



# Inside SCI

## Sustainable Campus Initiative Newsletter

Ensuring Sustainable Footprint!

### QUOTE OF THE EDITION:

"Abu Dhabi has a rich diversity of species and has some of the most important species. Their populations are effectively protected by the Agency through managing the largest network in the region of protected areas to conserve endangered species and their natural habitats. However, understanding the risk and evaluating the threats faced by them as well as other species, will help us better protect them."

— H.E Dr Shaikha Salem Al Dhaheri –  
Secretary General – Environment  
Agency – Abu Dhabi.

### Opening note:

Are you familiar with ecosystem services? Biodiversity helps maintain the balance of natural ecosystems; their loss can disrupt services that ecosystems supply to humanity. Biodiversity provides provisioning services including food, raw materials, medicinal resources.

All ecosystems provide the conditions for growing, collecting, hunting or harvesting food. Ecosystems provide a great diversity of materials including wood, biofuels, and fibers from wild or cultivated plant and animal species.

Moreover, natural ecosystems provide a variety of plants and mushrooms which offer effective cures for many types of health problems. They are used in popular and traditional medicine, and for developing pharmaceuticals.

Explore the glorious jewels of nature and spread knowledge about them to help conserve them!



## Sponsors Welcome:

Borouge, a joint venture between Abu Dhabi National Oil Company (ADNOC) and Austria-based Borealis, is a leading contributor to innovative plastic solutions for various industries. Borouge endorses the protection of human wellbeing, resource optimisation, and knowledge building to support new opportunities among community members.

As a provider of plastic and chemical products, Borouge commits to sustainability principles and proactively addresses environmental issues, such as water sanitation and the safe management of chemicals. In alignment with the vision of Borouge to positively impact society today and tomorrow, we have partnered with SCI for over five years to build leadership capacity among the youth.

“At Borouge we are proud of our commitment to sustainability in everything we do. Through our long-standing engagement with Sustainable Campus Initiative (SCI) we inspire today’s youth to understand and adopt sustainability principles to protect our precious environment and empower our community,” said Maitha Al Marashi, VP Sustainability, Borouge.





# SCI in Action

## BAADR APP

On Monday 24th January 2022, the Environment Agency - Abu Dhabi and Borouge launched a unique mobile application "Baadr App". 65 people joined, Baadr App takes you through a wide range of environmental actions that you can perform every day, through Baadr App you accumulate points and earn rewards from different vendors just by cutting down your water and electricity bills, walking instead of using a car, and many more daily actions.

Khansa Ibrahim Al Blouki - Environmental Outreach Director said "We are absolutely thrilled to be launching BAADR, which marks the start of a new chapter in the history of the Environment Agency - Abu Dhabi. As individuals, the responsibility lies within all of us to ensure we protect the environment and preserve our planet for ourselves, our children and future generations. We sometimes may not realise how much our consumption is creating an impact on our surroundings but with more importance on the

environment than ever before, we strongly believe that BAADR can be a catalyst in driving positive change across Abu Dhabi when it comes to caring for our environment. Together, if we all engage with the app on a daily basis and encourage people to use BAADR often, we can significantly change the way we live and be more mindful of our consumption and behaviour – all of which can help create a better tomorrow in Abu Dhabi. "We have carefully developed BAADR to be a fun app that is easy to use for everyone and with a wide range of exciting incentives on offer for completed tasks, I encourage all of you to download the app and be part of a unique journey that will not only promote a more sustainable way of life but strengthen Abu Dhabi's position as one of the most sustainable and eco-friendly cities".

Change your habits and download Baadr App at Android and IOS.

## Biomimicry – Identifying the relevance and inspiration from biodiversity

Sustainable Campus initiative team hosted Dana Al Dhaen – Green Youth Majlis member on Monday 31st January 2022. Dana delivered a presentation to 53 individuals about employing biomimicry techniques throughout the day, since it can be applied in every sector like fashion, medical, energy, event construction. Biomimicry allows people to connect with nature and deeply understand the significance of biodiversity.

Dana mentioned how the concept can be derived and applied to solve human issues. Some of the cases shared were energy harvester inspired by aspen leaves, dust-repellent coating for spacecraft inspired by the lotus leaf, wind turbines inspired by the kingfisher, and maple Seeds ..etc..

There are many more products used that were initially designed by mimicking natural phenomena's. The main takeaway from the talk was to look deep into nature to be inspired out of the small details.

"Just be part of nature and keep thinking about biomimicry in your mind, hopefully you will become inspired and create something wonderful."

Dana Al Dhaen.

# SCI in Action

## Naturally Educated

Did you listen to our podcast yet? we are pleased to launch Sustainable Campus Initiative's Podcast "Naturally Educated" discussing topics like air pollution, biodiversity loss, to sustainability, circular economy, and Climate change hosting several environmental experts.

Naturally educated podcasts can be used as a learning tool for educators, and students to increase knowledge, and get inspiration of projects, research, and case studies. Also, used for entertainment and gaining general knowledge.

Visit our website and listen to podcast episodes:

<https://sustainablecampus.ead.ae/sciWebsite/web/site/podcast>



## Eco Pedestal

2207 UN Sustainable Development Goals research papers is published by United Arab Emirates University

The UAEU is ranked first in the country based on research productivity related to first, second, third, fourth, eleventh and fifteenth goals during the period from 2018-2021 according to Scopus database.

Well done to United Arab Emirates University for being a key contributor to finding solutions for global challenges by publishing 2,207 research papers from the year 2018 up to 2021.

Fortunately, the university invested in resources and infrastructure to ensure intensive high-quality research was conducted in scientific research laboratories, this research align and play a significant role in supporting the UAE's strategy for climate neutrality to reach zero carbon emissions by 2050 and the 17 Sustainable

Development Goals as part of a dedicated research programme known as sustainable development goals research program, where majority of projects and research activities fall under it. UAEU published 966 research papers related to goal Three good health and well-being, 368 research papers about goals Seven affordable and clean energy, 254 papers under goal Eleven sustainable cities and communities, for goal Six, 198 papers were published, and 179 research papers for goal nine industry, innovation and infrastructure.

The UAEU is ranked first in the country based on research productivity related to first, second, third, fourth, eleventh and fifteenth goals during the period from 2018-2021 according to Scopus database.



# Eco Watch

## Youth`s role in Climate Action



February 15, 2022, at 3:00 – 4:00 pm  
Location: ZOOM

As we celebrate the UAE National Environment Day, join our Environmental Youth Talk “Youth`s Role in Climate Action” with Mouza Al Zaabi Assistant Scientist, Air Quality & Climate Change, Environment Quality, and Amani Bin Humaid Sustainable Campus Initiative (SCI) Project Manager. Where you will learn about the Environment Agency- Abu Dhabi’s role in climate neutrality and opportunities to involve youth in climate action. Gear up by bringin your personal equipment’s:

Register using the following: [Click here](#)

## Higher Education Climate Dialogues 2022

February 14 – 21, 2022 at 10:00am – 5:00pm



Join the Sustainable Campus Initiative (SCI) team in the he second instalment of the Higher Education Climate Dialogues (HECD) organised by New York University Abu Dhabi (NYUAD) and the American University of Sharjah (AUS). The first student-led conference in the UAE focused on promoting sustainability in higher education across campus operations, campus culture, research and teaching. The Dialogues aim to be a continuation of and a space for collaboration of the ongoing efforts pursued by universities, student groups, governmental organizations and other stakeholders.

Register using the following: [Click here](#)  
For more details contact Laura Moncada [Ostoslim2025@nyu.edu](mailto:Ostoslim2025@nyu.edu)

# Green Space

## Key dates in February!

- 2nd Feb - World Wetland Day
- 4th Feb - National Environment Day
- 20th Feb - World Whale Day (3rd Sunday of Feb)
- February marks UAE Innovation month, be sure to share your environmental innovations too!

What have you done in 2021? Tell us more about your environmental and sustainability journey by sending us an email at [sustainablecampus@ead.gov.ae](mailto:sustainablecampus@ead.gov.ae)

## Connect with SCI

Join our network and stay updated with all things sustainable at:

- Facebook: <https://www.facebook.com/pg/greenyouthmajlis/about/>
- <https://www.facebook.com/Sustainable-Campus-Initiative-100339758483754/>
- Instagram: <https://www.instagram.com/sustainablecampusae/>
- <https://www.instagram.com/greenyouthmajlis/?hl=en>

And follow our movement through our hashtags #SustainableCampus #UAEYouth!



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