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06

Mohammed Bin Rashid Launches Dubai Economic Agenda 'D33'



40

Cadillac CELESTIQ:
A New Standard of Ultra-Luxury



تهانينا!

Herzlichen

Glückwunsch!

Congratulations!

Germany and the Goethe-Institut Gulf Region wish H.H. Sheikh Mohammed Bin Rashid Al Maktoum all the best for the 17th anniversary of his ascension as Vice President and Prime Minister of the UAE and Ruler of Dubai.

If you would like to learn how to congratulate in German, get in touch. As a special anniversary gift, members of Dubai Police can avail a 17% discount on our courses.



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Chairman's Message

"The future belongs to those who can imagine it, design it, and execute it. It isn't something you await, but rather create."

These inspiring words by His Highness Sheikh Mohammed Bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, truly epitomize the forward-looking spirit that is a unique characteristic of Dubai. The emirate's strategy of channeling innovation, sustainability and technology to create new opportunities for development is setting the pace for the bright future of its economic growth.

Dubai is today ranked among the top 3 countries in MENA region and one of the top 20 cities worldwide for innovation. A world leader in knowledge-based, sustainable and innovative-focused businesses, the city is constantly looking for new ways to improve both the daily lives of its citizens and those around the world.

With 100 transformative projects, the launch of the Dubai Economic Agenda 'D33' that aims to double the size of its economy by AED32 trillion over the next 10



**Prof. Mohammed
bin Fahad**
Executive Editor

years, shows the incredible depth of the vision of the leadership for the future of the emirate.

The recent unveiling of the new phase of the Dubai 2040 Urban Master Plan also outlines the Ruler of Dubai's transformative vision for sustainable urban development in the city. Focused on enhancing people's happiness and quality of life, this people-centric Plan focuses on reinforcing Dubai's competitiveness as a global destination by providing a wide diversity of lifestyle and investment opportunities for citizens, residents and visitors over the next 20 years.

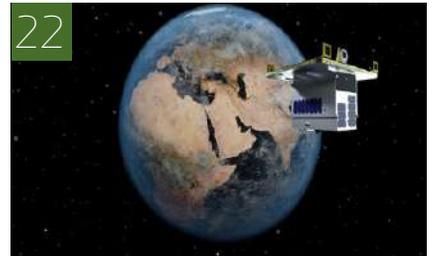
As Dubai marches ahead to consolidate its position among the top three global cities, and foster an environment for exponential growth, one thing remains constant - the commitment of the UAE's leadership to reimagine a sustainable future, to lead by example, and leave a significant and meaningful imprint across the world.

Contents



06 COVER STORY
Ruler of Dubai launches Dubai Economic Agenda 'D33'

12 LAUNCH
Sheikh Mohammed bin Rashid approves Phase II of ambitious Dubai 2040 Urban Plan



22 SPACE TECHNOLOGY: UAE's Space for Climate Observatory promotes peaceful use of space technology to address climate change

26 SUSTAINABLE CONSTRUCTION
Hatta Sustainable Waterfalls to adhere to highest international environmental standards



32 BIODIVERSITY: UAE reiterates support for adoption of global biodiversity framework at COP15

36 HONOUR
UN names Abu Dhabi's coastal and marine ecosystem preservation and rehabilitation programmes among top 10 global initiatives



40 ELECTRIC MOBILITY
Cadillac CELESTIQ: A New Standard of Ultra-Luxury

COP28
UAE businesses aim to restructure business models to support sustainable development in alignment with COP28 objectives



46

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48



HERITAGE: Abu Dhabi leads efforts to revive the heritage and traditions of the emirate's pearl industry

56

PANEL DISCUSSION
Sci-Tech Virtual Tour focuses on decarbonisation, renewable energy, and achieving net-zero emissions

64



CLIMATE ACTION: 7th National Dialogue for Climate Ambition explores innovations in waste management



Upcoming events

2023 Sediments Conference

Date: January 9-12

Location: Austin, Texas

This is a forum for sharing research results, practical experiences, and innovative approaches to investigating, remediating, and restoring the environmental and economic vitality of waterways and aquatic systems. The program reflects the growing body of knowledge about better ways to manage contaminated sediment systems using state-of-the-science data collection, analysis, and visualization, along with novel approaches in remedy design and implementation.

World Future Energy Summit

Date: January 16 - 18

Location: Abu Dhabi, UAE

The World Future Energy Summit is the world's leading business event, focused on the global transition to clean energy. Bringing together industry leaders, innovators and global thinkers, the three day event features a packed schedule of forums focused on Energy, Solar, Water, EcoWASTE, Smart Cities and Climate and Environment. In addition, an extensive exhibition featuring the latest technologies, services and products, offers unparalleled networking opportunities, business match-making and tangible ways to make a real impact on the future of sustainability.

Fashion Industry Target Consultation: Regional Workshops & Global Survey

Date: January 18 - February 9

Online

To accelerate the transition towards a sustainable textile value chain, UNEP launched the online Fashion Industry Target Consultation together with the non-profit organization Global Fashion Agenda, and G04SDGs. This consultation aims to identify and converge existing industry-aligned targets to establish a holistic industry route towards a net-positive fashion industry. The complete set of targets covers the following five priority areas: Respectful and secure work environments; Better wage systems; Resource stewardship; Smart material choices; and Circular systems

Mohammed Bin Rashid Launches Dubai Economic Agenda 'D33' With AED 32 Trillion Targets Over 10 Years

6

COVER STORY



10-year growth plan for Dubai sets total economic targets of AED 32 trillion

His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, has unveiled a plan to catapult Dubai into the world's top cities by economic strength in the next 10 years.

The newly unveiled Dubai Economic Agenda 'D33' has the ambitious goals of doubling the size of Dubai's economy over the next decade, and consolidating its position among the top three global cities.

H.H. Sheikh Mohammed bin Rashid said: "In line with our long-standing tradition of launching key new initiatives on 4 January, we approved the Dubai Economic Agenda 'D33' that aims to double the size of Dubai's economy in the next decade and consolidate its position among the top three global cities."

Ruler of Dubai aims to double size of economy to rival strongest cities in the world



H.H. Sheikh Mohammed added: “The Dubai Economic Agenda ‘D33’ includes 100 transformative projects, with economic targets of AED 32 trillion over the next 10 years, doubling our foreign trade to reach AED 25.6 trillion and adding 400 cities as key trading partners over the next decade.”

Sheikh Mohammed further said: “Dubai will rank as one of the top four global financial centres with an increase in FDI to over AED 650 billion over the next decade and an annual AED 100 billion contribution from digital transformation. Over 300,000 global investors in Dubai today are helping build Dubai into the fastest growing global city.”

Sheikh Mohammed added: “2033 will mark 200 years since the foundation of Dubai: the year in which Dubai will be the most important global

business centre, and by then we would have completed the D33 Agenda. We know our economic path over the next decade. The world makes way for those who know what they want.”

The launch of the ‘D33’ Agenda formed part of H.H. Sheikh Mohammed’s annual address on the anniversary of his Accession Day on 4th January.

The ‘D33’ Agenda includes the launch of innovative projects that will help achieve H.H. Sheikh Mohammed’s vision to make Dubai the world’s best city to live and work in. The value of the total targets set by the Dubai Economic Agenda ‘D33’ is AED 32 trillion by 2033.

The Agenda will drive sustainable economic growth through innovative approaches.

The Dubai Economic Agenda ‘D33’ aims to accelerate growth by investing in human



development, skillsets and advanced technology and consolidating Dubai's global competitiveness, innovation and knowledge-based economy.

The Agenda will invest in enhancing the advantages gained from Dubai's strategic location and its advanced infrastructure to raise the city's status as a preferred destination for major international companies and investments.

The Dubai Economic Agenda 'D33' sets ambitious goals including raising the total value of foreign trade in goods and services from AED 14.2 trillion in the past 10 years to AED 25.6 trillion in the next decade.

The 'D33' Agenda also aims to raise the contribution of Foreign Direct Investment (FDI) to Dubai's economy from an average of AED 32 billion annually in the past decade, to an average

of AED 60 billion annually in the next decade to reach a total of AED 650 billion over the next 10 years. The 'D33' Agenda will see a growth in government expenditures from AED 512 billion in the past decade to AED 700 billion in the next decade, with increased investment in future growth sectors and further development of traditional trade and economic sectors.

One of the pivotal goals of the 'D33' Agenda is to raise the competitiveness of the city's thriving business sector, which will enable the increase of private sector investment from AED 790 billion in the past decade to AED 1 trillion by 2033.

The 'D33' Agenda also aims to increase the value of domestic demand of goods and services from AED 2.2 trillion in the past decade to AED 3 trillion in the coming decade, in line with Dubai's vision for enhancing its vibrant trading sector

A key goal of D33 is placing Dubai in the top three cities by economic strength by 2033



and diversified economy.

Other objectives of the 'D33' Agenda include generating new economic value from digital transformation, at an average of AED 100 billion annually. The digital economy is a major pillar in the Agenda, with Dubai embarking on a new phase in which it seeks to pioneer and sustain the growth of an economy based on knowledge, innovation and future technologies.

The Dubai Economic Agenda 2033 focuses on a set of key priorities for the next decade, including raising the value added of the industrial sector and promoting export growth, contributing to sustainable economic growth, and achieving self-sufficiency in a number of key sectors and industries, including manufacturing.

Other key priorities include making Dubai one of

the five leading logistic hubs in the world, and one of the top four global financial centres.

The Agenda also seeks to increase the productivity of Dubai's economy by 50 percent through innovation and digital solutions.

Moreover, the Agenda aims to integrate new generations of Emiratis into the private sector, making Dubai a hub for skilled workers, the fastest growing and most attractive global business centre, and an international hub for global multinational companies (MNCs) and national SMEs.

Another key priority of the 'D33' Agenda is to make Dubai one of the top three international destinations for tourism and business by providing a globally competitive environment for business sustainability and driving down the cost



of doing business across a number of sectors.

The 'D33' agenda aims to enhance the city's position as a fast-growing and attractive business hub with world-class quality of life and ensure the highest levels of security and safety for Dubai's citizens and residents.

The Dubai Economic Agenda 'D33' seeks to add 400 cities as key trade partners and launch the Dubai Economic Corridors 2033 initiative to enhance existing foreign trade relations with Africa, Latin America and Southeast Asia. The Agenda will support the growth of 30 companies in new sectors to become global unicorns, and integrate 65,000 young Emiratis into the workforce and the private sector.

The Dubai Traders Project (DT33) will empower a new generation of Dubai traders in various major

growth sectors, driving growth in the city's vibrant trading hub.

The first set of projects of the Agenda also include the Dubai Unified License that will provide a unique commercial identity for all companies across economic zones, and 'Sandbox Dubai', which aims to make Dubai a major hub for incubating business innovation by enabling the testing and marketing of new products and technologies.

Agenda 'D33' also includes the launch of the Dubai Project to attract the world's best universities, as part of the broader aim of making Dubai a leading global hub for higher education, and a programme to promote the growth of SMEs by identifying 400 high-potential companies and supporting their capacity-building and global expansion.



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Sheikh Mohammed Bin Rashid Approves Phase II Of Ambitious Dubai 2040 Urban Plan

His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai has approved the second phase of the Dubai 2040 Urban Master Plan.

Phase II of the plan consists of several projects under 10 key initiatives, including Enhancing Urban Centres, Dubai Real Estate Strategy,



New Master Plan defines an integrated approach to the development of urban centres by providing equitable access to facilities, services and opportunities across the city for all residents

Urban Farming Plan, Preserving Urban Heritage Plan, Developing the 20-Minute City Policy, and the Pedestrian Network Master Plan. His Highness also reviewed the progress of 17 projects and initiatives that were part of the initial phase of the Dubai 2040 Urban Master Plan.

His Highness Sheikh Mohammed bin Rashid said, "Today, we have a clear vision for the development of Dubai's urban infrastructure and housing sector until 2040. Our goal is for Dubai to be an eco- and pedestrian-friendly city, and a city with a high yield from urban agriculture."

Phase II of Dubai 2040

H.H. Sheikh Mohammed bin Rashid Al Maktoum was briefed by Mattar Al Tayer, Commissioner General for Infrastructure, Urban Planning and

With several projects under 10 key initiatives, massive urban development plan focuses on walkability around the city

أهم ملفات المرحلة الثانية لخطة دبي الحضرية 2040



Well-Being Pillar, and Chair of the Supreme Committee of Urban Planning in Dubai, on the key projects of Phase II of the Dubai 2040 Urban Master Plan. The new phase includes an integrated plan for developing five main urban centres (three existing and two new centres) in Dubai.

The plan also prescribes a comprehensive strategy for Dubai's real estate sector up to 2040 to align it with the requirements of the Master Plan and strike a balance between supply and demand. It calls for proactive initiatives to manage opportunities and changes in the real estate market, achieve sustainable urban development, and boost investor confidence.

H.H. Sheikh Mohammed bin Rashid was accompanied by H.H. Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum, Crown Prince of Dubai and Chairman of Dubai Executive

Council; H.H. Sheikh Maktoum bin Mohammed bin Rashid Al Maktoum, Deputy Ruler of Dubai, Deputy Prime Minister, and Minister of Finance; and H.H. Sheikh Ahmed bin Saeed Al Maktoum, Chairman of Dubai Civil Aviation Authority .

The second phase of the Dubai 2040 Urban Master Plan includes a framework for high-yield agriculture and farming by identifying suitable locations and developing the infrastructure and facilities required to ensure food security. Phase II also outlines plans for preserving urban heritage to enhance the emirate's identity, promote historical areas, landmarks and buildings, and improve the tourism experience at archaeological sites.

20-Minute City Policy

The master plan also calls for developing a 20-minute city where residents can reach their



destinations within a 20-minute timeframe on foot or by bicycle. The project involves developing integrated service centres with all the necessary facilities and increasing the population density around mass transit stations, allowing residents access to 80 percent of their daily needs and destinations within 20 minutes.

Additionally, a plan will be developed to enhance and utilise urban spaces, such as alleyways, spaces underneath bridges, and squares, by augmenting the elements of well-being to make them attractive and relaxing for residents and visitors. The initiative contributes to enriching the beauty of urban areas, developing green corridors, reducing the carbon footprint, and enhancing the landscaping strategy. A comprehensive plan for pedestrians and soft mobility across Dubai will focus on connected pathways in high-density areas.

Phase II of the master plan involves defining an area within the residential neighbourhoods and developing it under the principle of integrated street network where facilities and services are focused on catering to the residents' needs. This initiative enhances well-being, supports soft mobility and reduces travel time within Dubai.

Achievements and accomplishments

HH Sheikh Mohammed bin Rashid Al Maktoum was also briefed by Al Tayer about the 17 projects that have been completed or are nearing completion. With the support and follow-up of Dubai's leadership, the Supreme Committee of Urban Planning in Dubai completed six projects, including Dubai's National Housing Policy. As part of the policy, a historic housing budget of AED65 billion was allocated for housing citizens in Dubai, doubling the number of beneficiaries of Dubai's housing programme.

The Dubai 2040 Urban Master Plan aims to make Dubai the world's best city for living



Among the completed projects was the launch of the Hatta Development Master Plan that offers investment opportunities to local residents, supports local tourism, attracts investments, strengthens partnerships with the private sector, and preserves heritage and nature.

The completed initiatives also included drafting the Urban Planning Law and developing an integrated planning database to support sustainable development in line with the emirate's plans. The initiatives also included the Dubai Countryside and Rural Areas Development Master Plan, which intends to preserve the nature of those areas and serve the needs of residents and visitors.

The Supreme Committee of Urban Planning aims to conclude another five projects by the end of this year, including a project to increase the size

of Dubai's public beaches and develop a draft of the Dubai Wellbeing Strategy.

The projects that will be completed next year include preparing a plan for integrating land uses and transport policies, landscaping policy, directing development in coastal areas and increasing the length of beaches, doubling the public parks and recreational areas, developing a sustainable mobility plan, and environment and sustainability plan.

The Best City for Living

The Dubai 2040 Urban Master Plan, approved by Sheikh Mohammed bin Rashid Al Maktoum in March 2021, aims to make Dubai the world's best city for living.

Accordingly, the city's urban infrastructure is set to be further modernised, with the development



focused on five major urban centres. The existing urban centres include Deira and Bur Dubai, historical areas that include museums, traditional and popular markets. The economic and trade centre of the city comprises the Dubai International Financial Centre, Sheikh Zayed Road, Business Bay, and Downtown, and serves various business and financial activities. The tourism and entertainment hub includes Dubai Marina and Jumeirah Lakes Towers and serves various economic and tourism activities.

The two new centres include Expo 2020 Centre, an economic and growth hotspot featuring affordable housing and a focal point for the exhibitions, tourism and logistics sectors; and Dubai Silicon Oasis Centre, a science and technology and knowledge hub that drives innovation, digital economy development and talent generation.

The new Master Plan defines an integrated approach to the development of the urban centres by providing equitable access to facilities, services and opportunities across the city for all residents. The plan identifies six urbanisation levels that follow a graded structure of urban centres of mixed uses and densities that perform specific residential and functional roles for the community within the scope of their services.

Based on these six levels, it would be possible to determine evolving infrastructure requirements—roads and transportation systems, energy and government services such as hospitals, schools, service centres, and service and recreational facilities—in a way that provides integrated services across all Dubai districts while enhancing the use of flexible and sustainable means of mobility.

نتقدم بأسمى آيات التقاني والتبريكات

إلى مقام صاحب السمو

الشيخ محمد بن راشد آل مكتوم

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UAE Launches Roadmap For National Carbon Sequestration

As part of its efforts to implement the UAE's strategic initiative to achieve Net Zero by 2050, the Ministry of Climate Change and Environment (MOCCA) launched the roadmap for the National Carbon Sequestration Project, which aims to plant 100 million mangroves by 2030, at the national level.

The announcement came during the second UAE



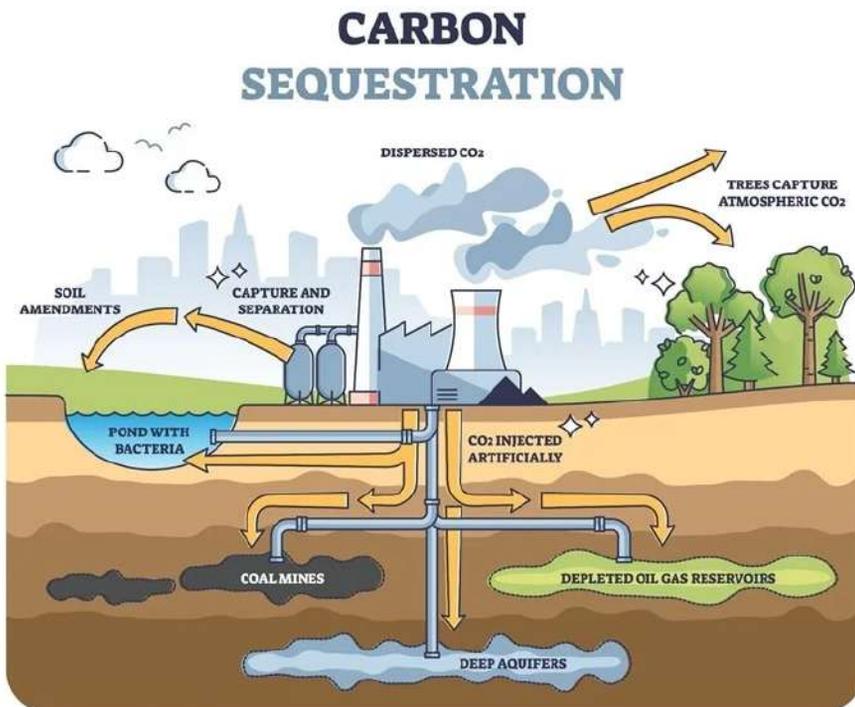
The UAE Green Business Toolkit 2.0 seeks to benefit from the business sector's increasing awareness about the importance of achieving net zero and building a low-carbon economy

Climate Change Council meeting, held on Jubail island in Abu Dhabi, and included a field tour for the Council members of the mangrove sites in Jubail Park.

The project is part of the strategic directions of the UAE to increase reliance on nature-based solutions in facing environmental challenges, and to enhance efforts to capture carbon dioxide to mitigate the effects of climate change and enhance adaptation capabilities.

Mariam bint Mohammed Almhairi, Minister of Climate Change and the Environment, said: "Strengthening climate action efforts and achieving net zero by 2050 represents a strategic priority for the UAE, and it is being implemented through partnership, coordination and cooperation between the government and private sectors to adopt solutions that support

The move aligns with the UAE's pathway to net zero and supports sustainable economic development



reducing and offsetting emissions. To advance and accelerate this cooperation, we focus on nature-based solutions to achieve two very important benefits; contributing more effectively to achieving net zero and strengthening efforts to protect ecosystems and biodiversity.”

“Through the expansion of mangrove forest areas at the national level, the National Carbon Sequestration Project in the UAE is one of the most effective nature-based solutions in facing the challenge of climate change because of its many environmental benefits. Therefore, the country - thanks to the vision of the wise leadership - raised its ambition regarding the targeted number of mangroves from 30 to 100 million trees by 2030,” H.E. added.

The National Carbon Sequestration Project roadmap includes 4 activities: evaluating

mangrove planting sites, producing mangrove seeds and seedlings, a program for planting seeds and seedlings in selected sites, and monitoring and following up on planted mangroves and the levels of carbon that will be captured.

To enhance efforts towards achieving this ambitious goal by 2030, the MOCCA is working with its partners within an integrated system to implement project activities through cooperation with government and private sector institutions and international non-governmental organisations.

Many studies and scientific research indicate the high effectiveness and enormous ability of mangroves to absorb and capture carbon up to 4 to 5 times greater than wild tropical rain forests, in addition to being a safe natural habitat for marine biodiversity, as 80 percent of global fish



populations depend on healthy mangrove ecosystems.

Review of emirate's efforts to achieve net zero by 2050

At a meeting organized by Dubai's Supreme Council of Energy (DSCE) to review the emirate's efforts to achieve net-zero carbon emissions by 2050, H.H. Sheikh Ahmed bin Saeed Al Maktoum, Chairman of DSCE, emphasised the importance of cooperation among the related organisations in the UAE to boost energy efficiency and reduce carbon emissions in the emirate.

"At DSCE, we believe that the roadmap to reach net-zero carbon emissions by 2050 and consolidate the foundations for a low-carbon economy are achieved through effective solutions that support local low-carbon sectors, and pioneering projects that support the UAE's future

strategies and aspirations in building a successful green economy model," said Saeed Mohammed Al Tayer, Vice Chairman of the DSCE.

"During the meeting, we discussed the national system for trading carbon credits and a classification programme for existing buildings to monitor the efficiency of water and electricity use as an optional initiative for residential and commercial buildings. This aims to improve energy performance and raise awareness of the importance of reducing consumption in existing," said Ahmed Buti Al Muhairbi, Secretary-General of the Dubai Supreme Council of Energy.

The meeting also discussed a proposal by Emirates National Oil Company (ENOC) to supply petroleum products to Al Maktoum International Airport through the Falcon Station in Jebel Ali.

UAE Council For Environmental And Municipal Work Launches New Project

The UAE Council for Environmental and Municipal Work held its second meeting, chaired by Mariam bint Mohammed Almheiri, Minister of Climate Change and the Environment on December 24, 2022. The meeting saw the roll-out of the Waste-free Schools project that aims to promote the adoption of circular economy principles in schools.

UAE NEWS



The meeting agenda also featured discussions of the environmental indicators of the “We The UAE 2031” vision and national plan, and the directions of the UAE General Environmental Policy.

Almheiri said, “Our wise leadership’s continued support of environmental stewardship has positioned the UAE as a driver of global environmental action.”

She added, “Launched during the UAE’s Government Annual Meetings in November 2022, the ‘We The UAE 2031’ vision represents a national plan through which the UAE will continue its development path for the next 10 years as well as highlight its pioneering approach to environmental protection.”

The Minister noted that the Council explored transformational environmental projects, in line

with the new methodology for federal government work, announced by His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President, Prime Minister and Ruler of Dubai, and guided by the Principles of the 50.

In this context, MOCCA signed a Memorandum of Understanding with Emirates Schools Establishment, Abu Dhabi Waste Management Company (Tadweer), and Bee’ah Group to launch and implement Waste-free Schools project across 63 selected schools nationwide.

The partners will join forces to organise awareness workshops for staff and students about the concept and practices of integrated waste management. They will also provide waste separation bins and leverage high-tech waste management solutions at the selected schools.

UAE Launches Space For Climate Observatory

The Abu Dhabi Space Debate, held under the patronage of the President His Highness Sheikh Mohamed bin Zayed Al Nahyan, witnessed the launch of the Space for Climate Observatory, a global initiative that aims to bring together public and private entities involved in the Earth observation sector to coordinate efforts aimed at promoting the peaceful use of space technology to address



Charter signed by the UAE Space Agency and the French National Centre for Space Studies

climate change, and increase the efficiency of its applications for sustainable and successful climate action at the local and global levels.

The Charter on the Space for Climate Observatory was signed by Ibrahim Al Qassim, Deputy Director General of the UAE Space Agency, and Lionel Suchet, COO of the Centre National d'Etudes spatiales (CNES), the French National Centre for Space Studies.

The Space for Climate Observatory aims to support global climate action and develop capacity to study, track, mitigate and adapt to the impacts of climate change at the local, national, regional and international levels. The Observatory also aims to exploit the full potential of space technologies to monitor, mitigate and adapt to climate change to achieve climate goals and raise awareness of their benefits.

Observatory aims to coordinate efforts to promote the peaceful use of space technology to address climate change



The Space for Climate Observatory organises exchanges on climate action supported by space applications, the exchange of experiences, tools and methods on the application of space technology to climate action and the promotion of the use of good practices of space technology to achieve climate goals.

The Charter also regulates access to a variety of actors in the space and climate change sectors to promote cooperation between space agencies, government agencies, national, regional and international public organisations, institutions and agencies, academic and research institutions, and national and international private sector organisations and institutions.

Effective Solutions

Ibrahim Al Qasim stressed that the UAE is aware of the seriousness of climate challenges and their

negative impact on life on Earth, which is why it is actively participating in various international organisations and agreements that are looking for effective and comprehensive solutions to solve this problem.

He pointed out that the UAE is keen to deploy all available advanced technologies and enhance its international cooperation in order to reduce the impact of climate change, considering the launch of the Space for Climate Observatory during a major event such as the Abu Dhabi Space Debate a good step in the UAE's endeavors to consolidate the sustainability of the future, serve humanity and enhance its well-being.

Convenient place

Lionel Suchet said: "Space is a good place to contribute to the challenges related to climate change, and it is good to have a set of extremely



accurate data over a long period that contributes to providing scientific centers with information to help them cope with the problems caused by climate change."

He pointed out that the aim of the Space for Climate Observatory is to make use of all available means for the sustainability of the environment, as the majority of countries today do not exchange their climate data captured via satellites, which misses the opportunity for the world to face this problem, pointing out that cooperation between countries will contribute to enhancing the contribution of the space sector in addressing the challenges facing humanity at a number of levels, especially environmental, economic and social.

Enhance communication

The Abu Dhabi Space Debate presents an

international dialogue that identifies the most prominent global needs necessary for the space sector and the required infrastructure to develop this sector and achieve its goals in a way that serves humanity and contributes to enhancing the quality of life on Earth.

The UAE boasts 19 orbital satellites registered with it, more than 10 new spacecraft under development, more than 50 global and emerging space companies, institutions and facilities, five research centres for space sciences and three universities to qualify national human resources and more than 3,000 workers, engineers and experts in the UAE space sector.

The United Arab Emirates became the 5th country to reach Mars as the Hope Probe entered orbit in February 2021.



UAE To Host 7th Annual Global Energy Forum January 14-15 In Abu Dhabi

The seventh annual Atlantic Council Global Energy Forum will convene January 14-15, 2023, in Abu Dhabi, UAE, to set the global energy agenda for the year ahead and examine the longer-term implications of the changing energy system. This year's forum will take on particular importance as critical climate and energy strategy issues take center stage in the lead-up to the United Nations' Climate Change

UAE NEWS



Atlantic Council GLOBAL ENERGY Forum

ABU DHABI ■ JANUARY 14-15, 2023

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Conference of the Parties (COP28), which the UAE will also host at the end of the year.

The Seventh edition of the Atlantic Council Global Energy Forum will once again be held under the patronage of President His Highness Sheikh Mohamed bin Zayed Al Nahyan. Among the headliners will be John Kerry, US special presidential envoy for climate and former US secretary of state.

As part of Abu Dhabi Sustainability Week, the 2023 forum will have a special focus on the challenge of managing energy security priorities and decarbonization efforts in tandem, amid the continuing impact of the crisis in Ukraine on the energy transition. The forum is convened in partnership with the UAE Ministry of Energy & Infrastructure, Abu Dhabi National Oil Company, Mubadala Investment Company, TAQA, and

Emirates Nuclear Energy Company.

His Excellency Suhail bin Mohammed Al Mazrouei, Minister of Energy and Infrastructure, said: "The UAE has adopted a wide range of energy initiatives to achieve global sustainable development goals and combat the devastating effects of climate change. This year's forum provides a unique opportunity to not only talk about the energy agenda of the year ahead, but also begin the conversation for COP28 now."

"The dual challenges of energy security and climate change have elevated the energy transition to the top of global leaders' list of urgent priorities," said Frederick Kempe, Atlantic Council president and CEO. "The 2023 Forum will provide a critically important platform for policymakers to meet those challenges."

Construction Work Of AED 46 Million Hatta Sustainable Waterfalls Begins

Seeed Mohammed Al Tayer, MD & CEO of Dubai Electricity and Water Authority (DEWA), launched the construction work for the Hatta Sustainable Waterfalls project on December 22, 2022.

The AED 46 million project was recently awarded to DEWA and is part of the authority's social and investment responsibility to make Hatta a



Dubai Electricity and Water Authority launches construction work for the Hatta Sustainable Waterfalls project to make Hatta a distinctive tourist destination

distinctive tourist destination.

“DEWA is implementing pioneering projects in Hatta in line with the vision and directives of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, to transform Hatta into a tourism and investment hub, while preserving its heritage,” Al Tayer said.

He added: “The Hatta Sustainable Waterfalls project aims to create a sustainable natural environment, in addition to developing the area and turning it into recreational spaces and a tourist attraction in the UAE. The idea began with creating a natural water stream aligning with Hatta’s nature. Investment opportunities abound with four oases that have coffee shops, restaurants, and children’s playgrounds, in addition to shops for selling natural honey, local

The project's innovative architectural idea is inspired by the hexagonal beehive design as Hatta is famous for its high-quality honey



products and souvenirs.”

“In implementing the Hatta Sustainable Waterfalls project, we are keen to use the latest, most advanced and safe technologies to suit the geological conditions of the Hatta region, taking into account the highest international environmental standards to preserve the Hatta Mountain Reserve and harmonise the project with its surroundings. The project will showcase the beauty of the mountainous areas of the UAE.

“At every step of the project, DEWA is keen to use sustainable materials that blend with the natural surroundings. The water canal ends at a lake that forms a diverse biological ecosystem and promotes a balanced natural aquatic life. The location of the children’s play area was carefully chosen, as it intersects with the three oases designated for coffee shops and restaurants,

allowing the children’s guardians to monitor them,” he added.

The Hatta Sustainable Waterfalls project is unique for its innovative architectural idea, inspired by the hexagonal beehive design since Hatta is famous as a global hub for high-quality honey. The project’s oases are linked with bridges crossing the water canal, forming a lively and picturesque site to spend time and take beautiful images.

The Hatta Sustainable Waterfalls project will use the slope of the upper dam of Hatta plant to create a natural waterfall. The water used in the waterfall will be collected at the end of the stream, recycled, and pumped back to the top of the dam. The area will be developed to create recreational spaces and restaurants.

ADSW 2023 Sets Agenda For Inclusive Climate Action

Abu Dhabi Sustainability Week (ADSW) 2023, the global initiative championed by the UAE and its clean energy powerhouse Masdar to accelerate sustainable development, will feature a series of high-level sessions focused on the key priorities for sustainable development ahead of the United Nations Climate Change Conference (COP28), to be held in the UAE in November.



The first international sustainability gathering of the year, ADSW 2023 will drive discussion and debate around climate action in the run-up to COP28

The 15th edition of the annual event will be held under the patronage of President HH Sheikh Mohamed bin Zayed Al Nahyan who has championed sustainability as a key pillar of the UAE's socio-economic progress and prosperity.

Taking place from 14th to 19th January under the theme of 'United on Climate Action Toward COP28', ADSW will convene heads of state, policymakers, industry leaders, investors, youth, and entrepreneurs, for a series of impactful dialogues on the transition to a net-zero future.

Key stakeholders will discuss key priorities for the global climate agenda at COP28, the need for all stakeholders across society to be engaged and included, and how to leverage the assessments from the first Global Stocktake of the Paris Agreement to accelerate climate progress at COP28 and beyond.

Held under the theme, 'United on Climate Action Toward COP28', ADSW 2023 will mark debut of Green Hydrogen Summit



Dr. Sultan bin Ahmed Al Jaber, Minister of Industry and Advanced Technology, UAE Special Envoy for Climate Change, and Chairman of Masdar, said, “For over 15 years, ADSW has reinforced the UAE’s commitment to addressing global challenges as a responsible leader driving climate action and sustainable economic development. ADSW 2023 will help shape the sustainability agenda and drive momentum toward COP28 in the UAE by convening the global community and facilitating meaningful dialogue to foster consensus, groundbreaking partnerships and innovative solutions.

“The world needs a just and inclusive energy transition that supports the needs of developing nations while ensuring a more sustainable future for us all. ADSW can serve as an ideal platform to accelerate the adoption of clean technologies and put partnerships together that can take them

to scale around the world, leaving no one behind.”

ADSW 2023 will feature for the first time a Green Hydrogen Summit, hosted by Masdar’s green hydrogen business on 18th January, highlighting its potential to decarbonise key industries.

In December 2022, Masdar formally announced a new shareholding structure and the launch of its green hydrogen business - forming a clean energy powerhouse that will spearhead global decarbonisation efforts. Masdar is now one of the largest clean energy companies of its kind and is well-positioned to lead the industry on a global scale.

The first international sustainability gathering of the year, ADSW 2023 will drive discussion and debate around climate action in the run-up to COP28. The ADSW Summit, hosted by Masdar



and taking place on 16th January, will focus on a wide range of critical topics including Food and Water Security, Energy Access, Industrial Decarbonisation, Health, and Climate Adaptation.

Between 16th and 18th January, ADSW 2023 will seek to engage youth in climate action, with its Youth for Sustainability platform holding the Y4S Hub, which aims to attract 3,000 young people. ADSW 2023 will also feature the annual forum for Masdar’s Women in Sustainability, Environment and Renewable Energy (WiSER) platform, giving women a greater voice in the sustainability debate.

As in previous years, ADSW 2023 will also feature partner-led events and opportunities for international engagement on sustainability-related topics, including the International Renewable Energy Agency’s IRENA Assembly, the

Atlantic Council Energy Forum, the Abu Dhabi Sustainable Finance Forum, and the World Future Energy Summit.

The 2023 ADSW will also mark the 15th anniversary of the Zayed Sustainability Prize – the UAE’s pioneering global award for recognising excellence in sustainability. With 96 winners across its categories of Health, Food, Energy, Water, and Global High Schools, the Prize has positively impacted the lives of over 378 million people around the world, including in Vietnam, Nepal, Sudan, Ethiopia, Maldives and Tuvalu.

Over the years, the Zayed Sustainability Prize has provided communities across the world with access to quality education, clean food and water, quality healthcare, energy, jobs, and improved community safety.

Emerge To Develop Rooftop Solar Project In Abu Dhabi

Emerge, a joint venture between Masdar and EDF, and Al Dahra, one of the largest integrated agri-businesses in the Middle East, have announced a strategic partnership to develop a rooftop solar photovoltaic (PV) installation at Al Dahra Food Industry at Khalifa Industrial Zone Facility Abu Dhabi (KIZAD).

The rooftop solar system will be installed on Al

UAE NEWS



Dahra's rice processing facility at KIZAD and will produce about 45 percent of its annual energy demand. Under the agreement, Emerge will provide a full turnkey solution for the 1.2-megawatt peak (MWp) project, including the design, procurement, and construction, as well as operation and maintenance of the plant. The project is scheduled to be operational next year.

"Al Dahra is always conscious of its impact when it comes to the environment. We believe that solar energy and this project justify our commitment to reduce our carbon emission in line with our goals," said Gianluca Fabbri, Acting CEO at Al Dahra Group.

"Food security is a key strategic priority for the UAE, and this partnership with Al Dahra will help underpin their aim to optimise the energy consumption of their facilities. We look forward

to leveraging our extensive energy services experience as we continue to support the UAE's efforts to enhance availability, accessibility and affordability of crops and food supply," said Michel Abi Saab, General Manager, Emerge.

Al Dahra is a pioneer of innovative farming in the world. The strategic partnership with Emerge aims to support the country's food security strategy by assisting with sustainable agricultural practices, supplementing existing electricity demand, and showcasing renewable energy technology and its impacts on industrial facilities.

The International Renewable Energy Agency's (IRENA) REmap 2030 report on renewable energy prospects for the UAE stated that rooftop solar PV could potentially provide 6 percent of the country's total power generation by 2030.

UAE Reiterates Support For Adoption Of Global Biodiversity Framework At COP15

Mariam bint Mohammed Almheiri, Minister of Climate Change and the Environment, participated in the High-Level Segment (HLS), the second part of the 15th UN Biodiversity Conference (COP15), held in Montreal, Canada from 15-17 December, 2022.

Under the theme “Ecological Civilization-Building a Shared Future for All Life on Earth”,



Mariam bint Mohammed Almheiri, Minister of Climate Change and the Environment, participates in the High-Level Segment, the second part of the 15th UN Biodiversity Conference

the HLS aimed to enable participating ministers to support the final stages of the negotiations on the post-2020 global biodiversity framework and related decisions, with a view to ensuring a successful outcome of the conference.

“The world is experiencing rapid socioeconomic and environmental changes that are fundamentally impacting our ecosystems. Our success in tackling the growing environmental challenges largely depends on our ability to boost cooperation and join forces to protect our planet and safeguard its biodiversity,” Almheiri said.

She urged other ministers to work together to achieve the meeting’s objective of adopting the post-2020 global biodiversity framework, raise international ambitions to reverse biodiversity loss and realise the 2050 Vision for Biodiversity of a world living in harmony with nature.

To preserve its biodiversity, the UAE develops integrated legislative frameworks, rolls out initiatives, and engages the community in environmental efforts



The Minister noted that in line with the vision of its wise leadership, the UAE has consistently worked towards preserving its biodiversity through developing an integrated legislative framework, rolling out related projects and initiatives, and engaging the community in environmental efforts.

She added, "As the host of the 28th UN Climate Change Conference (COP28), the UAE seeks to present a clear vision and practical processes that scale up ecosystem conservation and harness nature-based solutions in the face of environmental challenges."

The country's steadfast commitment to biodiversity protection was recognised at COP15, as the United Nations Environment Programme (UNEP) named the coastal and marine ecosystem preservation and rehabilitation

programmes of the Environment Agency - Abu Dhabi (EAD) among its top 10 global initiatives for restoring and rehabilitating coastal marine ecosystems. Almheiri congratulated EAD on the high recognition.

In addition, the Minister attended multiple meetings as part of her participation at COP15, including the Ministerial Dialogue on Connecting Biodiversity and Climate Change, the Ministerial International Steering Committee Meeting of the High Ambition Coalition for Nature and People (HAC2.0), the second Ministerial Meeting of the High Ambition Coalition to End Plastic Pollution, a side event on "Halving the global footprint by 2030: A Leaders dialogue sustainable production and consumption and circular economy", and a panel discussion on how to ensure the rapid implementation of the post-2020 global biodiversity framework.



She also participated in two high-level roundtables organised by the COP28 Committee – one that drew on the connection between food Systems and climate change, and the other between biodiversity and climate change.

Moreover, the Minister’s agenda featured bilateral meetings with several ministers concerned with the environment, climate, or food and high-level officials from international organisations to explore new avenues for collaboration aimed at spurring concerted action for environmental protection and biodiversity sustainability.

The main objective of COP15 was to adopt the post-2020 global biodiversity framework. Draft One of the framework, released in July 2021, builds on lessons learnt from the Strategic Plan for Biodiversity 2011-2020 and its Aichi

Biodiversity Targets. It recognises that urgent policy action globally, regionally, and nationally is required to transform economic, social, and financial models so the trends that have exacerbated biodiversity loss will stabilise by 2030 and allow for the recovery of natural ecosystems, with net improvements by 2050.

The landmark agreement reached at COP15 will guide global action on nature through to 2030. The Kunming-Montreal Global Biodiversity Framework addresses biodiversity loss, restores ecosystems and protects indigenous rights. The plan includes concrete measures to halt and reverse nature loss, including putting 30 percent of the planet under protection by 2030 and raising international financial flows from developed to developing countries to at least USD 30 billion per year by 2030.

Sorbonne University Abu Dhabi Launches 'Go Green' Initiative

As the UAE gears up to host the COP28 in 2023, Sorbonne Abu Dhabi University conducted the launch of "Go Green 2023" initiative in the presence of Professor Nathalie Drach-Temam, President of Sorbonne University, Professor Silvia Serrano, Vice-chancellor Sorbonne University Abu Dhabi and members of the academic, administrative and student bodies.

UAE NEWS



"Go Green 2023" aims to contribute to raising awareness among the university community on climate change topics as well as to develop students' capacities and enhancing their participation in developing initiatives that address climate change challenges, environmental concerns and contribute in moving towards a more sustainable future.

The initiative, organised by the University's Department of Geography and Planning, focuses on three key themes including carbon footprint reduction, sustainable development activities and the launch of collaborative environmental research.

Prof, Silvia Serrano, Vice-Chancellor, Sorbonne University Abu Dhabi said, "This initiative aims to raise awareness of current environmental issues, share practical solutions, empower students to

think innovatively and critically, as well as strengthen the role of the University as a research-led institution."

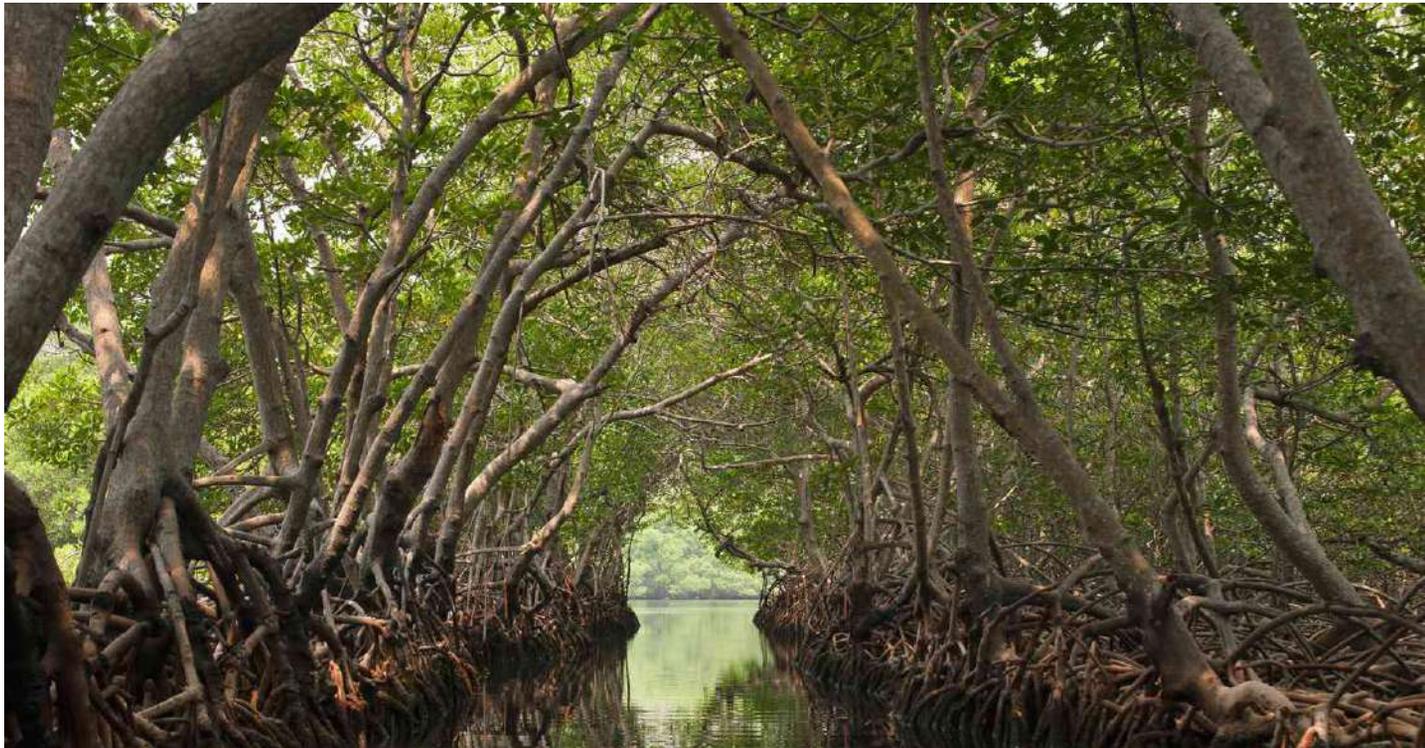
Professor Serrano continued, "These initiatives encourage students to play an active role in issues related to climate risks and engage them in finding sustainable solutions to environmental challenges."

"Go Green" initiative complements the Paris Climate Agreement unveiled at COP 21 and aligns with the University's CSR initiatives to commit to a more sustainable environment and to contribute to the achievement of the United Nations' Sustainable Development Goals by working on reducing carbon emissions and improving resilience against climate change.

UN Names Abu Dhabi's Ecosystem Preservation Among Top 10 Global Initiatives

The coastal and marine ecosystem preservation and rehabilitation programmes of the Environment Agency – Abu Dhabi (EAD) have been named among the United Nations Environment Programme's (UNEP) top 10 global initiatives for restoring and rehabilitating coastal marine ecosystems.

The announcement was made on the sidelines of



Coastal and marine ecosystem preservation and rehabilitation programmes in Abu Dhabi are improving conditions for many plants and animals, including four species of turtle and three kinds of dolphin

the UN Biodiversity Conference (CBD COP15), held from December 13 - 17, 2022 in Montreal, Canada.

H.H. Sheikh Hamdan bin Zayed Al Nahyan, Ruler's Representative in Al Dhafra Region and Chairman of the Board of Directors of EAD, praised the emirate's achievements to protect the biodiversity of Abu Dhabi's coastal and marine environments.

Sheikh Hamdan said, "We have worked in several directions to sustain our marine environments and have succeeded in restoring our fish stocks, strengthened our plans to plant and rehabilitate mangroves, and launched the region's largest coral reef rehabilitation project – all of which emphasises the emirate's important role at both a local and global level in the conservation of species and their ecosystems. Efforts and

Abu Dhabi wants to ensure its coastal ecosystems are resilient in the face of global warming



resources are being directed to serve the goals of sustainable development and to preserve natural resources and ensure their sustainability for future generations.”

EAD’s programmes to preserve and rehabilitate coastal and marine ecosystems were selected following evaluations conducted in line with UNEP’s standards and requirements and chosen from more than 150 nominations from different countries and approved by 70 government agencies worldwide.

Dr. Shaikha Salem Al Dhaheri, EAD Secretary-General, said, “Our marine habitats thrive despite the challenges they face due to high temperatures and increased salinity in the emirate’s waters – which is unique in a world where the effects of climate change are increasing. In light of the pressures that our natural habitats face due to

the rapid development in the region, as well as coastal development activities and projects related to housing, tourism and infrastructure – which have impacted critical coastal and marine habitats – we have taken proactive measures to balance the requirements of economic and social development, sustainable exploitation of resources, and the development of rehabilitation initiatives and ecosystem restoration within the framework of the emirate’s plans and strategies.

“The initiatives and programmes launched and implemented by EAD since its inception attracted UNEP’s attention and led to its recognition as a pioneer in the field of rehabilitation and the restoration of ecosystems. Our success story includes a remarkable improvement in our fish stocks, plus significant achievements in the field of mangrove, seagrass, and coral reef rehabilitation, which are among Abu Dhabi’s most



important and productive marine habitats that support biodiversity and provide a natural habitat for several types of fish and marine organisms.”

Hotspot for biodiversity

The coastal and marine areas of Abu Dhabi, located on the southern border of the Arabian Gulf, are considered a hotspot for biodiversity, housing various habitats that support a wide range of marine species and large fish. EAD has worked to improve the condition of deteriorating fish stocks that had been depleted by up to 85 percent, according to its studies and surveys.

Implementing EAD's guidance helped protect fish stocks, with data showing that Abu Dhabi is on track to achieve its goal of sustainable fisheries by 2030. An improvement has also been achieved in the sustainable fishing index for three consecutive years, rising from 8.9 percent in

2018 to 62.3 percent by the end of 2021.

Efforts made by EAD to establish and manage natural reserves through the Sheikh Zayed Protected Area Network, which comprises six marine reserves representing 14 percent of the emirate's marine environment, have also contributed to preserving biodiversity in Abu Dhabi, ensuring the sustainability of resources and promoting associated social and economic development.

These efforts have generated positive results for a number of habitats and species, helping to stabilise important organisms and increase the number of birds such as flamingos, and stabilise important marine habitats such as coral reefs. As such, EAD launched a special initiative, the region's largest coral reef rehabilitation project, with the aim of cultivating more than one million

Some 7,500 hectares of coastal areas have already been restored in Abu Dhabi with another 4,500 hectares under restoration for 2030



colonies of coral reefs to increase their area and mitigate the pressures on coral reefs as a result of climate change and rising temperatures at the sea floor.

The Agency also focused its efforts on protecting mangroves through targeted programmes for planting and rehabilitating mangrove areas and using modern technologies in agriculture, such as drones. These initiatives were recognised by the World Economic Forum as one of the most innovative in the field of blue carbon sequestration.

15 million mangrove trees planted

Over the past 10 years, 15 million mangrove trees were planted, contributing to more than a 35 percent increase in the area of Abu Dhabi's mangrove trees, which today exceeds 176 sq kms, including natural and cultivated trees.

EAD's efforts also led to the preservation of the integrity of the emirate's seagrass meadows, contributing to the stability of dugong numbers in their natural habitats. Abu Dhabi is home to the second-largest group of dugongs, with numbers exceeding 3,000 – the highest density per square metre in the Arabian Gulf region.

Studies also showed an improvement in the number of turtles and their stability in the emirate in recent years, with numbers estimated at about 5,000 hawksbill turtles, green turtles and loggerhead turtles. EAD's efforts also ensured the protection of three types of dolphins and one type of porpoise, with the emirate's waters hosting a population of more than 700 dolphins, most of which live in marine protected areas – including the largest group of Indian Ocean humpback dolphins in the world.

Cadillac CELESTIQ: A New Standard of Ultra-Luxury

Cadillac has drawn from every era and element of its rich heritage to deliver the most advanced and most luxurious vehicle the brand has ever produced.

The Cadillac CELESTIQ is a handcrafted, all-electric, ultra-luxury flagship that reestablishes the iconic brand as the Standard of the World, while serving as the flagship for the brand's



CELESTIQ is the world's first all-electric ultra-luxury sedan utilizing innovative technology in the service of personalized, handcrafted artistry

electric future. The CELESTIQ story is built on legacy, with its design, cutting-edge technology, and personalized luxury rooted in Cadillac's history of building handcrafted, iconic vehicles such as the 1933 V16 Aerodynamic Coupe and the 1957 Eldorado Brougham.

Each CELESTIQ is personally commissioned — no two will be alike. This unique and individualized experience is augmented by Cadillac's global leadership in electrification, available hands-free driver assistance technology and connected services. CELESTIQ sets the benchmark for handcrafted, multisensory and immersive EV luxury experiences.

Engineering Excellence

The CELESTIQ is the most technologically advanced vehicle in the brand's history. It channels the power of the revolutionary Ultium

Every CELESTIQ is a custom-commissioned reflection of its owner's individual tastes and preferences



Through the concept of isolated precision, clients will experience a luxury driving experience but still feel connected to the road at the same time. The suite of advanced automotive technologies in use include Adaptive Air Suspension for greater ride quality; Active Rear Steering; Magnetic Ride Control 4.0 - the world's fastest-reacting suspension technology, Advanced AWD; Active Roll Control, a significant contributor to the vehicle's nimble handling; Active Rear Spoiler to help improve aerodynamic efficiency; and Electric Power Steering, amongst others.

Charging

When looking to charge quickly, CELESTIQ is equipped with a 200 kW DC fast charging system capable of adding up to a Cadillac-estimated 78 miles of range in only 10 minutes of charging.

Body Structure

In creating one of the most important Cadillacs ever, the CELESTIQ engineering team rethought the fundamental building blocks to not only accommodate its all-electric propulsion system but provide a platform for the ultimate expression

Platform, which is the foundation for CELESTIQ's exhilarating performance and range. This dedicated EV propulsion architecture combines a 111-kWh battery pack and a two-motor, all-wheel-drive propulsion system to offer a GM-estimated 600 horsepower and 640 lb-ft of torque — and a GM-estimated driving range of 483 kms on a full charge.

In addition to the impressive horsepower and torque, the vehicle is also projected to deliver one of the quickest 0-60-mph accelerations in the segment of 3.8 seconds.

Isolated Precision

The CELESTIQ ride and handling experience will elevate the already-exceptional Cadillac reputation for isolated precision, meaning CELESTIQ offers the ultimate in ride refinement without sacrifices - the best of both worlds.





of ultra-luxury and unmatched client customization, enabled by advanced manufacturing techniques.

Achieving that required an all-new architecture dedicated exclusively to CELESTIQ. It is based on the Ultium Platform, which integrates the propulsion system's battery pack and serves as a structural element of the vehicle, contributing to its overall strength, durability, and performance.

Artistry and craftsmanship

CELESTIQ is the manifestation of Cadillac's Art of Travel design philosophy, which considers the entire encounter with the vehicle, from its visual presence, to the rich feel of its components, and the choreographed experiences in which curated "sense of occasion" features transform the ordinary into the extraordinary. This tailored approach to every experience an owner has with

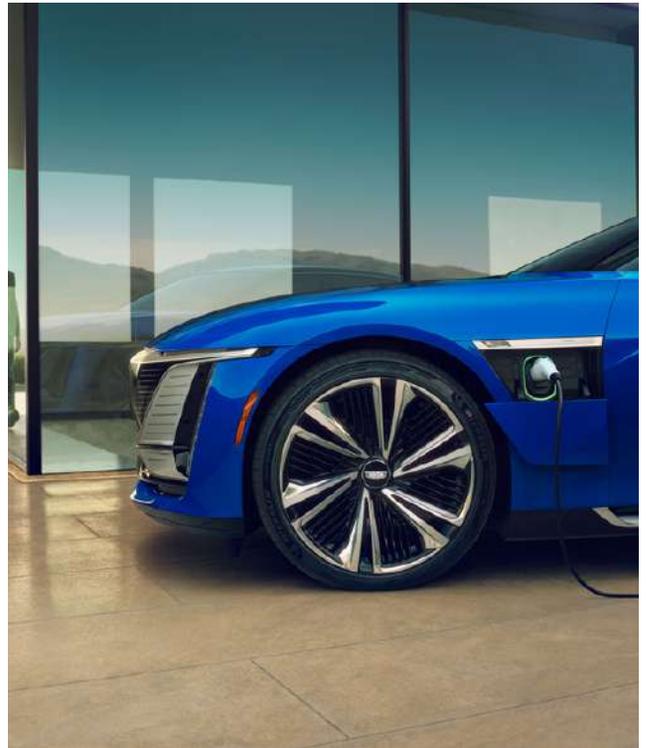
their car makes common elements feel distinctly personal.

Exterior Design: Embracing the Avant-Garde

The silhouette of CELESTIQ is immediately striking. It is a bold, fastback profile, challenging the ultra-luxury space with the spirit of futurism and the avant-garde. The boldness of the grille and the vertical lighting signatures flow seamlessly into the sloping windshield, creating a harmony of surfaces. CELESTIQ breathes ultra-luxury, but with an edge, a sense of modernity unlike anything else in its segment.

Every metal surface seen on the exterior of the vehicle is real metal — including an aluminum grille, brushed aluminum bodyside, aluminum eTrunk lining, rocker, taillamp and headlamp trim, and brushed metal liftgate body openings.

With 115 3D printed parts in the production vehicle, the CELESTIQ demonstrates GM's broadest use of this process



Luxury interiors

The CELESTIQ interior is where the sensory experience is ignited through the use of authentic materials and indulgent details. The client-selected hand-wrapped materials, immersive interior lighting, and embellishments embody Cadillac's vision for exclusivity and customization.

Executed with exceptional craftsmanship, there is a staggering variety of colors, trims and genuine materials that ensure no two vehicles will ever be alike. With a clean, minimalist aesthetic, the cabin of the interior acts as a pure showcase for all the different materials and color options.

Tech innovations

CELESTIQ is distinguished by artfully integrated technologies that become indispensable elements of every driving experience. The

centerpiece of the interior is a pillar-to-pillar, 55-inch-diagonal advanced HD display — the largest in the segment. A new connected camera platform gives clients access to interior and exterior cameras through an intuitive mobile interface along with theft detection, crash recording and other useful features.

Google built-in is a helpful, personalized and seamless way to enhance your in-vehicle experience. With Google Assistant, Google Maps, and Google Play you get access to hands-free help, live traffic updates, some of your favorite apps and more.

Fixed Smart Glass Roof controls the amount of light allowed into the vehicle while an advanced four-zone microclimate system allows each occupant to tailor their seat heating and cooling.

COP28 Higher Committee Outlines Path Ahead And Vision For 2023 Climate Summit

H.H. Sheikh Abdullah bin Zayed Al Nahyan, Minister of Foreign Affairs and International Cooperation and Chairman of the Higher Committee overseeing preparations to host the 28th session of the Conference of the Parties (COP28) to the United Nations Framework Convention on Climate Change (UNFCCC), convened members to discuss the roadmap to COP28 UAE to be held at Expo City



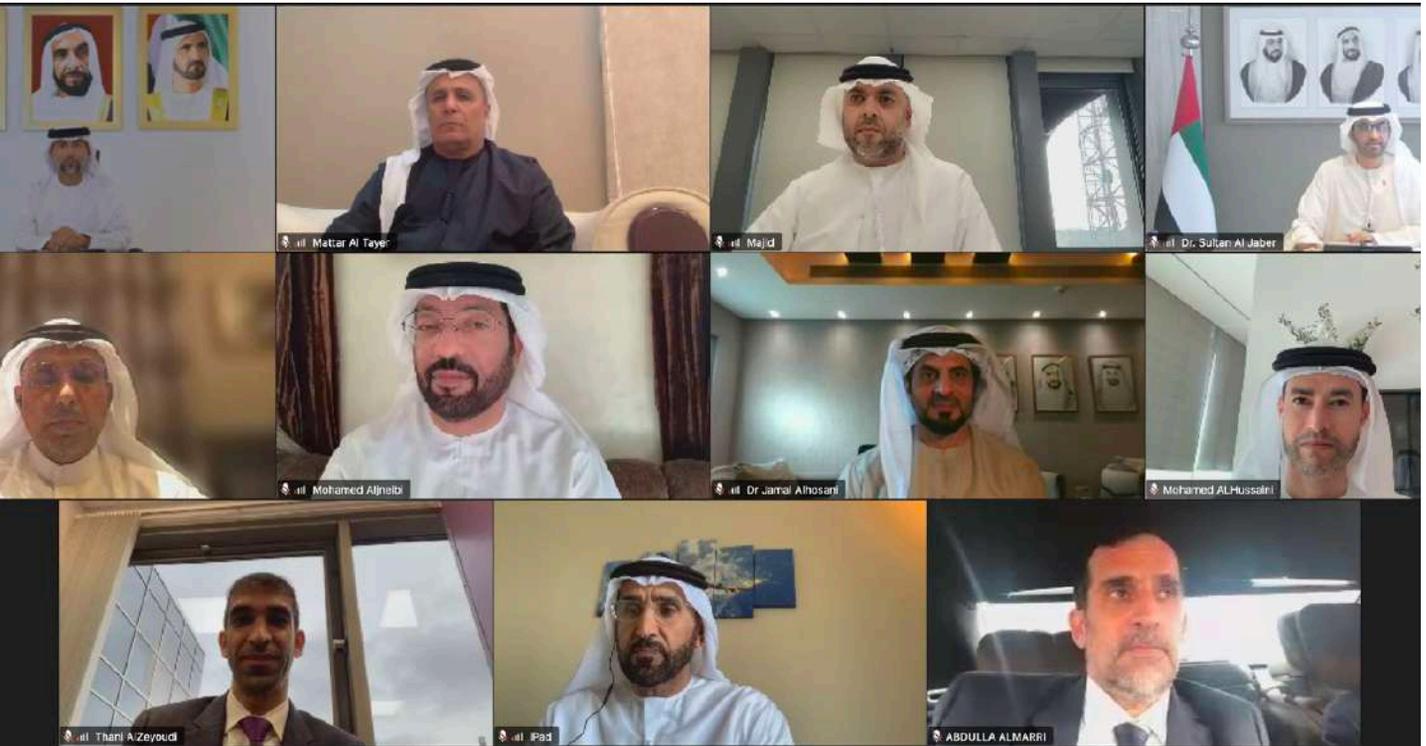
The UAE aims to deliver meaningful progress at COP28 by facilitating inclusive dialogue, innovative solutions, as well as leveraging groundbreaking partnerships and building consensus among parties

Dubai in November 2023 and emphasized that the UAE is committed to building on the foundation set in COP27 at Egypt.

In the meeting, H.H. Sheikh Abdullah bin Zayed commended Egypt on the progress made in Sharm el-Sheikh at COP27, its leadership in unifying the 197 countries and the EU around climate action and guiding the COP process towards the establishment of a new 'loss and damage' fund to support the world's most climate-vulnerable countries.

H.H. Sheikh Abdullah bin Zayed acknowledged the significance of two consecutive COPs being held in the MENA region and the vital role that the region must play in the global transition to sustainability and climate action. He stressed that meaningful progress at COP28 can be achieved by facilitating inclusive dialogue, innovative solutions, as well as leveraging

The UAE was the first country in the region to ratify the Paris Agreement and to announce a strategic initiative to achieve Net Zero by 2050



groundbreaking partnerships and building consensus among parties.

His Highness said, "After the success of Expo 2020 Dubai, the UAE will leverage its outstanding track record as a trusted global convenor to ensure that COP28 will be inclusive, transparent, and pragmatic. COP28 aims to transform and urgently accelerate climate action to meet the commitments the world has made."

The UAE has embraced the vision of a climate-focused future, investing heavily into renewable energy and dynamic technologies centred around sustainable innovation. At the heart of these investments is a vision of a fully sustainable economy underpinned by effective regulatory oversight and contributions from all stakeholders. The UAE believes cooperation will play a crucial role in supporting negotiations over fundamental

areas of focus such as energy, agriculture, investment, and sustainable transport to ensure the global decarbonisation effort is met.

Dr. Sultan bin Ahmed Al Jaber, Minister of Industry and Advanced Technology, UAE Special Envoy for Climate Change, and Vice Chairman of the COP28 UAE Higher Committee, said that the UAE will engage in partnership with the UNFCCC's Secretariat to develop the COP28 agenda. Building on the outcomes of COP27, the UAE and the UNFCCC will work with Parties and partners to accelerate climate action to meet the commitments the world has made.

The COP28 UAE Higher Committee includes ministers and government officials and will bring together the voices of various industries and sectors, at all levels, to prepare for COP28 UAE.

UAE Businesses Gear Up To Align With COP28 Objectives

Dubai Chambers organised a meeting to bring the COP28 UAE Presidency and Dubai's business community together to discuss how the private sector can engage and benefit from the journey towards COP28.

The meeting, held on December 15, 2022, reaffirmed that businesses of all sizes across all sectors must revisit their business models and



A panel discussion hosted speakers from major companies in the UAE who elaborated on the initiatives of their respective company's sustainability agendas

restructure it towards supporting sustainable development. The event also stressed that the UAE recognises the immense potential that climate action has in driving socio-economic growth, creating jobs, empowering women, and youth, as well as strengthening overall economy sustainably for the future.

Commenting on the opportunities for the private sector, Majid Al Suwaidi, Director-General, COP28 UAE Presidency, said, "As one of the most dynamic hubs for business in the world, Dubai is home to some of the most innovative and exciting companies on the planet. This will be a huge asset to the UAE when we host the UN COP28 climate conference in Dubai in November, and we will be counting on our business community to play a leading role in making COP28 UAE a landmark moment for global progress against climate change."

Businesses of all sizes and across all sectors must restructure business models to support sustainable development



A panel discussion that hosted speakers from major companies in the UAE, elaborated on the initiatives that have been put in place to further their company's respective sustainability agendas. It also discussed other plans in the pipeline that centre around climate action and how the business community can support COP28.

Maha Al Gargawi, Executive Director of Business Advocacy at Dubai Chambers, added, "As host of COP28, the UAE has an opportunity to strengthen its position and reputation as a leader in climate action, where the environment takes centre stage in the country's ambitious economic development agenda in the years to come. To that end, the government and private sector need to work in lockstep, and partnerships between the two become more important than ever."

Speakers at the panel discussion included Sabrin Rahma, Director of Domestic Engagements,

COP28 UAE; Yasmine Berbir, Head of Sustainability, Nestlé Middle East FZE; Florence Bulte, Chief Sustainability Officer, Chalhoub Group; and Raji Hattar, Chief Sustainability Officer, Aramex. The session was moderated by Dr. Kamel Mellahi from the Dubai Chamber of Commerce Centre for Responsible Business.

The UAE has made tremendous strides in sustainability, carbon neutrality, and environment preservation with a series of ambitious initiatives and projects designed to shape an economy based on renewable and clean energy, advanced technologies, and eco-friendly business.

The latest among these are the UAE Net Zero by 2050 Strategic Initiative, which aims to achieve net-zero emissions by 2050, making the UAE the first country in the region to do so.

Abu Dhabi Leads Efforts To Revive The Pearl Industry

The Environment Agency – Abu Dhabi (EAD) has partnered with the Food and Agriculture Organization (FAO) of the United Nations in a joint effort to revive the heritage and traditions of the Emirate’s pearl industry.

The ‘Abu Dhabi Pearls’ project involves sustainably farming high quality pearls in the warm waters of the Arabian Gulf.



The FAO is a main partner on the project and supports and develops aquaculture-related research

The project comes as part of a broader collaboration between FAO and the UAE’s Ministry of Climate Change and Environment (MOCCA) which focuses on introducing sustainable aquaculture and building a sector that creates jobs, protects the environment and supports livelihoods in the long term.

In 2019, EAD launched the sustainable aquaculture policy for Abu Dhabi, which aims to promote growth in the emirate’s aquaculture sector and raise its competitiveness to ease pressures on overexploited local fisheries.

The Abu Dhabi Pearls Project was established in 2007 and set an ambitious goal of cultivating approximately 80,000 oysters, producing approximately 20,000 high-quality and sustainable pearls annually in the emirate’s waters. Since its establishment, the project has

Around 20, 000 cultured pearls are produced annually at Al-Dhafra, the site of Abu Dhabi Pearls Project



helped to revive the sector's heritage and preserve local oysters and pearls through participation in local and international events. Joint projects with educational institutions were also launched, along with a technical component to create jewellery designs using cultured pearls.

Within the framework of the existing cooperation between FAO and EAD, the two parties seek to shed light on pearl farming techniques while promoting them as a key model for sustainable aquaculture that provides many environmental, social and economic benefits. The partnership includes knowledge sharing, the provision of technical support, and organisation of technical aquaculture workshops.

The partnership aims to strengthen the aquaculture sector and make it more energy-efficient and sustainable. With technical support

from FAO, the UAE is investing in modern technologies to develop a sustainable and economically viable aquacultural sector that will preserve the country's fish stocks and enhance its food security.

The Abu Dhabi Pearls project focuses on four main phases; the first phase aims to promote eco-tourism by highlighting the traditions and heritage of the UAE, and the second phase includes marketing the products of the project.

The next phase of the project is to conduct scientific and practical experiments to enhance knowledge in oyster aquaculture, which leads to higher volumes of production and an improvement in the quality of pearls. Finally, the fourth phase aims to raise awareness among younger generations about sustainable oyster culture.

Brisbane: Australia's Most Sustainable City

Brisbane has for many years received recognition for its sustainable urban living, innovative ideas, as well as proper litter management processes. There is a lot to learn from the efforts Brisbane has put into enhancing eco-friendly disposal of rubbish and creation of a habitable environment for the residents which can be used by other cities in Australia and also globally.



Brisbane's CityCycle project encourages people to cycle into the city rather than using cars

The city's approach to sustainable living resulted in it being named Australia's Most Sustainable City in 2014 and 2016 at the Keep Australia Beautiful Australian Sustainable Cities Awards.

The Brisbane City Council has a vision: Brisbane, Clean, Green, Sustainable 2017-2031 that celebrates the significant sustainability and environmental achievements the council has made in partnership with the community, while recognising there is still more to do.

Green Energy

The residents of Brisbane have acknowledged that protecting the environment is a collective goal. It can, therefore, be observed that households have adopted renewable energy sources to replace the non-renewable ones that are harmful to the environment.

Each resident is also wary of how they dispose

*Brisbane has an impressive
3533 number of trees planted
per 100,000 people*



passenger public transport indicator, in which Brisbane sits at 287 kilometres per 100,000 people. Thanks to these proactive efforts as well as the Active School Travel program, Brisbanites are not only enjoying cleaner air but a healthy and active lifestyle.

Air Quality

Brisbane's excellent air quality comes as a result of several environmental initiatives by the government, with the low-emission enhanced environmentally friendly buses being one of the most significant of these. These buses, which now make up 85% of the city's bus fleet, have resulted in a 66% reduction in particulate matter in the air.

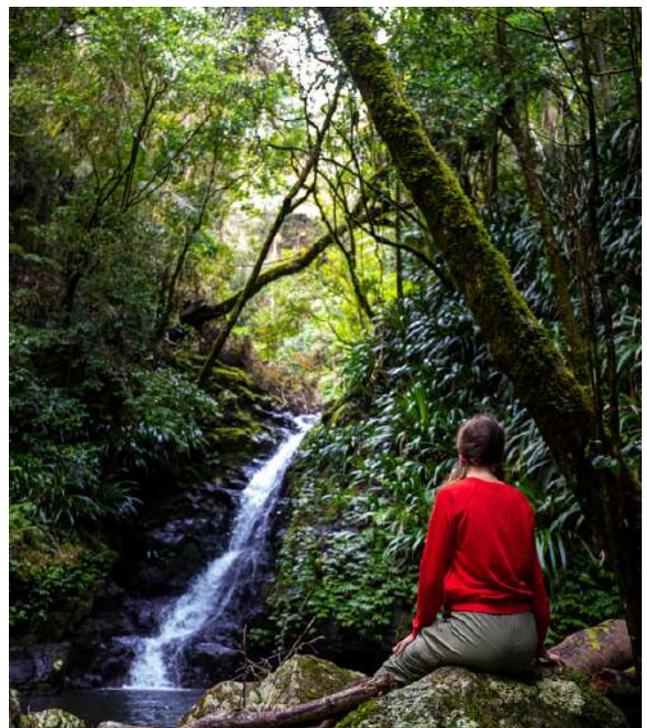
In 2016, Brisbane received the Clean Air Achievement Award from the Clean Air Society of Australia and New Zealand, as a recognition of these efforts.

of litter. More food waste is used as compost manure while the recyclable items are taken into recycling plants. It is evident that the initiative has led to a reduction in debris at the landfills.

Many non-profit organisations have also taken up the role of educating masses on garbage reuse. Some also take some of the discarded items and sell them at lower costs to the people. Most of the waste that would have otherwise found itself in the landfills is diverted.

CityCycle

Brisbane's CityCycle project has been initiated by the Brisbane City Council. The project aims at encouraging people to cycle into the city rather than using cars which emit fumes that are not good for the environment. The CityCycle initiative and implementation of Lime Scooters throughout the City are key contributors to the light





Brisbane has a fine particulate matter concentration of $7.3\mu\text{g}/\text{m}^3$, a measure of how clean the air is. In comparison, the air in London measures $14.2\mu\text{g}/\text{m}^3$ — almost double that of Brisbane. Air in Los Angeles, Toronto and Oslo is also significantly dirtier than Brisbane.

Green Spaces

One of the most impressive indicators of Brisbane’s performance is the number of trees planted per 100,000 people. While Barcelona sits at 200, London at 527, Portland at 853 and Surrey at 960, Brisbane sits at an astonishingly impressive 3533.

In terms of the public outdoor recreation space, Brisbane sits almost exactly on par with Los Angeles at 39.3 sq m per person. Thanks to the city’s many parks and sports fields, as well as the Botanical Gardens and South Bank, Brisbane’s

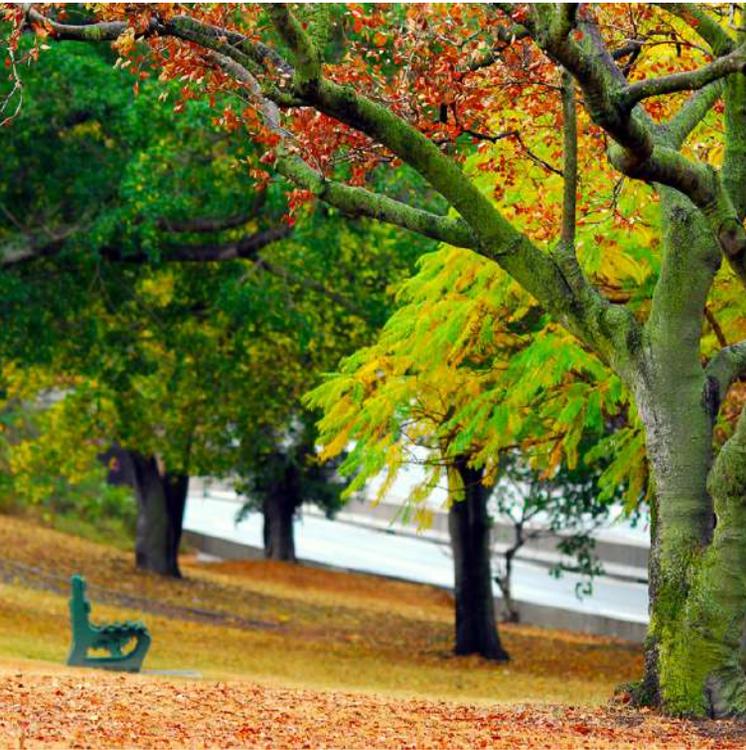
public outdoor recreation space is well-enjoyed. With many new house and land developments incorporating a large communal park ground and working to conserve green space, this is expected to continue for many years to come.

The city council also spearheads the Habitat Brisbane Scheme, which aims to conserve its natural habitat. The plan works by pooling together members of the community to create a sustainable, clean, and green city. The volunteers identify any indigenous plants as well as reporting any wildlife they spot. The project also helps remove rubbish from parks and other vital Brisbane green spaces so that they remain attractive to visitors.

Smart Water City

According to the city council, Brisbane households use about 169 units of water monthly which is the

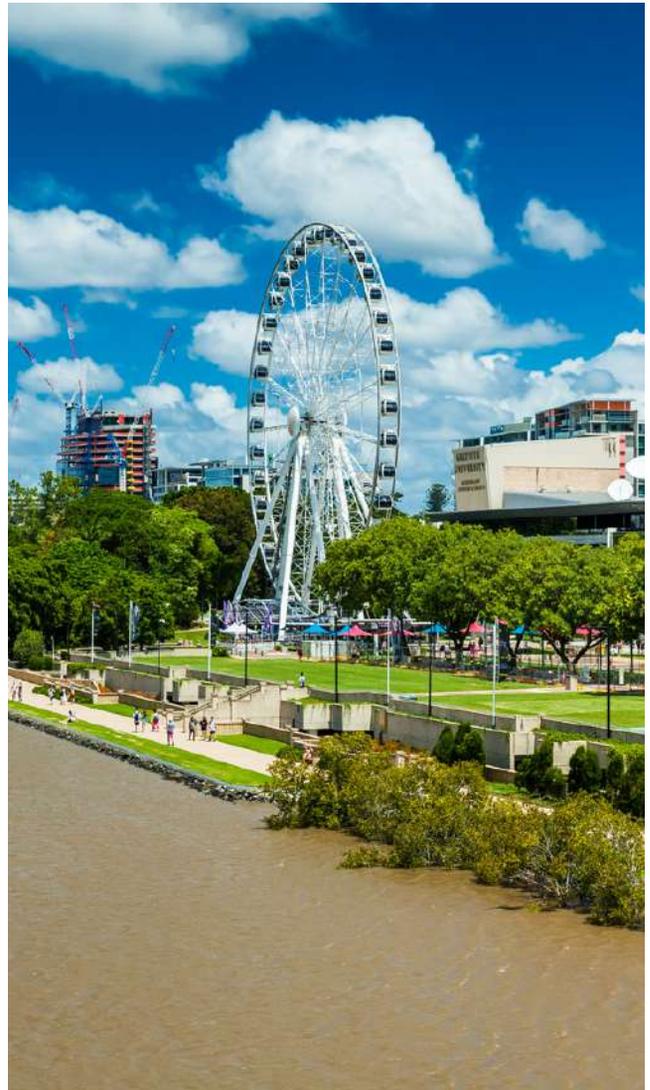
Brisbane households use about 169 units of water monthly which is the lowest in the whole of Australia



lowest in the whole of Australia. The city council has water catchment programs which aim at safeguarding the water in the rivers of Brisbane. The council also takes keen measures to monitor the safety of the water used by the residents by carrying out a treatment process. The authorities in Brisbane have also established water treatment plants that aim at reusing water so enough remains for its people.

Some of the Brisbane, Clean, Green, Sustainable 2017-2031 targets for 2031 include:

- 40% of mainland Brisbane will be natural habitat
- Brisbane City Council will have maintained its carbon neutral status
- The average household's carbon emissions from energy, waste and transport will be six tonnes of carbon dioxide equivalent per year



- Total domestic waste generated per annum going to landfill will be reduced.
- Domestic waste recycled/recovered will be increased.

From the above it is evident that Brisbane has put a lot of effort and continues to put effort into creating a sustainable city for its people. The ranks of which deserve to be emulated worldwide to reach a clean and safe planet.

'Clean UAE' Concludes After Removing Over 40 Tonnes Of Trash

The 21st cycle of 'Clean UAE' voyage that began on December 5, 2022, from the emirate of Ajman, journeyed through all the emirates of the UAE and concluded on December 15 in Abu Dhabi on a high note with the participation of 50,943 volunteers.

Held under the patronage of the Ministry of Climate Change and Environment and in



The 21st cycle of 'Clean UAE' voyage was held under the patronage of the Ministry of Climate Change and Environment and in association with the Ministry of Community Development

association with the Ministry of Community Development, the campaign in Abu Dhabi witnessed the participation of 50,943 people who collected 19,965 kg of waste and cleaned more than 10 km² from Al Ghantoot, Musaffah and ICAD Industrial areas.

The 21st cycle of campaign journeyed through all 7 Emirates and recorded 61,646 participants who collected 40,404 kg and covered a total area of 38.5 sq km.

Habiba Al Mar'ashi, Co-founder and Chairperson of EEG said at the opening ceremony in Al Ghantoot site said: "The ethos of the Emirates Environmental Group is to instill an environmental social practice amongst all sectors of the society to protect the environment and adopt sustainable habits. Our flagship campaign - the Clean UAE is the longest and

50,943 participants join the final leg of the campaign in Abu Dhabi



largest environmental movement in the country and aims to protect the natural habitat for the wildlife to thrive and to focus on tourist destinations and ensuring a clean and healthy environment for all.”

She continued: “EEG is immensely grateful to our visionary leadership for facilitating a unique, safe, secure and healthy environment for all. EEG is gratified to take forward the environmental legacy of the late Sheikh Zayed bin Sultan Al Nahyan.” The Chairperson of EEG concluded her speech with a quote by the founding President of the UAE: “We have worked, since the establishment of our state, to protect the environment and wildlife. These achievements should be an incentive for us, particularly the Emirati youth, the future generation, to continue taking care of and keeping the environment safe and clean because if we don’t, we shall destroy the resources

that Allah blessed us with; these resources are not ours alone, they also belong to our children and their children.”

In her closing statement Al Mar’ashi also expressed her thanks to public entities across the UAE for their collaboration and commitment to the campaign and to the varied sponsors.

As an accredited body of the United Nations Environment Programme (UNEP), EEG ensures to align its activities and programmes with the UN Sustainable Development Goals (SDG). The Clean UAE campaigns are aligned to the following SDGs: Goal #3: Good Health and Well-being, Goal #11: Sustainable Cities and Communities; Goal #12: Responsible Consumption and Production; Goal #13: Climate Action; Goal #15: Life on Land and Goal #17: Partnerships for Goals.

Sci-Tech Virtual Tour Highlights UAE's Sustainable Industrial Development

The UAE's Ministry of Industry and Advanced Technology (MoIAT), in collaboration with the Ministry of Foreign Affairs and International Cooperation (MoFAIC), UAE Embassy in London, UAE-UK Business Council, and the British Embassy in the UAE, hosted a Sci-Tech Virtual Tour of the UAE's science and technology ecosystem for UK-based academics, experts and companies.



MoIAT's virtual tour series is part of its efforts to promote collaboration with global counterparts and facilitate engagements with academics, experts and investors around the world

These included University of Manchester's National Graphene Institute, Cranfield University, Octopus Energy, among others.

With a focus on sustainable industrial development and renewable energy, the tour introduced UK-based stakeholders to the UAE's efforts to promote the adoption and development of technology in priority sectors in the UAE, to enhance productivity, competitiveness, efficiency, and sustainability.

The UAE Sci-Tech Virtual Tours were launched in 2021 to highlight the UAE's science and technology ecosystem, facilitate business-to-business introductions between stakeholders and investors, and provide a platform for exchange ideas and expertise.

Delegates at the event participated in panel

Panel discussions centred on decarbonisation, affordability and supply of renewable energy, R&D collaborations, and achieving net-zero emissions



sessions that focused on decarbonisation, the affordability and supply of renewable energy, R&D, and achieving net-zero emissions.

Marwan Al Naqbi, Head of Economic Affairs Section, UAE Embassy in London, said, "Renewable energy is an important focus area for countries to pursue joint initiatives in. New technology will need to be developed, tested, and brought to market. This is one area in which the best minds from the UK and the UAE can work together to address common challenges."

Alison Hall, HM Deputy Consul-General, British Embassy in Dubai, commented, "The UK has put science, research, and innovation as the heart of its industrial strategy and recognises that scientific collaboration and developing international partnerships are critical for technological innovation."

In a session focused on MoIAT's efforts in promoting advanced technology adoption and development of renewable energy during the virtual tour, Tariq Al Hashmi, Director of Technology Adoption and Development, MoIAT, said, "Digital technologies will be key to a sustainable future. Through our Industry 4.0 programme, the UAE is supporting industry to innovate and to adopt advanced technologies including energy efficient solutions."

He added, "In 2021 MoIAT launched its integrated industrial and advanced technology strategy, Operation 300bn, which aims to increase the contribution of the industrial sector to GDP. Through this strategy we aim to help diversify our economy and safeguard our future by enabling and incentivising sustainable and technology-empowered industrialisation."

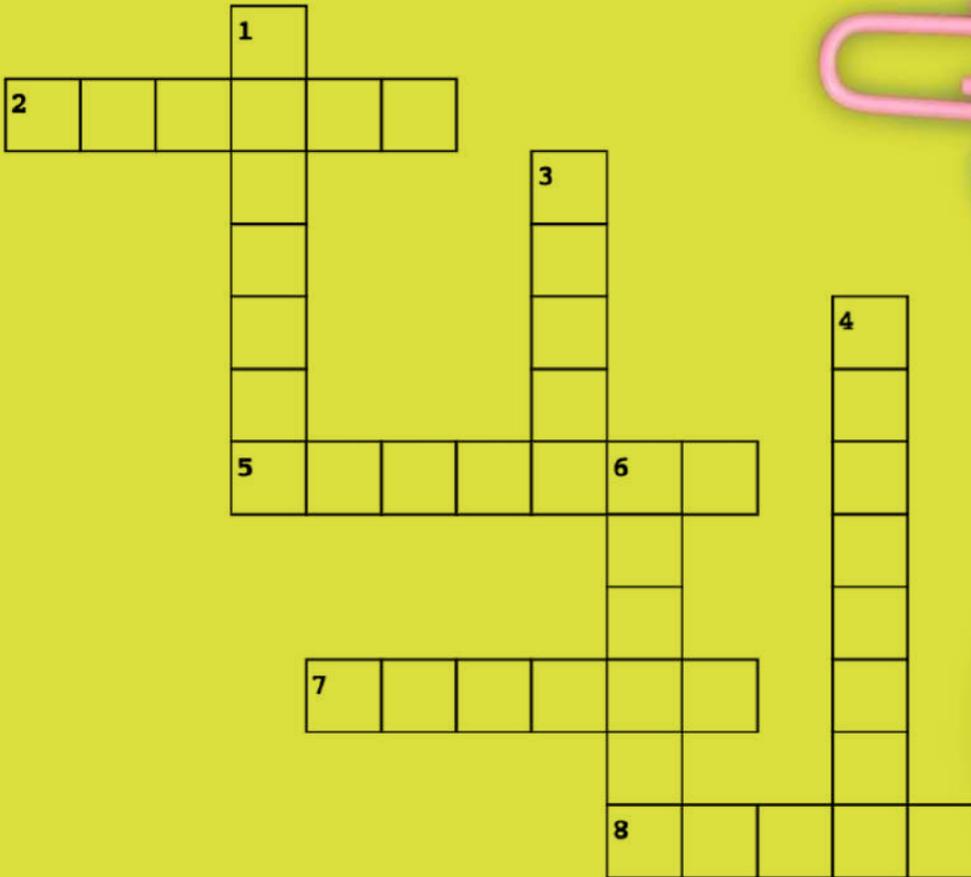
NAIEMRG
 OTRESSE ASVIITC
 ASTPSICL
NEEGR
 LANTPE
 IVDLELFI
 RCEVSNEO

Answers: 1. Green 2. Plastics 3. Conserve 4. Activist 5. Planet 6. Forests 7. Farming 8. Wildlife

Word Search

W	M	X	K	K	E	Z	M	Q	H	G	F	Y	B	X	GOVERNMENT
T	F	V	I	O	K	P	G	U	F	W	A	G	J	E	AUTHORITY
F	V	S	N	C	Q	R	V	A	W	A	Y	L	F	Q	NATURE
I	J	K	K	P	P	W	M	L	I	T	R	O	U	N	HUMANITY
G	N	K	K	V	R	Z	X	I	A	E	G	B	Y	Q	SEASONS
O	A	F	A	M	N	E	E	T	K	R	N	A	T	Q	PRESERVE
V	Q	G	W	U	C	M	S	Y	G	O	A	L	L	Z	GREEN
E	F	O	V	P	T	N	V	E	Y	G	T	L	K	N	GLOBALLY
R	K	H	I	T	V	H	J	E	R	D	U	Y	C	B	QUALITY
N	O	H	S	E	A	S	O	N	S	V	R	N	Z	K	WATER
M	N	R	C	V	E	S	D	R	D	N	E	E	R	G	
E	K	F	Q	X	E	C	O	W	I	C	V	P	U	Q	
N	Q	K	P	X	M	K	Y	A	W	T	Z	A	Q	P	
T	B	F	Y	T	I	N	A	M	U	H	Y	U	X	L	
E	L	F	F	M	B	Y	Z	G	M	F	V	U	P	T	

Crossword Puzzle



Across

- 2. Civilized and just
- 5. Destructive wave
- 7. Petrified remains
- 8. Our planet

Down

- 1. Gathering of crops
- 3. Animals collectively
- 4. Vigorous supporter
- 6. Of the sea

Answers: 1. Harvest 2. Humane 3. Fauna 4. Activist 5. Tsunami 6. Marine 7. Fossil 8. Earth

WORD OF THE DAY:

FOOD POVERTY

Food poverty does not have a precise definition but can be summarised as the inability of individuals and households to obtain an adequate and nutritious diet in socially acceptable ways, or the uncertainty that they will be able to do so. The term “food insecurity” is sometimes used instead.

Food poverty can have a wide impact, depending on someone's circumstances. Here are just some examples of the effects of food insecurity:

- Food poverty can cause serious health issues when people have to choose between spending money on food and medicine or healthcare
- Food poverty can make it more difficult for a child to learn and grow
- Food poverty can lead to difficult decisions like choosing between food and rent, bills, and transportation

The causes of food insecurity are quite complex but are largely due to:

POVERTY

Poverty and hunger go hand in hand. Families trapped in the cycle of poverty usually can't afford nutritious food, leading to undernourishment.

FOOD SHORTAGE

Across regions like the Sahel and the Horn of Africa, farming families experience periods before harvests known as “hungry seasons.” These are the times of year when food supplies from the previous harvest are exhausted, but the chance to replenish supplies is still some time off. This leaves families forced to skip one (or more) meals each day in the period before the next harvest - which could be months away.

CLIMATE CHANGE

Extreme weather conditions can destroy harvests or reduce the amount of animal pasture available. The overall impact of climate change on agriculture is expected to be negative—reducing food supplies and raising food prices.



Many regions already suffering from high rates of hunger and food insecurity, including parts of sub-Saharan Africa and South Asia, are predicted to experience the greatest declines in food production. Elevated levels of atmospheric carbon dioxide (CO₂) are also expected to lower levels of zinc, iron, and other important nutrients in crops.

NATIONAL BIRD DAY – JANUARY 5

It is estimated that almost 1200 bird species will be lost forever by extinction by the end of this century. It has become extremely important to raise awareness about the threats birds face by illegal trading, climate change and diseases.

Born Free USA emphasizes the importance of National Bird Day and lists it as a day to shine a spotlight on issues critical to the protection and survival of birds, both captive and wild.

According to Born Free USA, nearly 12 percent of the world's almost 10,000 bird species are in danger of extinction.

Birds face human-induced threats, such as climate change, disruption of natural systems, habitat loss, poaching, poisoning, outdoor cats, collisions into glass windows and the severe decline of bug populations, which many bird species feed on, according to experts. But it's important to note that because of the significant challenges all birds face, there should not be individual focus on saving one species of bird, but aim to promote the conservation of all.



PENGUIN AWARENESS DAY – JANUARY 20

Penguin Awareness Day is observed on January 20 every year and while we are certainly aware of how adorable these flightless birds are, the dwindling number of penguins needs more attention. The rapidly shrinking population of penguins every year goes mostly unnoticed because their natural habitat is usually where humans don't live. These dangers include climate change, overfishing, toxic plastics, invasive species, oil spills, and habitat destruction.

Penguin Awareness Day seeks to promote penguin conservation internationally by focusing on keeping their habitats safe. This day also celebrates the habits and incredible features of these animals.

Penguin populations are declining. Ten penguin species are listed as either vulnerable or endangered on the IUCN Red List, making penguins the second-most threatened bird group in the world after the albatross.

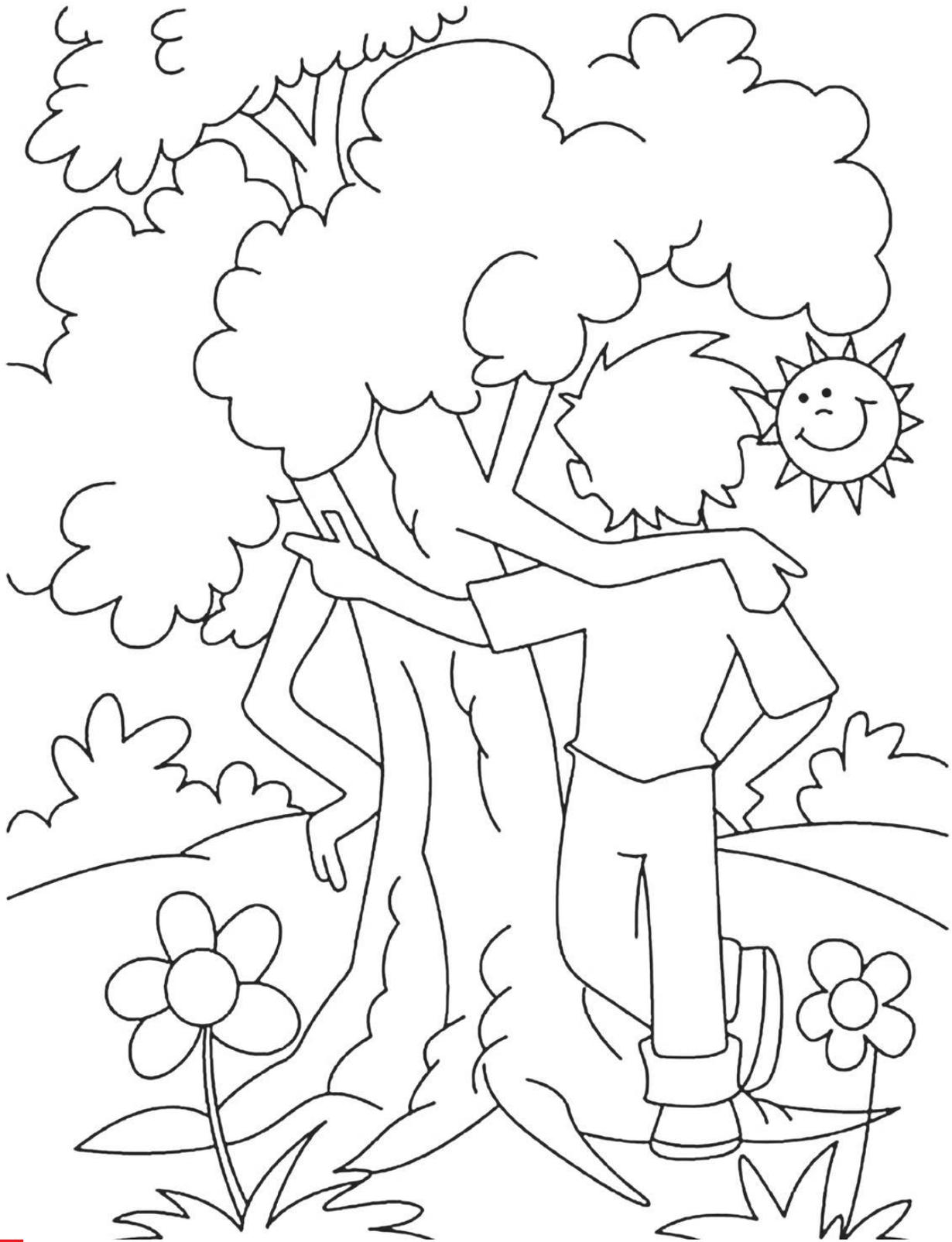
The most imminent danger to penguins is the rapidly changing oceanic conditions caused by climate change. Factory farming is one of the greatest contributors to climate change.

What can you do to help?

Things to Do...

- Use public transport! -----
- Carry a water bottle! -----
- Switch off all lights when not in use -----
- Do not waste food -----
- Don't waste paper -----

COLOUR ME!



USD 54.46mn Recycled Paper Mill Coming Up In KEZAD

KEhalifa Economic Zones Abu Dhabi (KEZAD Group) has announced the signing of a 50-year land lease agreement with speciality tissue manufacturer, Star Paper Mill, for the establishment of a new facility to manufacture recycled Kraft Paper Jumbo reels, diversifying the company's product offering to serve a growing demand for biodegradable packaging papers in the UAE.

UAE NEWS



In collaboration with RC Paper Machines, Star Paper Mill will expand its existing capacities with an investment of AED200 million in a 59,000 square metre site in KEZAD to manufacture recycled kraft paper jumbo reels to be used to manufacture corrugated cartons and high in demand, 100 percent eco-friendly biodegradable bags made out of recycled raw materials.

Promoting the UAE capital's environmental initiatives, the announcement comes on the back of Abu Dhabi's milestone ban on single-use plastic bags, effective from 1 June 2022, the first in the region to introduce an integrated, single-use plastic policy to cut down the overall use of plastics to drive an eco-friendly future.

Star Paper Mill's new facility would have installed capacity of 135,000 tonnes to manufacture recycled semi kraft liner, white top liner, testliner,

fluting and bag paper, alongside areas for storage and general use.

The company is also reserving an additional 32,000 square metres adjacent to the primary plot earmarked for the project to accommodate expected increase in demand. Together, the plots offer the project state-of-the-art primary infrastructure corridors alongside a natural gas pipeline network that would contribute to significant cost efficiency.

Committed to producing eco-friendly products, the project will apply the latest innovation in processing waste generated from the facility, using an effluent treatment plant to recycle water and reuse it. The raw materials used, including OCC, NCC, NDLC, and sack kraft waste, will be sourced locally in the UAE to reduce transport-related emissions.

7th National Dialogue For Climate Ambition Explores Innovations In Waste Management

The Ministry of Climate Change and Environment (MOCCA) organised the seventh National Dialogue for Climate Ambition (NDCA), dedicated to waste management. The event was hosted by the Ajman Municipality and Planning Department under the theme 'Innovation in waste management as an accelerator to achieve net-zero targets' at Ajman Accelerators (Ajman X) offices.



NDCA is a series of industry-specific assemblies aimed at raising sectoral climate ambitions and informing the UAE's roadmap to net-zero by 2050

The session drew the participation of Sheikh Rashid bin Humaid Al Nuaimi, Chairman of the Ajman Municipality and Planning Department, Abdulrahman Al Nuaimi, Director General of the Ajman Municipality and Planning Department, and Aseela Al Mualla, Director General of the Fujairah Environment Authority.

Convening 70 representatives of federal and local government entities and private sector companies, the event highlighted national endeavours to implement best practices in waste management to accelerate the journey to net-zero.

Mariam bint Mohammed Almheiri, Minister of Climate Change and the Environment, emphasised the importance of promoting the adoption of integrated waste management principles through relevant legislation and

7th NDCA was held under the theme: 'Innovation in waste management as an accelerator to achieve net-zero targets'



strategies and supporting economic activities that utilise waste as a resource.

She said, “The waste sector is one of the key enablers of our greenhouse gas (GHG) emission reduction efforts. In line with our second Nationally Determined Contribution (NDC) under the Paris Agreement, we are working to reduce waste generation, expand waste treatment, and transform waste into a clean source of energy.”

Almheiri added that MOCCAЕ is preparing the National Agenda for Integrated Waste Management. “The comprehensive framework will focus on accelerating R&D and innovation to develop waste management technologies and solutions that align with the circular economy principles, and can balance GHG emission reduction and waste treatment in a climate-smart way.”

The Ministry is currently executing several waste management projects in coordination with local government authorities in the UAE. These include the Emirates RDF plant in Umm Al Quwain, the first facility of its kind in the country, which treats municipal solid waste generated in the emirates of Ajman and Umm Al Quwain and turns it into refuse-derived fuel (RDF).

MOCCAЕ has signed agreements with five leading cement factories to partially power their operations with alternative fuel generated by Emirates RDF instead of coal. This will divert more than 800 tonnes of waste per day from the landfill.

Keynote presentations were given by representatives from Emirates Nature-WWF, PureCycle; Emerson MEA; and Dulsco.

Personal Responsibility towards Mother Earth

Climate change is not the only environmental issue threatening the future of life on Earth, but it is the most serious global issue cutting across socioeconomic sectors and affecting all nations. Changing weather patterns have a direct impact on water and food security worldwide. Most natural disasters such as storms, floods, droughts, wildfires, and hurricanes, today occur due to the changes in climate.

Despite the UN's efforts including the annual climate summits (COP), the government policies in most countries are still not sufficient to achieve the required tangible progress. At the upcoming COP28 which will be held in the UAE, we should prepare ourselves with a



Dr. Eisa M. Abdellatif
Chief Technical Advisor
Zayed International
Foundation for the
Environment

new mindset and innovative solutions. Otherwise, we will end up with outcomes where nobody commits to anything.

Making tangible results is the responsibility of governments, the private sector and civil society. Governments and the private sector must take more serious action to avoid irreversible damage to the vital ecosystems of our planet.

Individuals should also bear responsibility, and this stems from awareness and consciousness. We should focus more on the 'human ware' than the hardware and software. Public awareness is more effective than any technology that we may introduce to reduce our ecological footprint. There are so many actions that each of us can take in our daily lives to help reduce greenhouse gases and enable our vital ecosystems to recover.

Water conservation is a priority issue in most countries, especially in our region. In Islamic nations, ablution is a top cause of high rates of water consumption. We need to raise awareness in mosques by holding workshops for Imams and train them to address this vital issue with the community. We can also use water wisely for our daily activities and ensure that water pipes and faucets are regularly maintained to prevent leakages.

In addition, if your tap water is safe, avoid drinking bottled water. This will reduce plastic waste and save you from ingesting microplastics. A 2016 study found microplastic particles in 97% of sampled bottled water in the USA. Moreover, more than 8 million tons of plastic enter the oceans every year causing irreversible damage to marine ecosystems and biodiversity and releasing trillions of micro and nano-plastic particles in water.

This article will be continued next month to discuss other human actions that help in saving our only planet.

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DEWS

نظام مدخرات الموظفين في إمارة دبي



تغيير مفهوم نهاية
الخدمة إلى الاستعداد
للمستقبل

للمزيد من المعلومات



zws.zurich.ae

صندوق الادخار لموظفي حكومة دبي DEWS هو برنامج الادخار الرائد في السوق وقد تم طرحه باعتماد من سمو الشيخ حمدان بن محمد بن راشد آل مكتوم، ولي عهد دبي رئيس المجلس التنفيذي، لتوفير نظام فعال وكفؤ للجهات الحكومية وموظفيها لإدارة مزايا نهاية الخدمة .

يمكن لجميع الموظفين من مختلف الجنسيات الاشتراك للصندوق للبدء بالادخار والتخطيط للمستقبل عن طريق الاقتطاع من الراتب والاستفادة الكاملة من التطبيق المبتكر والحصري للأعضاء، حيث يحتوي على مجموعة متنوعة من الصناديق المدارة باحتراف.

مستقبلك المالي بين يديك ويبدأ اليوم مع صندوق الادخار DEWS

DIFC

دائرة المالية
Department of Finance

دائرة الموارد البشرية بحكومة دبي
DUBAI GOVERNMENT HUMAN RESOURCES DEPARTMENT

المجلس التنفيذي
THE EXECUTIVE COUNCIL

مستشار الاستثمار

Mercer

الأمين الرئيسي

Equiom

المشرف

ZURICH
Workplace Solutions

تخضع كل من شركة إيكويم الشرق الأوسط للخدمات الائتمانية المحدودة، وميرسر الشرق الأوسط للخدمات المالية المحدودة وشركة زيورخ الشرق الأوسط لحلول مكان العمل المحدودة لرقابة وتنظيم سلطة دبي للخدمات المالية.