense Operations Room through a smoke- sensor system that operates independently without the need for extensions, while providing an internal siren for immediate evacuation as a first response stage. Instant applications should be handed in to the Ministry of Interior through its website and smart application.

Housing protection systems

Major General Jassim Al Marzouqi, Commander of Civil Defense at the Ministry of Interior, thanked His Highness Sheikh Mohammed bin Rashid Al

Maktoum, Vice President, and Prime Minister of the UAE and Ruler of Dubai, for his directives to the Civil Defense. He praised the wise decision to speedily install active systems that provides full protection from fire in the homes, and expressed appreciation of His Highness' directive that the Government should bear the installation costs for those who cannot.

Al-Marzouqi pointed out that the General Directorate of Civil Defense recently launched the first national system of surveillance, warning and intelligent control of buildings, called (I fortified you), in order to speed up the response to emergencies.

Awareness Plan 2018

Al-Marzouqi pointed out that the General

Directorate also launched the “Smoke Detector for Your Home Safety” campaign to consolidate the prevention and protection of homes, highlighting the role of the head of the family in taking the necessary measures to protect his family by providing adequate safety requirements at home. The 2018 awareness plan included intensifying efforts aimed at the general public, in addition to those targeting schools to apply safety and prevention guidelines among students, within Khalifa’s empowerment program, called “I Can”, to raise students awareness of the risks involved.

Dubai’s 71000 smart panels

In addition, it is reported that 71000 smart panels connected to the operation room in the Civil Defense in Dubai , are working around the clock to monitor the work of elevators, water tanks, ventilation outlets, systems and devices. The number of buildings connected to the smart system of 62 thousand and 800 buildings, while the number of Dubai buildings ready for installation are 69000.

Colonel Ali Hassan Al Mutawa, Assistant General Manager of Smart Services for Civil Defense in Dubai, said that the operations room includes 29 reception platforms in different colors. He pointed out that Dubai uniquely install early warning systems in buildings and commercial and industrial buildings.

He stressed that the early warning system associated with the operations is in fact more important than the presence of extinguishers and control devices, especially because the connection enables civil defense teams to be present at the scene to fight the fire as soon as possible even before the owner’s taking note of the fire, in some cases.

Operation room pads

Col. Al-Mutawa pointed out that the 29 reception platforms in the operations room have different colors to indicate a variety of situations and their degree of complexity. He noted that the surveillance of buildings differs from that of houses, not least because the earlier is more complex. He added that



the smart panels are divided into sectors covering the entire area of the Emirates. Col. Al-Mutawa also said the system has been linked to banks, schools, factories, shops, worship houses, hotels, other places of work and public sites.

The Assistant General Manager of Smart Services for Civil Defense in Dubai said that 45 intelligent services are provided by the civil defense in Dubai through the relevant website, including the request to trade chemicals and hazardous materials, and the import of balloons , the setting up of flammable liquid tanks, and the request for the approved of a warehouse of hazardous materials.

Family training

Colonel Al-Mutawa stressed that the awareness plan includes training families and servants as well on ways to take preventive measures, in addition to training them to protect, escape, help others and use safety equipment such as extinguishers at homes.■



NCEMA's Director General: Mohammed bin Zayed is the source of our pride



HE Dr Jamal Mohammed Al Hosani Director General of the National Emergency and Disaster Management Authority (NCEMA) said the United Arab Emirates is immensely proud of HH Sheikh Mohammed bin Zayed Al Nahyan, Crown Prince of Abu Dhabi and Deputy Supreme Commander of the UAE Armed Forces..

Dr Al Hosani also spoke highly of the “ Thank you Mohammed bin Zayed “ initiative that was launched by HH Sheikh Mohammed bin Rashid Al Maktoum, Vice President, and Prime Minister of the UAE and Ruler of Dubai, in order to convey a message of appreciation to his brother Sheikh Mohammed bin Zayed Al Nahyan. Dr Al Hosani stressed that the initiative eloquently expressed the UAE's love and gratitude for HH Sheikh Mohammed bin Zayed Al Nahyan.

Dr Al Hosani added: we pledge to the wise leadership to remain firmly behind HH Sheikh Mohammed bin Zayed Al Nahyan, the shield of the nation and to face under His leadership all the challenges that may come our way. He continued to state that HH Sheikh Mohammed bin Zayed Al Nahyan is an exceptional leader who has a special place in the hearts of all well-meaning people in the UAE and beyond. Al Hosani then described HH Sheikh Mohammed bin Zayed as a carbon copy of his father, the Late Sheikh Zayed bin Sultan Al Nahyan, because HH loyally follows the Founding Father's approach to leadership, governance, wisdom and friendly embrace to all people. ■



In search of initiatives for “the Year of Zayed” NCEMA holds brainstorming session for its staff members

In line with the His Highness Sheikh Khalifa bin Zayed Al Nahyan’s naming of 2018 as “the Year of Zayed”, the National Emergency, Crisis and Disaster Management Authority (NCEMA) held a brainstorming session for its staff. It is worth pointing out that HH Sheikh Khalifa’s initiative is designed for celebration of the late Sheikh Zayed bin Sultan Al Nahyan’s centenary and highlighting of his achievements.

His personality

The aim of the session was to put together projects, activities and events, which can highlight this extraordinary personality and the prominent role he played both globally and locally. They were searching for thoughts that could also emphasize Zayed’s love for his people and homeland as well as the humanitarian work he accomplished in many parts of the world. Indeed, Zayed’s glorious international reputation remains a source of pride for all Emiratis.

There was a number of brainstorming sessions as each directorate conducted its own separately. HH Dr. Jamal Mohammed Al Hosani, NCEMA’s Director General, and HE Saif Mohammed Arhama Al Shamsi, Deputy Director General, toured the departments to follow up and participate in those sessions and exchange views with staff members as to how NCEMA’s initiatives can enhance the state’s progress.

Various initiatives

This year’s many initiatives will be carried out in collaboration with various stakeholders, as part of a plan to target all segments of society and reflect the love we all have for our immortal founding father.

The Director General praised the employees’ ideas which will contribute to the launch of effective projects that enhance the prestige of the late Sheikh Zayed bin Sultan Al Nahyan among all those who benefited from his goodness, in the UAE and well beyond . ■



NCEMA discusses ways of cooperation with the GCC Centre for Emergency

HE Dr. Jamal Mohammed Al Hosani, Director General of the National Emergency, Crisis and Disaster Management Authority (NCEMA), discussed with Dr. Adnan Mahmoud Al Tamimi, Chairman of the GCC Center for Emergency Management, matters of common interest. NCEMA's Abu Dhabi's headquarters hosted the meeting, where both sides exchanged views on ways of enhancing coordination, sharing knowledge and programs in the areas of risk management. The talks also touched upon the best practices and international expertise to raise the level of effectiveness of procedures and plans for emergency, crisis and disaster management system in the Gulf Cooperation Countries (GCC) countries.

Dr Al-Tamimi spoke about his appreciation of the

UAE support to the Center since its establishment, which helped it accomplish many of its tasks successfully. He was also happy with the cooperation level between NCEMA and the Center that contributed to enhancing the operational capacity and regional performance of the Center.

Achievements of the Center

Dr Tamimi gave a brief presentation on the achievements of the Center, its programs and activities, including training, exercises and the development of regional risk plans.

The GCC Ministerial Council adopted the Gulf Emergency Plan in 2014 and directed the GCC Emergency Management Center to implement it. The GCC Emergency Management Center was formally established in December 2013 and is based in the State of Kuwait. ■

Talks are held to enhance relations between NCEMA and the Jordanian Centre of Crisis Management

HE Dr. Jamal Mohammed Al Hosani , the Director General of the National Emergency, Crisis and Disaster Management Authority (NCEMA) , met with a Jordanian delegation led by HE Adnan Ahmed Al-Abbadi, Vice-President of the National Center for Security and Crisis Management in the Hashemite Kingdom of Jordan. They explored ways to enhance cooperation and joint action in areas of mutual interest. They also discussed partnership frameworks in the field of emergency, crises and disasters management and the exchange of experience as well as strategic policies in dealing with risks in general and readiness.



The delegation listened to a presentation on NCEMA's strategy and vision aimed at strengthening the country's emergency, crisis and disaster integrated system under the umbrella of the Supreme Council for National Security, and the development of standards, regulations and legislation related to risk management. This work is to be carried out in collaboration with all concerned including NCEMA's strategic partners in both private and public sectors.

Praising NCEMA

Dr. Al Hosani spoke highly of the excellent bilateral relations between the two countries in all fields, including risk management. Al-Abbadi, on the other hand, was thankful for the hospitality extended to the delegation, praising the cooperation and exchange of views on a wide range of subjects such as readiness to deal with all risks and the unified vision towards developing and enhancing the preparedness of countries to deal with emergencies and crises.

Abbadi praised NCEMA's readiness and its developed capabilities, plans and human resources

qualified in the field of emergency, crisis and disaster. He also noted with respect, the important role NCEMA plays in the field of risk management at the national level.

Emergency system and levels

Dr. Saif Jumaa Al Dhaheri, Director of NCEMA's Safety and Prevention Department outlined emergency and crisis system components in the UAE and the emergency levels and crisis management stages adopted by NCEMA in order to enhance the readiness of the State in dealing with risks.

The visiting delegation also learned about the UAE readiness to implement the international framework for risk reduction by filling gaps and adopting the standards, meeting requirements and objectives in accordance with the requirements of the Sindai International Framework. The delegation toured the center for national informatics, during which the visitors were acquainted with the 24/7 work cycle to monitor the situation and coordinate action with the partners when needed. ■



NCEMA and Urban Planning Municipalities Department sign MOU

HE Dr. Director General of the National Emergency, Crisis and Disaster Management Authority (NCEMA), stressed the importance of a memorandum of understanding he signed with HE Mubarak Obaid Al Dhahiri, Undersecretary of the Urban Planning and Municipalities Department, in order to strengthen bilateral relations of cooperation and coordination between them in emergencies, crises and disasters- related matters.

The memorandum focuses mainly on methods of cooperation and the exchange of information, database, geographic information and maps, as well as archival data for serious risks of emergencies, crises and disasters. The two sides agreed to work to develop the vision and mechanisms necessary for the exchange of information to contribute to the security, prosperity and stability of the country.

HE Dr. Al Hosani said "The importance of this agreement with the Urban Planning and Municipalities Department lies with the fact that it serves both parties in the management of emergencies, crises and disasters, in order to join

efforts between different sectors in the interest of the country."

Dr. Al Hosani: high readiness

He added that the NCEMA is keen to conclude bilateral agreements and memoranda of understanding with partners to ensure that high readiness is maintained and any emergency will be responded to effectively. He pointed out that preparedness is an important element in our strategic plans to confront and manage crises. Dr Al Hosani then explained that cooperation with the Urban Planning and Municipalities Department



will contribute to raising the level of coordination and exchange of experiences, information, data and resources available to both parties.

The two parties also agreed to exchange data and update them simultaneously, especially with regard to emergency, crisis and disaster management information systems, in order for the date to be used as an effective tool for planning, preparedness and response to emergency and crisis management.

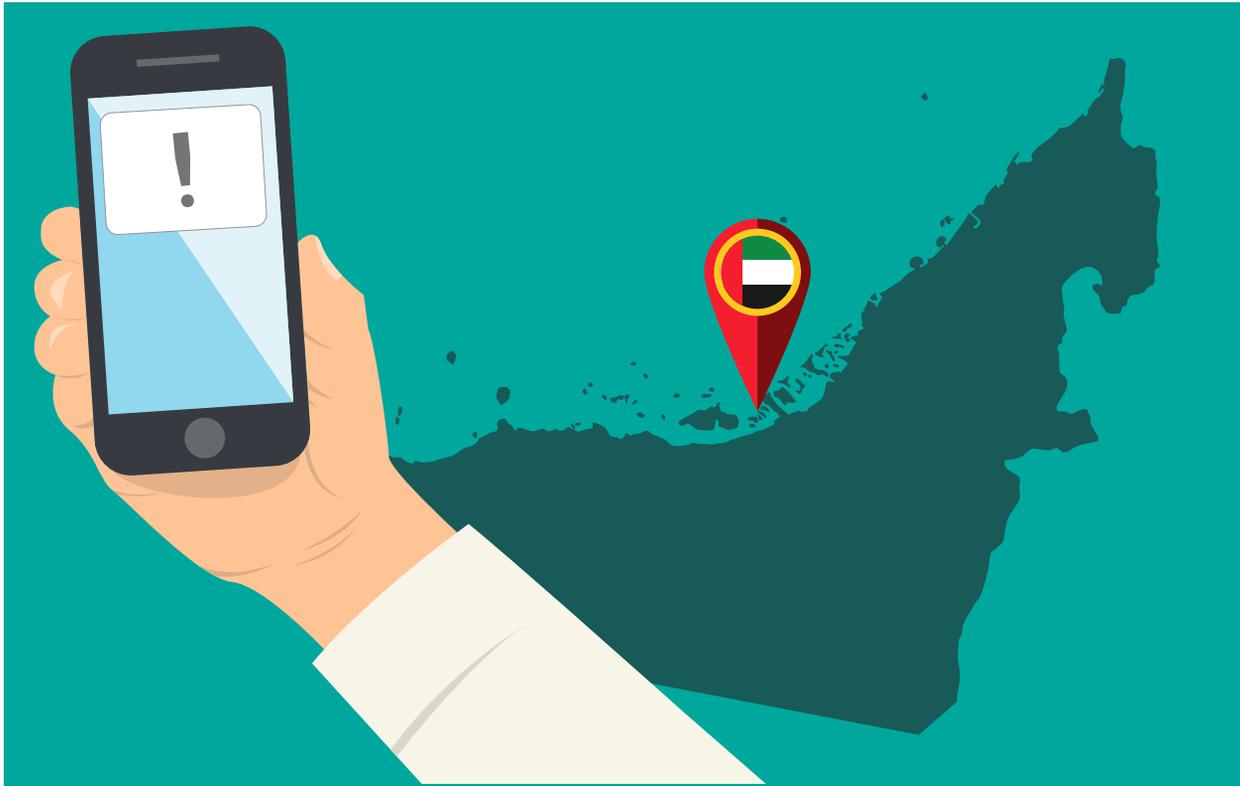
Dr Al Hosani went on to suggest that "the signing of this agreement reinforces the participation of community institutions and various sectors in emergency and crisis management efforts". He then outlined NCEMA efforts to develop laws, policies and procedures related to standardization and sustainability of emergency, crisis and disaster management. In addition, NCEMA is responsible for the setting readiness requirements in memoranda of understanding which it signs with strategic partners from various sectors.

Mubarak Al Dhahiri: UAE Leadership

In his turn, HE Mubarak Obaid Al Dhahiri,

Undersecretary of the Urban Planning and Municipalities Department, said that the memorandum aims at enhancing cooperation between the two parties in emergencies, crises and disasters, in line with the strategy of the Department, which is keen to play its national role alongside others. He stressed that in order to achieve the comprehensive development plans of the state, the signing of the memorandum was necessary not least because it would undoubtedly contribute to achieving better outcomes and enhance readiness in emergencies and disasters.

He pointed out that the signing of the MOU underscores the Department's keenness to work closely with the NCEMA and to support its efforts to realize its objectives to protect lives and preserve state property. He praised NCEMA's pioneering role in all aspects of national action in response to emergencies, crises and disasters, stressing the importance of volunteering in order to serve the country. The signing of the memorandum was attended by a number of directors and officials from both sides. ■



It puts the UAE in the front **NCEMA launches an early warning system**

HE Dr. Jamal Al-Hosani, Director General of the National Emergency, Crisis and Disaster Management Authority (NCEMA) , expressed his pride in the national early warning system project (EWS) launched early last March. HE stressed the wise leadership's generous support for the project, which would have not been possible without the guidance of HH Sheikh Tahnoon bin Zayed Al Nahyan, the National Security Advisor.

Dr Al Hosani was speaking at NCEMA's launch of the first phase of its pioneering project and the activation of warning -messages which reach the public on their mobile phones. It is worth noting that the EWS can put out urgent warning messages designed to reach recipients wherever they are in a few seconds. The warning message automatically appears on the target person's mobile phone screen, with an alarm tone accompanied by vibrations to

alert the receiver. It provides guidance as to how to avoid impending danger.

Who will benefit most?

Abu Dhabi Police is one of the top beneficiaries of this EWS and will use it to broadcast warning messages to the public in exceptional circumstances. Other NCEMA's partners can also use it in emergency cases.

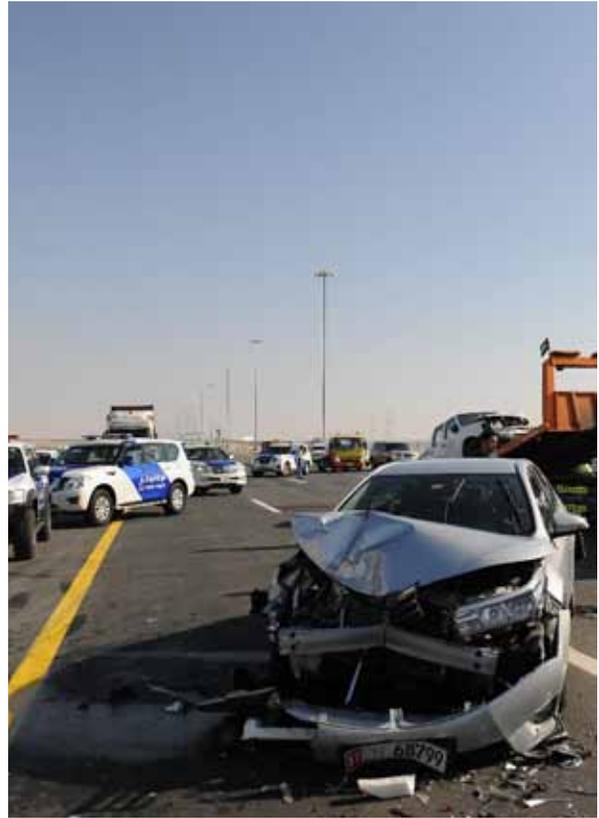
NCEMA's Director General said at the launch that this achievement, is the first of its kind in the region. It comes as a result of the continuous support of the wise leadership and the joint cooperation among government agencies to strengthen the state's position in the international community. Having indicated that EWS is closely related to universal development, Dr Al Hosani said the EWS is ready for use, thanks to the directives of HH Sheikh Tahnoon bin Zayed Al Nahyan, the National Security Advisor, who always insists on maintaining the highest degree of readiness, the use of effective means of early warning and raising awareness to reduce the impact of disasters speedily and effectively.

Dr Al Hosani added that the UAE has become the first Arab country to establish an integrated system for the use of modern communications technology to warn and protect society. HE pointed out that this achievement is the first step in the general plan for early warning and that NCEMA has already begun working on the plan, with governmental partners responsible for other means of dissemination, including radio, television, mosques and smart panels. The aim is to expand the scope of the warning and ensure it reaches as many people as possible, swiftly, before, during or after the emergency.

NCEMA's high standards

HE noted that NCEMA seeks to adopt the best international standards and practices in the field of emergency and crisis, especially those related to early warning. It has implemented international standards regarding warning messages on mobile phones. In coordination with the Telecommunications Regulatory Authority, UAE specifications have been issued and phone manufacturers deployment of those specifications has been supervised. In addition, there has been the rehabilitation and activation of telecommunications networks licensed in the country to comply with the technical requirements of the system.

Dr Al Hosani stressed that the EWS is one of the main pillars of the NCEMA's strategic plan, which aims to strengthen its role along with the concerned parties, in the face of emergencies, crises and disasters. He added that the warning is not limited to the approved emergency levels, and NCEMA took



into consideration the fact that relevant authorities will benefit from the system. Consequently, NCEMA allocated warning categories for use in major events which may become emergencies.

Training to use the system

Dr Al Hosani explained that the NCEMA is currently working with government agencies which share its interest in emergencies and crises to train national cadres to use the new electronic system.

He believes the response of the public and its interaction with warnings is a key element to ensure the effectiveness of such a device. Monitoring and detection process is no less important than the publication and communication, and both complement one another in the process of conveying the right guidance to those affected so that they are protected from damage. ■

“We deploy local culture to promote national identity and refine the skills of interacting with other cultures”

**HE Noura bint
Mohammed Al Kaabi**

*Minister of Culture and
Knowledge Development,
said To “ **Tawaree** ”*

We look forward to the outcome of the Summit and its 65 workshops to form a roadmap to the future.

.....

We are not interested in building a single global culture, but a diverse world of cultures.

.....

The Ministry of Culture and Knowledge Development makes the effort to promote a culture of public safety in society.



Minister of Culture and Knowledge Development Noura bint Mohammed Al Kaabi stressed that raising public awareness about safety is at the forefront of the Ministry of Culture and Knowledge Development's interests, pointing out that more efforts are being made " to ensure preservation of life and assets if disasters or risks strike, and minimize their damage as much as possible by encouraging intellectuals, artists, writers and the media to help educate all age groups, including children, who represent a key component of educational development"

In an interview with "Emergency and Crisis", Her Excellency explained how optimistic she was about the success of the cultural summit hosted by Abu Dhabi in April, especially as it will be an important forum in which cultural leaders will contribute to shaping the future horizons of positive change that will leave great impact in our lives.

HE Noura bint Mohammed Al Kaabi argued that, in addition to her role in outlining the future, culture is an effective weapon which the UAE has always deployed in the interest of good and moderation. HE stressed that culture plays "a key role in combating extremist ideas by raising awareness among the youth, ensuring they are immune to destructive thought and deviant conduct, and exposing the facts and dangers of this deceiving discourse"

In order to invest in our Arab culture and to harness its creative abilities in the fight against sectarianism and to promote moderation in the region and beyond, advanced thoughts and techniques such as artificial intelligence should be deployed to pave the way for a brighter cultural future. Furthermore, to make Arabic a reliable tool in combating extremism, the UAE is "spearheading efforts and initiatives to preserve it", enhance its integrity and elevate its status, the Minister said.

The full text of the interview is published below:



• Culture is deeply rooted in UAE society, shaping its unique features and identity. Now that the UAE has become a state of world culture, especially after the opening of the Louvre, how do you reconcile indigenous and international cultures?

Indigenous culture derives its originality from the environment in which it was nurtured throughout successive historical periods spanning hundreds of years. We deploy local culture to promote national identity and refine the skills of interacting with global cultures in order to ensure coexistence and communication between different communities. Every local culture aspires to develop, grow and prosper to achieve universality and thus bring about the desired impact on individuals and societies.

We believe in the need to have every interest in original local culture while keeping an eye on contemporary cultures with the intention of taking advantage of any positive elements they may offer to help us serve society, safeguard our cultural heritage and original values, empower local culture and to preserve its uniqueness rather than letting it disappear in a melting pot world cultures. And thus doing all that, we establish the



Interview

The Charter for the Arabic Language, launched by HH Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, marks a milestone in the UAE's efforts to protect the language.

so-called “cultural diversity”; we are not interested in building a single global culture, but a diverse world of cultures, living and interacting with one another.

• In your opinion, how does the UAE rely on culture to strengthen the soft power it deploys to serve the good and peace in the region and beyond?

Countries use culture as one of tools of their soft power aimed at achieving their strategic goals and spreading their thought through cultural and artistic alliances.

The UAE has recognized the importance of deploying culture as a key weapon in its soft power arsenal. It has, therefore, established the Emirates Soft Power Council and has launched a strategy designed to develop a comprehensive government system for the formulation of sustainable programs with outlook that is both national and international at the same time. These programs include all the fundamental elements of the UAE culture, focusing on their human and cultural powers and building on its good reputation and image with special emphasis on the UAE heritage, identity and culture.

The strategy includes key themes such as cultural diplomacy, which we, in the Ministry of Culture and Knowledge Development, are working on by strengthening cooperation between countries to enhance the UAE's power and prestige, and build an attractive and compelling cultural image for other societies to see and admire.

One of the most vivid examples of the UAE's

soft cultural power is the opening of the Louvre Abu Dhabi Museum, which enhances Abu Dhabi's status as both a regional tourist destination and also a city that serves as a bridge for East-West culture, knowledge and dialogue.

• The challenges facing the forces of good are great with the spread of extremist ideology that promotes hatred and violence. How can you in the Ministry of Culture and Knowledge Development contribute to addressing these threats and fortifying society?

Culture and knowledge play a key role in combating extremist ideas by raising awareness among the youth, ensuring they are immune to destructive thought and deviant conduct, and exposing the facts and dangers of this deceiving discourse. Hence the need to confront this serious threat and bring different cultural and educational institutions, thinkers and intellectuals together in order to develop a modern cultural discourse able to address extremism and terrorism exposing this dangerous phenomenon. This work highlights the importance of drawing an integrated cultural plan that includes theater, cinema, art and other key elements which can help to explain the destruction of human life and society brought about by terrorism.

In order to achieve the desired goals, we must develop sustainable programs and strategies involving artists, writers, novelists, playwrights, painters and directors to promote the culture of enlightenment, defeat sinister projects and wholeheartedly help to establish a culture that reveres the values of creativity and enlightenment. The desired strategies could also raise awareness about rights, duties and citizenship in addition to establishing culture of moderation, compassion and appreciation of diversity and human dignity.

• What is the role of the Ministry of Culture in implementing the artificial intelligence strategy launched by His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President, and Prime Minister of the UAE and Ruler of Dubai?

The Ministry of Culture and Knowledge Development seeks to adopt modern technologies, including artificial intelligence and large data, to enrich the cultural scene and to shape its future role in the dissemination of intellectual and creative work on a global scale. The creative economy, driven by artificial intelligence, will help the UAE become a global leader in this area by making it possible for the country to establish partnerships between the public



and private sectors as well as creative individuals. For example, the UAE can take advantage of new technologies such as Google Art to introduce the UAE museums and arts to the world.

The UAE Government has provided funding for these ambitious projects. It has established the Cultural Development Fund, which aims to encourage cultural activities, to support initiatives seeking to promote country's cultural activities by adapting modern technology in culture, art and literature and to highlight Emirati gifts in the course of building formidable future generations armed with knowledge and culture.

• Abu Dhabi is hosting the Second Cultural Summit later on this April. What do you hope the Summit will achieve?

The Cultural Summit is the first high-level global summit to bring together officials and leaders of the world of art, media, politics and technology to identify ways in which culture can play an effective role in raising awareness, building bridges and promoting positive change.

The Second Annual Cultural Summit is held under the title "Potentials without Boundaries". It will host debates of a selection of leaders, officials and decision-makers on the role of art and culture in addressing regional, global issues in the 21st century and how technology along with new media and technical institutions can work together to handle global issues.

We look forward to the outcome of the Summit and its 65 workshops to provide specific recommendations to form a roadmap for cultural projects in the years to come.

• One of the strategic objectives of the Ministry of Culture is to consolidate and support Arabic. To what extent has the ministry succeeded in strengthening the status of the Arabic in this community, which opens its doors to speakers of hundreds of languages?

The UAE has taken upon itself the task of spearheading efforts and initiatives to preserve and promote Arabic at various political, economic, social and cognitive levels. The Ministry of Culture and Knowledge Development works to instill a sense of responsibility among children and young people towards Arabic, and their inherent belonging to their language which represents the supreme expression of identity and history.

The Charter for the Arabic Language, launched by HH Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and

Ruler of Dubai, marks a milestone in the UAE's efforts to protect the language. HH announced a package of carefully prepared initiatives aimed at preserving Arabic and promoting its role in society. One of the most important of these initiatives was the establishment of the Advisory Council for the Arabic Language, which I am honored to chair. We work in accordance with a well thought-out plan to implement the principles of the Charter and oversee all efforts to strengthen the status of Arabic language, and also initiatives to revive Arabic as a language of science and knowledge.

The development of environmental knowledge with the complexity of its modern ideas is necessary for an ambitious advanced society. How to instill this pattern of specialized knowledge in people's minds?

Giving enough attention to the environment is a legacy derived from the founding father Sheikh Zayed Bin Sultan Al Nahyan, may God bless his soul; it is part of our commitment to our society and future generations. The Ministry of Culture and Knowledge Development cooperates with relevant authorities to promote awareness among students and the public as to highlight what the best way of using environmental resources is. We firmly believe that knowledge is an important tool for the development of environmental culture. Good level of knowledge affects awareness of environmental problems and guides individuals to adopt environmentally friendly practices.

• The National Emergency, Crises and Disaster Management Authority and its partners seek to develop a culture of safety in order to preserve lives and property in society. How can you help to instill this culture in the minds of the public? What is the way to develop knowledge about the risks and how to confront them?

The Ministry of Culture and Knowledge Development makes the effort to promote a culture of public safety culture in society in order to ensure preservation of life and assets if disasters or risks strike, and minimize their damage as much as possible by encouraging intellectuals, artists, writers and the media to help educate all age groups including children, who represent a key component of educational development

Knowledge plays an important role in reducing the impact of risks and disasters by providing data and information, and predicting risks before they occur to ensure that scenarios are developed to deal with disasters and minimize its damaging impact as much as possible. ■



Helping to preserve peace and security **Abu Dhabi Police's outstanding innovations on display**

As part of its efforts to foster a culture of innovation in the UAE community, Abu Dhabi Police presented a number of innovations that directly relate to their areas of interest as well as to other environmental and social fields. It exhibited those designs in early February, during the "Emirates Innovation Month 2018" Yas Mall and Abu Dhabi Corniche.

Maj. Gen. Maktoum Ali Al Sharifi, Director General of Abu Dhabi Police, opened the police pavilion organized by the Center for Strategy and Corporate Development at Yas Mall, stressing that the UAE Innovation Month contributes to the development of the spirit of innovation and creativity. Major General Sharifi pointed to the need to transform innovations into opportunities for real development through creative institutions and individuals, thus contributing to the continuation

of the process of sustainable development and sustainable development.

A smart submarine

One of the outstanding innovations of the police exhibition was the Smart Submarine invented by Amira Adel Sulaiman, Sara Al Ameri and Shamsa Al Mansouri from the Department of Geography at the Faculty of Humanities at the UAE University. It can perform several security and environmental related



tasks, carry out exploratory missions, such as tracing people of unknown whereabouts or alien bodies on the seabed, and can sometimes replace divers in in risky situations.

The smart submarine is equipped with high-definition HD cameras and high-powered headlights. It operates by a control device, through an application that can be installed in a mobile phone, so that the submarine's motion appears on the screen and operates with Wi-Fi.

The submarine is armed with sensors to measure the degree of salinity, heat of sea water, and prepare precise environmental readings in this area. It can also perform its functions at night in sea water, water pools and ponds. It has been linked to computers, sensors and navigation systems, designed to conduct vessel observations, mapping the seabed, providing a complete database on marine navigation. Furthermore, the submarine can move very quickly and deal with the different environmental conditions of the sea.

Sensor

The program called "Sensor to Reduce Fog Accidents" and innovation, is a joint graduation project by students Sheikha Al-Jabri, Muza Al-Muhairi, Muhair Al-Ameri and Amal Al-Kaabi of the Higher Colleges of Technology for Al Ain . It attracted the attention of many visitors to the pavilion.

The device measures fog intensity through the sensor horns installed at the top of the light poles on the roads, and then sends the results to the notification system through Google Maps, showing the map, places and streets where the fog is classified by three colors, "high density: red, medium Density: Green, Low Density: White ".

Distances between cars

In order to provide more protection for vehicles in the difficult conditions resulting from the formation of fog, the exhibition offered a laser device to



determine the distances to drive vehicles safely in the fog and darkness.

This device was invented by a team comprises Colonel Mohammed Ibrahim Al Ameri, Director of the Directorate of Emergency and Public Safety in the Central Operations Sector, Captain Hamad Ahmed Al Balushi, First Assistant Mahmoud Ali Al Bairaqa and Coach Abdullah Mohammed Al Ali.

Colonel Amiri said that the device is flexible to use and it can be put behind the car, to launch a laser beam in red color intended to determine the safe distance between vehicles on the roads. He noted that the beam penetrates the fog at a specific pyramid angle, and then extends to the ground in the form of an umbrella, leaving a clear safety distance for vehicle drivers and giving them the opportunity to make the right driving decision to help avoid traffic accidents, especially when natural conditions make visibility limited.

It penetrates rain and darkness

He pointed out that the laser beam can penetrate the rain, and it does not cause health problems, both to the driver of the vehicle itself or the cars left behind. It can be used in dark roads to achieve the same goal.

Colonel Ameri stressed the degree of interest on the part of Abu Dhabi Police to meet the challenges in innovative ways, within an integrated security system that uses the most advanced technologies to ensure its future vision and enhance the Emirate of Abu Dhabi leadership in sustainable development, in line with the government's vision that calls for exploring the future in a thoughtful and advanced manner.

Mobile Communications Station

The state-of-the-art mobile communications service, which costs about AED 400,000 , was among the exhibited innovations. It saves about AED 10 million of estimated costs for current events. The team that completed the project includes the non-commissioned officer Jalal Hassan al-Balushi, the non-commissioned officer Ali Ahmad al-Balushi from the command affairs sector and the Abu Dhabi Police Information Center.

Commenting on the station and its role, Jalal Al Baloushi said: "The reliance on wireless networks in innovation is because it is a secure communication network that is being implemented in all countries." He stressed that "ICT-SAT is a multi- Shortcut to the Information Systems Center, which operates by satellite technology"

The exhibition also included "Pneumatic rubber bandage to protect school buses from collisions". The device was developed by Maha Zeid Al-Saqqaf Al Hashimi, Director of Cultural and Moral Guidance Branch in Protocol and Public Relations Department in the Finance and Services Sector. She explained that the invention consists of a rubber support, 20 cm thick in the front and rear corners of the buses, and a rubber bag that is installed between the pillars which works through high-speed sensors. She added, the bag comes out the collision time absorption of the impact strength. Maha went on to say that innovation contributes to raising the standards of traffic safety and enhancing community confidence in the innovative services offered by Abu Dhabi Police to gain their satisfaction and happiness. ■



In the presence of dignitaries
Saif bin Zayed attends final phase of
“Union 46” exercise

LT. General HH Sheikh Saif bin Zayed Al Nahyan, Deputy Prime Minister and Minister of Interior, attended the final phase of the joint internal security exercise “Union 46”. The exercise was conducted by specialized units of police and security forces in the Ministry of Interior, in the training city, and led by the Special Security Forces, in Sieh Almahab area in the city of Dhaid. A group of dignitaries and experts, including Dr. Jamal Mohammed Al Hosani, Director General of the National Emergency, Crisis and Disaster Management Authority (NCEMA), attended the event.

HH Sheikh Saif bin Zayed Al Nahyan described the participants in the exercise in his official Twitter account by saying: “Men who have pledged to God and the homeland to preserve the security of the homeland.”

Successful implementation

Meanwhile, Saif Abdullah Al Shafar, Undersecretary of the Ministry of the Interior, Chairman of the Supreme Committee for Internal Security, confirmed that the exercise was carried out according to plan, noting the efficiency of the participants. Thanks to everyone’s cooperation, in all policing sectors, the exercise was a success story, he said.

The general added that the exercise was a reflection of the strategic plans set by the Ministry of



Interior to develop the capabilities of its employees and provide them with the opportunity to refine their skills and develop other capabilities, praising the great preparations made by the security services concerned, which contributed considerably to the success of the exercise.

He pointed out that the “Union 46” exercise aims to enhance joint work and further develop it to be more effective in dealing with emergencies, security crises and system of command and control in the relevant sectors, as well as to consolidate skills in line with the highest standards of modern world.

Security and stability

Al Shafar stressed that the security and stability of the homeland are always at the forefront of priorities. The UAE remains one of the safest countries in the

world. It can continue the process of sustainable development, safely and securely, and move confidently towards further progress, prosperity and progress. He highly appreciated the continuing support of the wise leadership who spares no effort to enhance the policing system, including its Emirati cadres, so that they are always ready to defend the country and preserve its assets.

The exercise was attended by Lit. General Dhahi Khalfan Tamim, Deputy Chief of Police and Public Security in Dubai, Assistant Undersecretaries, General Police Commanders of the UAE, General Directors and a number of senior officers of the Ministry of the Interior, Major General Akab Shaheen Al Ali, Dr Al Hosani NCEMA Director General and representatives of a number of strategic partners of the Ministry of the Interior. ■

Princess Haya bint Al Hussein supports rapid response to risks

His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice-President, Prime Minister of the UAE and Ruler of Dubai's wife Her Royal Highness Princess Haya bint Al Hussein, President of the Board of Directors of the International City of Humanitarian Services, Ambassador of the United Nations for Peace, made a donation in support of the launch of a Special Fund to combat hunger and disaster around the world and provide rapid response to them.

The planned fund will provide energy-rich food to those trapped in disaster-stricken areas, as well as in conflict zones, to preserve their lives in difficult conditions where food and drink are scarce.

Thanks and appreciation

The Executive Director of the World Food Program, David Paisley, expressed deep appreciation and gratitude to Princess Haya Bint Al Hussein for her generosity and praised her continued support for the humanitarian efforts in general and for the program and its objectives in particular. He said "We thank Her Highness Princess Haya Bint Al Hussein for this generous support that has noble value in the sense that it helps to save people lives. In emergencies, WFP works urgently to provide food, and its support will have a major impact in strengthening WFP's efforts and ensuring its ability to respond immediately to critical situations at any time and place."

A universal symbol

He added "Her Highness Princess Haya Bint Al Hussein is one of the important international symbols in the field of humanitarian work, her efforts and continuous contributions have given her a special place in the hearts of hundreds of thousands of people who are greatly involved in saving them from hunger and poverty. We highly appreciate her efforts the needy around the world in very difficult situations."

Paisley explained that time is a crucial element in



the face of emergency and crisis successfully, which prompts the program to immediately start working after a disaster, crisis or emergency to provide food and drink to the victims and offer them the basic necessities of life in order to survive in these exceptional circumstances. He noted that the new fund, which will be managed by the World Food Program, will ensure that the resources are used optimally and that the time taken to distribute food to victims around the world is reduced.

Storage in Dubai

He added that Princess Haya Bint Al Hussein's support for the new fund will positively impact efforts to supply and store high-energy food in WFP warehouses located at the World Humanitarian City in Dubai, which will significantly reduce emergency response time anywhere in the world.

The World Food Program honored Her Highness Princess Haya Bint Al Hussein in 2015 and awarded her the World Champion for Fighting Hunger in recognition of her efforts and support for the program and her great contributions in helping it to achieve its goals, which she did in her capacity as an ambassador to the World Food Program against Hunger. ■