



EMIRATES ENVIRONMENTAL GROUP

EEG EDU NEWS

Together for a Better Environment©



ISLAMIC NEW YEAR

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Engage in GREEN Discussions



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26th October 2019

More Details on how to register in page 7

BRING YOUR RECYCLABLES: Every SATURDAY, 9:00AM to 4:00PM. Villa No. JMR. 68, Jumeirah 1, Between Dubai Zoo and Beach Centre. For more info, call EEG at 04 344 8622, or email eeg@emirates.net.ae.

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CAN COLLECTION DRIVE



Habiba Al Mar'ashi

Dear Readers,

I wish you all a blessed New Hijri Year,

August brought with it many reasons for us to celebrate and enjoy with our friends and families but it was also an unfortunate time for the well-being of our environment. Many countries throughout the world experience the dreadful consequences of climate change. In Europe, an extreme heatwave has caused temperatures to rise in Spain, France, England and Russia has declared a 'state of emergency' as a result of the wildfires in Siberia. Greenland shed more than 60 billion tons of ice as a heat wave enveloped the Arctic island, triggering melting on a scale not seen since 2012. From July 31 to August 1, the ice sheet

lost enough weight to cover the state of Florida in nearly 5 inches of water. At the height of the melt event, rates of ice loss approached levels scientists had not expected to see until the late 21st century. And finally, as we all know, the lungs of our planet, the geat Amazon Rainforest is on fire due to improper land management and the dissolution of the environmental protection agencies in the region.

Despite the tragic state of our environment, humankind is making positive steps to fight the effects of climate change worldwide. For the first time ever, scientists have been able to identify approximately how many trees will be needed to plant around the world to mitigate climate change impacts and the areas where they can be planted. The 2020 Tokyo Olympics committee has announced that the gold medals for the winners will be produced from gold extracted from electronic waste to send a strong message of circular economy. Kenya, who currently gets 70-75% of electricity from renewables are aiming to go 100% in the next year, which has resulted in a massive rise in investment and job opportunities in the sector, and are leading the way in sustainability in Kenya.

We at the Emirates Environmental Group believe it is more essential than ever to take proactive measures and spread awareness on the sustainable utilisation of Earth's limited resources and the advancement in technology. We have just concluded our fourth panel discussion on 26th August on the topic 'Artificial Intelligence and Sustainability'. The event was received exceptionally well by all our participants and allowed for a very passionate and stimulating discussion on technology and its ability to impact positive change. The last quarter of the year is packed with programmes! EEG will host its popular educational programmes in the month of November. The students' Workshops are scheduled to being held from the 5th - 8th November which are the most enjoyable educational experience for the students. There is also the Regional Inter College Environmental Public Speaking Competition being held on the 26th - 27th of November, which has been well received by many universities across the MENA region all set to take part in the competition. Finally, in December, we will be hosting the 18th cycle of the annual Clean Up Campaign from the 7th -17th of December covering all the Emirates. The 19th of December is booked for the massive tree planting campaign that falls under the umbrella of our annual tree planting programme, "For Our Emirates We Plant".

On the waste management front, our Neighborhood Recycling Programme has been ongoing since the 1st June and will end on the 30th of September. EEG has also launched the 2nd phase of its 'One Root One Communitree' (OROC) project for corporate entities and individuals to take part in from 19th of August - 19th of November, entities are encouraged to collect certain quantities of recyclable materials (plastic, paper, toners, mobile phones, glass and aluminum) in order to be awarded a tree to plant in their name. In October, we will be conducting the Can Collection Drive across the UAE where we will visit each Emirate and ask the community to deposit as many Cans as possible to recycle (more details for the date on page 7).

EEG believes that the route to sustainable development starts with awareness and practical solutions. We continue to strive through our busy calendar for 2019 as we aspire to complete it with successful events and input & valuable lessons learnt.

EEG NEWS

The Neighbourhood Recycling Project!

EEG rolled out "The Neighbourhood Recycling Project" on the 1st of June, as a platform to engage its active student members in recycling practices during the summer months. The duration of this campaign is from the 1st of June 2019 until 30th September 2019, wherein the enthusiastic student members of EEG are required to create flyers and distribute them among their neighbours to encourage a two-week collection of recyclable materials under the project. As of 1st of September, 137 students have registered and submitted 163872 kg Paper, 699 kg Plastic, 91 kg Aluminium Cans, 48 pcs of Mobiles and 75 pcs of Toners. Once the minimum targets are achieved, the students are eligible to plant a tree under their name with EEG on the 19.12.19

Do not miss this great opportunity and register via the link: https://forms.gle/nVujmhQQPbrv51Uz5.



Phase 2 of OROC

EEG is rolling out the 2^{nd} phase of its annual project "One Root, One Communi-Tree" (OROC) to mobilise the community and enable the growth of green urban space through tree planting of indigenous trees associated with this project. The Phase 2 of OROC was rolled out from 19^{th} August 2019 and will run till 19^{th} November 2019.

It will target corporations and individuals, wherein the participants may choose to collect and deposit the required targets of Paper, Plastic, Glass, Aluminium Cans, Toners and Mobile Phones for recycling within a period of two weeks. The last day to receive the registration to participate is the 30th of October 2019. Dear members, you can participate in Phase 2 of OROC, by copy pasting the following link in your browser: https://forms.gle/Keoe57gg3F9k4APZ8

The Phase 1 of OROC garnered great interest and participation from various entities. A total of 347,493 kg of Paper, 21,492 kg of Plastic, 334 pcs of Mobile Phones, 1,238 Kg of Aluminum Cans, 18,739 kg of Glass and 952 pcs of Toner Cartridges were collected from 253 participating entities.

Together, all the participants who achieved the target will be provided with an opportunity to plant **520 trees** under their names at the tree planting ceremony on 19.12.19. Similarly, those participants who are committed towards achieving the set targets within the time period for Phase 2 will also be eligible to plant a native Tree sapling under their name in one of the public areas of the UAE on 19.12.19. EEG looks forward to your active participation and registration!







19 AUG - 19 NOV 2019

ONE ROOT, ONE COMMUNI-TREE PHASE 2

Linking the diverse Waste Management Programme with, "For Our Emirates We Plant"

Recyclables Families

Recyclables

Educational Sector 2 weeks

EEG organises its 4th Panel Discussion on Artificial Intelligence and Sustainability!

On 26th of August, the Emirates Environmental Group (EEG), in cooperation with the Arabia CSR Network (ACSRN), the Emirates Green Building Council (EGBC), Clean Energy Business Council (CEBC), and Swiss Business Council (SBC) organised its fourth panel discussion of 2019.

Hosted by Modul University, the discussion focused on "Artificial Intelligence and Sustainability", a look into the opportunities and possibilities on how a smart and autonomous systems could aid in the fight against environmental damage and climate change.

Over 50 attendees from different sectors of the industry and from different Emirates were present at the discussion which explored how artificial intelligence will aid in reducing costs, lowering emissions and improving efficiencies of our current practices.

The panel comprised of speakers who enlightened the attendees with their expertise, knowledge, research and best practices. The experts included Mr. Alexis Lecanuet, Regional Managing Director of Accenture, Mrs. Stefanie Schachtschabel, Founder and Managing Director of Globally Connected Companies, Mr. Firas Obeido, Chief Technology Officer at Smart Automation Energy, Mr. Vasudevan, Managing Directors at Navo, and Dr. Nikolaos Mavridis, Fouder and Director at Interactive Robots and Media Lab who attended the event virtually.



Brother and Sister Duo making recycling their way of life!

Two young eco warriors in the UAE have been spending their summers engaging the community through EEG's recycling initiatives. Their mission to create a local change began while the sibling duo were still aged three and six. Over the past six years these two recycling heroes have collected around 15,000 kg of paper and 460 kg of plastic, successfully diverting them away from landfill. They have been able to achieve these impressive numbers by engaging the UAE community at large whether it was going doorstep to doorstep or driving all the way to Ajman! EEG is delighted to have provided this platform towards sustainability and looks forward to the continued participation over the coming years. The siblings have only one message to all our readers, "Please do whatever you can to protect and nurture this beautiful planet". EEG encourages all students around the UAE to similarly use this summer period to create a positive change in the world!



LOCAL NEWS

First Phase of Aerial Drone Research Project Completed

The vast project stretching across nearly **6,000** farms aims to use Artificial Intelligence to better understand the complex ecosystem of the UAE and how to best preserve it. The research Initiative by the ministry of climate change and the environment using aerial drones to facilitate the understanding of UAE's flora and fauna has now finished its first phase of exploration of vegetation and wildlife as well as water wells and farmland. The operation was spread across 550 sq km of agricultural lands across Dubai, Sharjah, Ajman, and Umm Al Quwain.

Phase two of the project will commence in October and will map agricultural areas in Fujairah and Ras Al Khaimah. Currently farming practices in the UAE can end up being extremely water intensive which is an undesirable situation as the region seeks to become increasingly sustainable. The project aims to estimate the amount of water used for irrigating the current landscape and reduce reliance on ground water by substituting it with more sustainable practices. Additionally, it accounts for influential factors such as soil type and crop diseases that are needed to make accurate statistical deductions.



Launch of new initiative by RTA- Environmentally friendly Optare buses

The Road and Transport Authority (RTA) has launched 94 emission friendly buses in 17 new routes across Dubai. All the buses come equipped with features like free Wifi and USB ports on all seats. The buses also come equipped with wheel chair provisions and low floor entry doors for people of determination. The new design also means that the buses have increased space for passengers and are compatible with the European Emission Standards (Euro 5) meaning that it is light on weight and fuel consumption and doesn't have as harmful a carbon footprint as others.

The new initiative is among those aimed at reaching the RTA's masterplan to better Dubai's public transport system while keeping up with the highest international standards. The RTA also aims to put forward public transport as the ideal mode of commute and seeks to reach a rate of 26% for public transport journeys by 2030. Nine of the routes are new and aim to further integrate public transport systems.



Sharjah aims to be the first zero-waste city by 2021

Bee'ah sharjah's waste management company aims to make Sharjah the first zero-waste city in the region by 2021. Currently they have reached a waste diversion rate of 76 per cent. To help reach their goal they have initiated a number of programmes. The most recent one being in the Al Rahmaniya neighbourhood in Sharjah. Every household in this neighbourhood is given green and blue bins, in which general waste and recyclable materials will be stored, respectively. They hope that this programme will increase waste diversion from landfills. Additionally, they provide a "You Call We Haul" service, in which Sharjah residents can have their large waste collected. Moreover, Bee'ah also provides bulk bags that have the capacity of 1.5 tonnes as part of its Green and Bulky Waste Collection Programme. The materials collected from the blue bins and bulk bags will be recycled, recovered and regenerated in the Bee'ah Waste Management Centre. In the long run, Bee'ah strives to create a more sustainable future in which a circular economy is created.



REGIONAL NEWS

Kingdom of Bahrain announces landmark plastic ban

In June 2019, a ministerial order to regulate and phase out the use of plastic bags was announced across the Kingdom. The order also aims to ban the import of bags that are non-biodegradable, and future phases will include a permanent ban on the use of plastic bags at certain malls and supermarkets.

Furthermore, the government plans to expand recycling by increasing the total number of recycling bins, thereby reducing plastic waste that ends up in landfills, moving towards a full-fledged plastic ban. The country joined UNEP's global Clean Seas Programme in 2018 as part of efforts to mitigate the effects of marine pollution and protect the various species of once abundant but now threatened coral reefs, sea turtles, dugongs and numerous fish species.

While many big companies have already shifted away from harmful plastic bags, small corner shops as well as the food service industry continue to be regular users of the cheap and easy fix. Nonetheless, the youth of the country are a growing force in changing this as well as bringing their entrepreneurial skills to find other ways to take the country forward in terms of sustainability.



Over 200 experts, specialists and senior Government officials declare a call for action to secure a future for Nature, People and Future generations in Africa

representatives from 24 countries of Eastern and Southern Africa declared a call for action to secure a future for Nature, People and Future generations in Africa, at the ESARO Regional Conservation Forum (RCF) held in Johannesburg, South Africa from 23rd - 25th July 2019.

The theme of the event was 'Securing a future for Nature, People and Future generations' and the delegates who included Ministers responsible for environment from Uganda, Rwanda and Ethiopia spoke about their shared experiences and successes they had in terms of long term conservation interests in the region.



2019-2020 UNDAF signed in Santiago de Chile

Representatives of the United Nations agencies, funds and programmes present in Chile gathered on 1st of August 2019 to sign the United Nations Development Assistance Framework (UNDAF) for the period 2019-2022.

The UNDAF outlines the assistance that will be provided to Chile by the UN and is part of the effort to achieve the Sustainable Development Goals as outlined in the 2030 Agenda which was a global commitment agreed to by over 193 states, including Chile. It identifies areas of joint cooperation on issues of institutional, social and economic development, gender equality and environmental sustainability.



Ethiopia plants over 350 million trees in a day, setting new world record

Marking a historical day for efforts to reverse the effects of climate change using geoengineering , the National Tree Planting Campaign launched by the Gulele Botanical Garden in Addis Ababa, Ethiopia broke the record for the most ever trees planted in a day. Over 350 million trees were planted in an ambitious move to counter the effects of deforestation and climate change.

The event is part of Ethiopian Prime Minister Abiy Ahmed's Green Legacy Initiative. It aimed at planting 200 million trees in a single day in 1,000 sites across the country, beating the previous record held by India for planting 50 million trees.



Continuing efforts to quell illegal ivory trade and raise awareness, Kenya yesterday launched a new wildlife conservation campaign dubbed "Ivory Trade is a Rip Off"

The campaign calls for the listing of the African Elephant in Appendix I of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) - which includes species threatened with extinction - at the Convention's upcoming 18th Conference of the Parties (CoP18) following the dwindling numbers of elephants as a result of poaching.

It is supported by 31 other African states under the African Elephant Coalition. Kenya's Airport Authority was the first to join the United Buckingham Palace Declaration, which aims to involve the international supply chain that collaborates in the fight against wildlife trafficking.

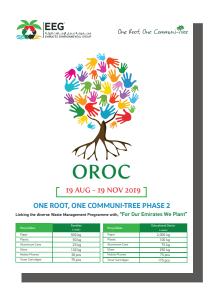






CAN COLLECTION DRIVE

Register at https://forms.gle/3aikAtiWsAfBLpsHA



ONE ROOT, ONE COMMUNI-TREE PHASE 2

Register at https://forms.gle/YTENrKV3rVqseZyV7



WORLD ENERGY CONGRESS

Register at www.wec24.org



STUDENT WORKSHOP MANUAL

Sponsorship Opportunities Available



INTER-COLLEGE ENVIRONMENTAL PUBLIC SPEAKING COMPETITION

Sponsorship Opportunities Available



THE KNOWLEDGE SUMMIT 2019 Register at https://knowledgesummit.org/

EEG MEMBERS' UPDATE

EEG warmly welcomed 11 new and 10 renewed student members and 1 new Academic Membership during the month of August 2019

STUDENT MEMBERS							
Muhammad Vakil	New	Eisa Matar Almuhairi	New	Yayin Kiran Rai	Renewal		
Rithvik Ramesh Kumar	New	Zahra Vakil	New	Mihira Anand	Renewal		
Grishm Gor	New	Raahil Sajaad Sheik	New	Ananya Dangra	Renewal		
Johan Jimmy Adattu	New	Siyana Sajaad Sheik	New	Deepak Ram Saravanane	Renewal		
Malaika Remedios	New	Shwetha Suresh Iyer	New	Adnan Challawala	Renewal		
Avani Chandel	New	Utkarsh Gor	Renewal	Reem Moujahed	Renewal		
Thea Claire Anil	Renewal	Shreyas Natarajan	Renewal	Saanvi Kiran Rai	Renewal		
ACADEMIC MEMBERSHIP							
GEMS New Millennium School, Al Khail	New	-	-	-	-		

'Let's do it now': Greta Thunberg crosses Atlantic on a zero carbon trip and calls for urgent climate action in New York!





Climate activist and teenager Greta Thunberg arrived in New York after a 17-day trip on a zero carbon solar powered yacht with a personal message to come together and tackle climate change. At a press conference, Thunberg urged people to come together to tackle the climate crisis. "We need to stand together and take action because otherwise it might be too late." To cheers from the crowd, she said: "Let's not wait any longer. Let's do it now." She added: "It is insane that a 16-year-old would have to cross the Atlantic to take a stand against the climate and ecological crisis is a global crisis and the biggest humanity has ever faced." Her vessel had been welcomed by a flotilla of 17 sailing boats, each with one of the 17 sustainable development goals written on their sails. The special welcome convoy will intercept Thunberg's yacht near the Statue of Liberty off the top of New York City. Thunberg sailed to New York to attend a UN summit on zero emissions next month after refusing to fly there because of the carbon emissions caused by planes.

NOT A MEMBER YET? SIGN UP TODAY...

EEG welcomes new members as part of the family. To know more about EEG: Call (+971) 4 344 8622 or Fax us at (+971) 4 344 8677 Log on www.eeg-uae.org; or email us on membership@eeg.ae and eeg@emirates.net.ae





The collection of materials for recycling in the month of August resulted in the following benefits:

- » GHG Reductions 299 (MTCO₂)
- » Saving of 2,042 Million BTU of Energy
- » Saving of 243 m³ of Landfill Space
- » Saving of 1,307 trees from being felled
- » Saving of 256 Gallons of Gasoline



PAPER COLLECTION CAMPAIGN	Schools	Quantity (kg)	Families	Quantity (kg)
EEG has collected 73,534 kg of Paper from 279 participants during the month of August 2019, a decrease of 46% compared to July 2019. As we enter the ninth month of 2019 and the last quarter of the year.	Birla Institute of Technology & Science, PILANI	5,840	Nia Tony	1,250
As we enter the fillin month of 2019 and the last quarter of the year, we urge all our members, to join hands with EEG to successfully meet and beat our targets set for 2019. With your commitment and active	GEMS Morden Academy	3,190	Reem Mujahed Haj	1,010
involvement we can work together, for a better environment! The Top Collectors were:	American School Of Dubai, Al Barsha	1,970	Lohitha Swaminathan	1,008
PLASTIC COLLECTION CAMPAIGN	Schools	Quantity (kg)	Families	Quantity (kg)
EEG has collected 5,379 kg of Plastic from 122 participants during the month of August 2019 a decrease of 16 % compared to July 2019. As we enter the ninth month of 2019 and the last quarter of the year, we urge all our members, to join hands with EEG to successfully meet and beat	Dovecote Green Primary School	80	Aashika Singh	80
	El Ekhlass Kindergarden	55	Namaa Ismail AlZarooni	75
our targets set for 2019. With your commitment and active involvement we can work together, for a better environment! The top collectors for the month were:	Sheikha Bint Saeed Model School	50	Maryam Malala	70
MOBILE COLLECTION CAMPAIGN	Schools	Quantity (Kg)	Families	Quantity (Kg)
EEG has collected 69 pcs of Mobile Phones from 3 participants during the month of August 2019, a decrease of 84% compared to July 2019. As we enter the ninth month of 2019 and the last guarter of the year.	-	-	Riva Tulpule	30
we urge all our members, to join hands with EEG to successfully meet and beat our targets set for 2019. With your commitment and active involvement we can work together, for a better environment! The Top collectors were:	-	-	Shakkyadeep Bose	18
GLASS COLLECTION CAMPAIGN	Schools	Quantity (Kg)	Families	Quantity (Kg)
EEG has collected 2,771 kg of Glass Bottles from 38 participants during the month of August 2019, a decrease of 32% compared to July 2019. As we enter the ninth month of 2019 and the last quarter of the year, we urge	American University of Sharjah	14	Aakanksha Sing	170
all our members, to join hands with EEG to successfully meet and beat our targets set for 2019. With your commitment and active involvement	El Ekhlass Kindergarden	10	Aashika Singh	70
we can work together, for a better environment! The Top collectors were:	-	-	Evelyn Binu Mathew	17

CAN COLLECTION CAMPAIGN

EEG has collected 317 kg of Aluminum Cans from 29 participants during the month of August 2019, a decrease of 37% compared to July 2019. As we enter the ninth month of 2019 and the last quarter of the year, we urge all our members, to join hands with EEG to successfully meet and beat our targets set for 2019. With your commitment and active involvement we can work together, for a better environment! The top collectors for the month were:

TONER COLLECTION CAMPAIGN

EEG has collected 46 pcs of Toners from 5 participants during the month of August 2019, a decrease of 60 % compared to July 2019. As we enter the ninth month of 2019 and the last quarter of the year, we urge all our members, to join hands with EEG to successfully meet and beat our targets set for 2019. With your commitment and active involvement we can work together, for a better environment! The Top collectors were:

EEG encourages all its students & schools to intensify efforts for the year 2019 to contribute significantly to the betterment of our environment and achieve the set targets for the above campaigns.

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