

# SDG REPORT

#### **Faculty of Civil Engineering & Technology**

# 2024

#### "Sustainability is not a choice, it's a responsibility." "The Earth does not belong to us; we belong to the Earth



Editor : Nor Amirah Abu Seman Nor Faizah Bawadi



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#### PREFACE



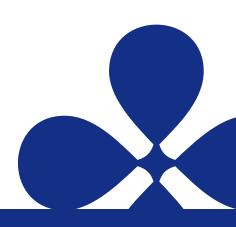
Assoc. Prof. Ts. Che Zulzikrami Che Azner Abidin

Dean Faculty of Civil Engineering & Technology, UniMAP FKTA's 2024 Sustainability Report showcases dedication to fostering a sustainable future through the #fktagolestari and #fktagossociety initiatives.

As we embrace 2024, the urgency to address environmental and societal challenges has never been greater. Our commitment to sustainability and community well-being remains at the heart of our mission to shape a future that is resilient, equitable, and environmentally conscious. The Faculty of Civil Engineering & Technology, Universiti Malaysia Perlis, proudly presents this 2024 Sustainability Report, a testament to our dedication, driven by the principles of #fktagolestari and #fktagossociety.

#fktagolestari reflects our shared responsibility to promote sustainability, while #fktagossociety underscores our commitment to fostering an inclusive and supportive community. Together, these initiatives symbolize our belief that real change begins with collective action, extending beyond the boundaries of our campus to make an impact globally.

This report highlights the innovative efforts and progress made by our faculty to embed sustainability and social responsibility into our academic, research, and operational pursuits. From advancing environmental stewardship to promoting social equity and economic resilience, we celebrate our accomplishments and reaffirm our vision for the future.We extend our deepest gratitude to the entire FKTA community—students, faculty, staff



#### SUSTAINABILITY COMMITTEE TEAMS

"The Sustainability Committee is deeply dedicated to driving impactful environmental and social initiatives."





### FKTA INITIATIVES

"FKTA's initiative towards the sustainable agenda involves three categories: awareness, practices, and contributions to society. Measuring progress is essential to understand the advancements made towards achieving the Sustainable Development Goals (SDGs). It provides valuable insights into the effectiveness of our efforts, identifies areas that require further attention, and informs decision-making for future actions."

#### Awareness



providing information, knowledge, and resources to help understand the importance of sustainable practices.



Contributing to

Societv

**Practices**/Action

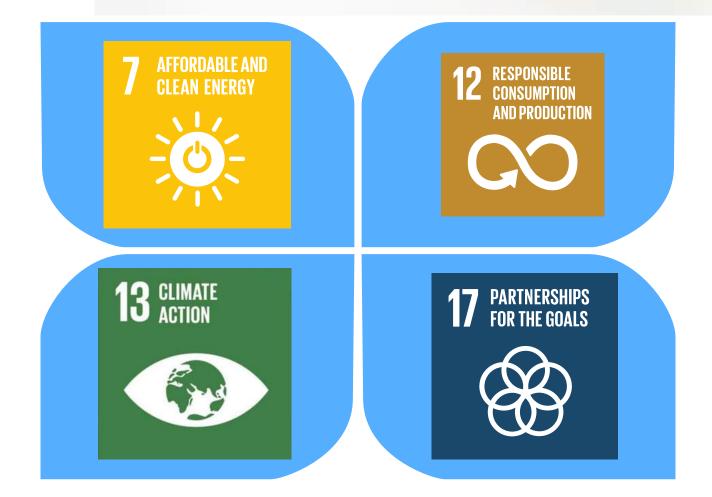
practices are implemented as part of educational programs and advocacy efforts to foster a culture of sustainability and inspire individuals and communities to take meaningful actions towards a more sustainable and environmentally responsible future.

Help build a sense of purpose, community, and shared values around sustainability, making it more accessible, relatable, and appealing to a broad audience. These contributions also play a significant role in preserving the environment and promoting sustainable living for current and future generations.

### SDG PRIORITY

All of our awareness/activities/practi ces are in alignment with the 17 Sustainable Development Goals (SDGs), with a primary focus on the following four SDGs, which are our top priorities:

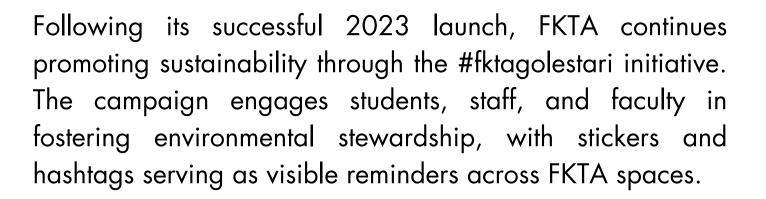




All of these initiatives comprise an awareness list aimed at promoting sustainability, and they align with and support the SDGs



### AWARENESS campaign #fktagolestari



Together, we amplify the message, ensuring sustainability remains central to our mission and extends beyond campus boundaries.



polestari



PARTNERSHIPS For the goals

Distribution of stickers to the staff and students to support and raise awareness among FKTA members continues as part of the 2024 initiative, with stickers also distributed to new staff and students







#### campaign #fktagosociety



"The #fktagossociety initiative aims to raise awareness among the surrounding neighborhood near FKTA, including factories and eateries, fostering a sense of shared responsibility for sustainability."



#fktagolestari



### **'LESTARI' Corner**



"FKTA has introduced a 'Lestari Corner' in both i) the main office corridor and ii) the student lounge, serving as a hub for information and promoting a sustainabilityfocused environment."





### **SAVE WATER CAMPAIGN**



"A water-saving campaign has been initiated, with stickers placed in restrooms to serve as reminders and promote awareness among all users."

#### #fktagolestari

DON'T WASTE WATER. SAVE THE PLANET.

Conserving water is good for the environment and can save you money. Turn off the tap while brushing your teeth or shaving, and fix leaky faucets as soon as possible.



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### **3R CAMPAIGN**



"The 3R (Reduce, Reuse, Recycle) campaign has been introduced to encourage environmental awareness. Reminder stickers have been placed throughout the faculty, and the upgraded 3R recycling bin is now conveniently located along the main pathway leading to the faculty's main office.

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### **Education: Webinar**



Education through webinars serves as a powerful platform to promote the Sustainable Development Goals (SDGs), offering opportunities to share knowledge, raise awareness, and inspire action towards a sustainable future.

QUALITY EDUCATION



BERSEMPENA CIVENTECH 2023

's Haji Mohd Faizal B Haji Abdul

Jalil

FURSUS JANGKA PENDEK ( PEMATUHAN AKTA KUALITI ALAM SEKELILING 1974

> For further enquiries civentech@unimap.edu.my

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Ts Dr Khairul Hafeza

Abdullah

### **Education: Short Course/ Conference**

A short course and conference were conducted to raise awareness and promote understanding of the topic.







### **Education: Competition Programme**

#### "FKTA promotes SDG through its Competition Programme, fostering awareness and action among participants."



tagolestari

This outlines the steps and measures by FKTA intends to take in order to promote sustainability





#### "Serve with Care, Bring Your Own Dish!"

For all events requiring the use of plates and cups, all staff have committed to supporting the initiative by bringing their own tableware



SUSTAINABLE CITIES

















#### "Serve with Care, Bring Your Own Dish!"

For all events involving the use of plates and cups, all staff have pledged their support for the initiative by bringing their own tableware.



3.Sehubungan itu, semua Exco dan Admin dijemput hadir. Potluck adalah dialu-alukan..

Menu Potluck:

- Kek Birthday
- Kek Pandan
- Nescafe Panas + Teh Ais
- Pulut kuning + Rendang daging + Rendang ayam
- karipap pusing

Sila bawa bersama Pinggan dan Cawan **FKTA GoLestari** 



Terima kasih.



petang. Potluck adalah dialu-alukan sekiranya terdapat staf yang ingin membawa makanan tambahan untuk jamuan.

🔽 Menu Hi-Tea: Mi Kari Sandwich Kuih Melayu Teh O Ais Kek yang ditaja oleh Exco FKTA

Segala kerjasama yang diberikan amatlah dihargai dan didahului dengan ucapan terima kasih. 4:51 PM

Pesanan:

de l

Sila bawa bersama pinggan dan cawan FKTAGoLestari.

Kepada yang ingin membawa potluck, diminta untuk menyediakan kelengkanan

0

#### "FKTA FREE Breakfast"

Slots for students are held at least two days per week, where they are encouraged to bring their own plates and spoons. This initiative aligns with the SDGs by promoting sustainability and reducing environmental impact through minimizing single-use plastics and encouraging eco-friendly practices.



ZERO HUNGER





#### "Gotong-Royong Madani - Hall Way"

Regular community clean-up activities are conducted around the faculty, emphasizing the 3R concept. The areas involved include the general office, laboratory spaces, student lounge, and the FKTA Herb Garden.



3 GOOD HEALTH AND WELL-BEING



#/ktagolestari

#### "Gotong-Royong Madani - Lecture Hall"

Regular community clean-up activities are conducted around the faculty, emphasizing the 3R concept. The areas involved include the general office, laboratory spaces, student lounge, and the FKTA Herb Garden.



3 GOOD HEALTH



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#### "Gotong-Royong Madani - Laboratory"

Regular community clean-up activities are conducted around the faculty, emphasizing the 3R concept. The areas involved include the general office, laboratory spaces, student lounge, and the FKTA Herb Garden.



3 GOOD HEALTH AND WELL-BEING



ktagolestari

#### "Gotong-Royong Madani - Student Lounge"

Regular community clean-up activities are conducted around the faculty, emphasizing the 3R concept. The areas involved include the general office, laboratory spaces, student lounge, and the FKTA Herb Garden.



GOOD HEALTH AND WELL-BEING



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#### "Harvesting at FKTA Garden Herbs"

Harvesting session of crops from the FKTA Herb Garden, to be shared with all FKTA members. This initiative supports the SDGs by promoting sustainability through the maintenance of green spaces and the responsible use of natural resources, contributing to a healthier environment and encouraging eco-friendly practices within the community.





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#### "Replanting at FKTA Garden Herbs"

Replanting at the FKTA Herb Garden aims to promote sustainability by revitalizing green spaces, supporting biodiversity, and contributing to environmental well-being. This initiative aligns with the SDGs by encouraging responsible land use and fostering a healthier, more sustainable ecosystem.





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#### "D.I.Y Candle Workshop"

A practical session on making candles using used cooking oil was conducted, focusing on recycling and repurposing materials to reduce waste. This activity supports the SDGs by promoting sustainable practices, such as reusing resources and minimizing environmental impact, while encouraging creativity and ecofriendly solutions in daily life.







#### 7 AFFORDABLE AND CLEAN ENERGY

#### "REUSE Through Teaching & Learning"

"The use of concrete in the AMJ10503 Civil Engineering Skills course involves students from the Civil Engineering and Environmental Engineering programs in various laboratory assignment activities. Leftover concrete is recycled for future laboratory use and shared with other groups.

Eventually, the excess concrete is utilized for improving pavements and similar purposes around FKTA, ensuring no waste is generated.

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In 2024, this initiative has been extended to include the AMK20403 Construction Materials and AMK40103 Industrial Building Construction Technology courses."





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#### "Concrete Waste Management"

Concrete waste used in laboratory activities (teaching and learning activities) is obtained for free and recycled by the contractor.





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The kiosk staff practice sustainability by implementing:

i) a comprehensive waste management system, including reducing single-use plastics and choosing eco-friendly packaging materials.

ii) educate customers on proper disposal methods and encourage participation in recycling efforts, supporting a more sustainable environment.

iii) encourage customers to use cashless payment using QRCode



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#### "Segregate Your Trash"

Staff and students practice sustainability by segregating different types of waste according to their classifications, ensuring efficient recycling and disposal. This practice supports waste reduction efforts and contributes to a more sustainable and eco-friendly environment.







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#### "Segregate Your Trash"

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SUSTAINABLE CITIES AND COMMUNITIES



ktagolestari

### 11 SUSTAINABLE CITIES AND COMMUNITIES

#### "Food Waste to Compost - Majlis Hari Raya"

During the Hari Raya celebration, food waste was collected and transformed into compost, promoting sustainable waste management practices. This initiative aligns with the SDGs by reducing landfill waste, enriching soil quality, and fostering an ecofriendly culture.







## PRACTICES/ACTIONS

# 11 SUSTAINABLE CITIES

### "Recycle Practices at Mangement Office"

- Recycling in Office Administration: Lecturer name tags are reused each semester, and used paper is repurposed for printing, while expired storage files are also recycled.
- Recycling Practices in FKTA: Paper is collected, recycled, and sold during the PROGRAM JUALAN BARANGAN KITAR SEMULA organized by COSCEM, UNIMAP.
- Positive Participation: Several PROGRAM JUALAN BARANGAN KITAR SEMULA events have been held, receiving a positive response and active participation from FKTA members.

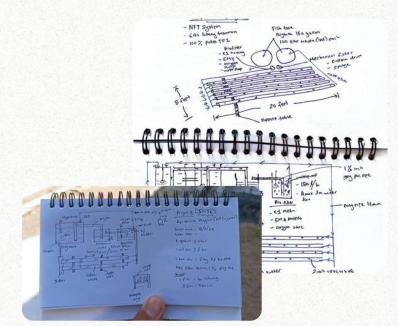


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## PRACTICES/ACTIONS

### "Aquaponic @Dragon"

FKTA students have received an RM3000 grant from CGEE, UNIMAP, under the 1 Fac 1 Entrepreneur initiative. The grant will support a project focused on Aquaponics.



14 LIFE BELOW WATER





Through small yet consistent actions like waste reduction, resource conservation, and promoting eco-friendly practices, we have demonstrated how individuals and communities can play a vital role in fostering sustainability. These efforts not only advance the Sustainable Development Goals but also contribute to creating a more equitable, environmentally conscious society for future generations.



### "Little Recyclers"

Teaching young children about recycling and environmental responsibility in an engaging way. It emphasizes the idea of children actively participating in sustainability practices.



QUALITY EDUCATION

4



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### "FKTA contributes to society by using media to educate on sustainability."

### "Masa Depan Lestari Terletak di Tangan Kita"

Utusan Malaysia | 17



ADA masa kini ADA masa kini, menjadi isu utama yang mentabuti pothatian semua pithak, batk dalam kerajaan, industri mahupun masyarakat umom

Pencemaran air, rencentration, peringkatan sisa pepejal dan perubahan tidim memberi tesan besar terhadap kehidupan seharlan takyat Malayaa, Menyedari perkara ani, bidang kejuruteraan alam sekirar mematikan peranan penting sebagai pemacu dalam usaba mencapai dalam usaba mencapai kelestarian negara. Bidang ini diumpamakan seperti payang pelindung yang berusaba mengurangkan kesan negatif mamusia terhadap alam semula jadi. Kejuruteraan alam sekitar talah bidang yang berkembang pesat di Malayaia, terutamanya dengan peningkatan sisa pepejal dan

pesat di Malaysia, terutamanya dengan pelancaran Rancangan Malaysia Ke-12 (MK12) dan Dasar Alam Rancangan pang memberi penekanan terhadap kepentingan penjagian sumber alam dan pencemaran serta menggalakkan penggunasan teknologi yang mesara alam. Berdasarkan laporan labaran Alam Sekitar (AS) pada 202, Ampti separah daripada sunga yang dipantau di selurah negara dikasifikasikan sebagai tercemar akhat daripada aktiviti industri, domestik daripada sunga yang tidak terbawai. Cabaran hu, jika dibiarkan akan merumikan dibiarkan akan merumitkan usaha negara untuk mencapai kelestarian dan meninggalkan kesan buruk kepada generasi

#### LANGKAH MENUJU **KEMAMPANAN**

KEMAMPANAN Bidang kojeruteraan alam sekitar melibatkan pengginmain tekinologi terkim dalam menangani masalah alam sekitar secara saintifik. Dengan pelbagai intovasi dalam bidang ini, jurutera alam sekitar mempunyai alam sekitar mempunyai tanggungjawab besar dalam memastikan air, udara dan tarah tidak terus terjejas oleh

pencentaran. Sehagai contoh, teknologi rawatan alt yang canggih digunakan untuk menapis bahan kunia berbahaya dan



PERMINTAAN terhadap jurutera alam sekitar se

### Masa depan lestari terletak di tangan kita

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Jurutera alam sekitar mempunyai tanggungjawab besar dalam memastikan air, udara dan tanah tidak terus terjejas oleh pencemaran."

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sekitar bentar. Di samping itu, dalam era yang semakin mengutamakan pengrunaan teknologi hilau.

jurntera alam sekitar turut juritera alam sesitia turne menggalakan peraganaan dalam menggalakan penggunaan tenagi boleh diperbaharui seperti solar dan biogan. Dengan memanfaatkan sumber tenaga yang metra alam, Malaysia danah menumnakan

sumber tenga yang mera alam, Malaysia dapat menguinngkan kebergantongan terhadap bahan api fosil. Pendekatan ini bukan sahapi membantu mengurangkan pelepasan karbon, malah menggalakkan penganaan sumber tengga yang lebih besih. Dalam jangka masa penjang, usaha ini menyumbani kepada pencapaian Matiama pencapaian Matiama benbangunan Mampan (SDG) Pertubuhan Bangas-Bangas Benata (1982), khousunya dalam aspek keketarian alam nekitar dan pengiangan jejak tabin. Peranan Universiti Malaysia Perla (UniMAP) dalam melahurkan generasi pakar alam setua satu.

alam sekitar, sebagai satu-satunya universit awam yang menawarkan program Sarjana Muda Kejuruturaan Alam Sekitai dengan Kepujian. UniMAP menganbili tanggungkwab besar dalam mendidik generasi tunda. Program ini bukan sahaja melarih pelajar dengan kerwahiran teknikal yang relevan, terapi huga menistrok relevan, tetapi juga memupuk nilai tanggungjawab sosial dan etika dalam memelihara alam sekitar igan kata lain, UniMAP

berusaha melentur buluh

berusaha mejerutu buluh dari rebungnya, melahitikan graduan berkaliber serta berwawasan dalam hidang kelestarian alam. Lebih daripada sekadar menyediakan pendidikan formal, UniMAP turut aktif dalam celasari orecis

menysetiaisan peniddikan formai, UniMAP turu atirf dalam pelibagai projek ponyviolikam yang borfokus pada penyelessian inovatif dan manipar untuk isu-isu alam sekita. Antara bidang penyelidikan yang ditekankan termasuklat teknologi rawutan air, pengurunan sisa pepejai dan penulihon ekosistem. Projek-projek ini dijalankan dengan kerjasama erat antara UniMAP, industri dan agenel kerajam. Melalui unaha tolektif ini, UoxMAP bukan ahaja menyumbang kepada pembungunan penyelesalan mampan untuk Malaysia, terapi puntuk mengana di pensida gibal dalam unaha mecupai matamat pembungunan entuk matlamat pembangunan lestari.

#### INDUSTRI DAN TANGGUNGIAWAB

TANGGUNGLAWAB SOSIAL Kini, dunia korporat turut memainkin petanan dalam menjaga alam sekitar melalui konsep Alam Sekitar, Sosial, dan Tadhir Urus (ESG). Malah, permintaan terhadap serubra alam sekitar semakin meningkat dalam sektor industri, Penerapan prinsip ESG dalam sekitar

QUALITY

EDUCATION

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melalui pendidikan, teknologi ataupon amalar harian yang lobin mesun alam, setiap langkah kecil menyumbang kepada matamat besar kelentarian. Nanteru, marilah kita bersama-sama bernasha memastikam bunu yang kita warisi bari ini dapat teras disilimati oleh generasi yang akan datang. Sesunggulinya, bulat ari kecana pembertang, bulat ala kecana pembertang, bulat ala kecana pembertang bulat alam pendikan pendikan dalab tanggungjiawab

PROFESCIENCES STATUS OF Displacement Ameri Acadim salah Delaan Dalam Reputersam 5 Telecologi Assum (2017), Christensol Makaysa Perta (LasMAP)

DR: Non Arman Acus Servan all Ahmad Jako Tenerous Bartoman Kepuan wa Akon Sekara Kepuan K

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### "FKTA contributes to society by using media to educate on sustainability."

### "Malaysia Bakal Berdepan Krisis Keterjaminan Makanan"

8 Utusan Malaysia NAELI-E-NEW TAMER 2024

**Dalam Negeri** 

### Empat strategi hadapi cuaca ekstrem

Oleh MOHD. HAFIZ

KANGAR: Beberapa strategi perla diatur dalam mendepani perla diatur dalam mendepani cuaca ekstrem dijangka tahun depan yang semakin memberi kesan ketara di Malaysia sekali



teknologi pertamian cekap ari dan tahan lasik dengan kerajaan perla melabur dalam teknologi barkanan bagi menghadapi situasi tensebut. Ujarnya, sebagai contoh, reknologi ingasi titisan yang lebih cekap dapat mengurang-dan suangan ari dalam pe-nansaman padi dan sayuran dan aguapenik jaga semakin menejad pilihan kerana tidak Semeneriskan tanah yang luas dan kuang bengantun kapada



#### Malaysia bakal berdepan krisis keterjaminan makanan

KANGAR Perubahan cuaca melampaia atau cuaca eksitem temarata dan hujan betat haar biasa yang diramal bermula ta-biasa yang diramal bermula ta-pak besar kinasuanya dalam soai teterjamiana makanan di Ma-uyata seterusnya terpakas ber-gantung kepada import. Malaysia kini bergantang ke-pada import beras kinasuanya bebit darapada ya peratus untuk keperluan dometik selalan seba-tiganbun, jagang dan daging tembu juga diimport dan haa negasa. Pensyarah Pakuli Kementer

nsyarah Fakulti Kejuruteraan dan Teknologi Awam, Uni-versiti Malaysia Perlis (Unimap), Prof. Madya Dr. Norazian Mo-



hamed Noor beekata, cuaca ekstrem seperti kematuu dan hu-jan lebat itu bakal menjejaskan

beliau, krisis keterjami-akanan global yang diceitik seperti yang krisis gandum glo rang Russia-Ukrait telah memperi puzz telah mempunakan risiko yang Malaysia hadapi terlalu bergattung kepada puet makanan. keenanjangan

negyera son-nkarga di pasanan perinteri dan angori di pengrunan ketara danan menyebubkan har-mport melankan har-mport melankan har-gan meningkarkan a, krisis keterjami-gan gibala yang diseruan pada dan pengainan yang diperbakan untuk sawah. Selain ina, banja ekateren seperti yang melanda Pantai munabkan kawasan pertanian sengarangkan penghakan mengarangkan pen intan is Jah-buahan Highlands dan Lembah Klang mengalami kerosakan akibat hanjir besar itu yang memba a

kanan segar dan kenaikan harga "Malah, kadang ternakan syam dan tikan juga terjejas teruik meryebabkan pemarunan pengebastan daging ayam dan kan saitu daa sumber protein utama bagi rakyat Malaysia. "Imgak ini tidak hanya ter-had kepada pengebastan mengebastan kanan domestik teri juga ispada keselamatan kanan berkuram mendadak seperti yang berlaku mendadak seperti yang berlaku mendadak seperti yang berlaku masak, sayu - sayu - sayan masakan ayau - saya - saya masaka saya - saya - saya masaka saya - saya - saya masaka saya - saya - saya mendadak seperti yang berlaku nasaka saya - saya - saya masaka saya - saya - saya masaka saya - saya - saya saya - saya - saya - saya masaka saya - saya - saya - saya sahaya - saya - saya - saya - saya sahaya - saya - saya - saya - saya sahaya - saya - saya - saya - saya - saya sahaya - saya -

#fktagolestari



### "FKTA contributes to society by using media to educate on sustainability."

### "Risiko Berdepan Krisis Bekalan Air"

30 Utesan Malaysta AMAAT - 16 CCC05 2024

#### Dalam Negeri

Ekoran peningkatan suhu, perubahan pola cuaca kesan ancaman pemanasan global

### Risiko berdepan krisis bekalan air

#### Oleh MOHD, HAFIZ ABD, MUTALIB



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一、四方命

#### Tingkat pengurusan sumber air secara efisien

KANGAR: Malaysia perlu me-ngambil pendekatan jangka pendek dan panjang yang berke-san bagi mengatasi cabaran pe-manasan global yang turut me-manasan global yang turut me-

manasan global yang turut me-ngancam negara ini. Pensyarah Fakulti Keju-ruteraan dan Teknologi Awam Universiti Malaysia Pedis (Uni-map), Prof. Madya Dr. Norazian Mohamed Noor berkata, antara langlah utama adalah dengan meningkatkan pengurusan sumber air secara ofision tei-masuk memperkenal teknologi moden untuk pemantauan serta penggunaan air.

1230 2 nggunaan ar. Katanya, hal demikian penna alam

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ting kerana perubahan cuasa ekstrem sering menyebabkan kekurangan air yang menjejas kan pelbagai sektot, terutama pertanian dan perindustitan. Selain itu, katanya, antara yang perlu diberikan keuta-maan adalah memperkukuh in-frastruktur yang mampu berta-han dalam cuasa ekstrem. Ujar beliau, antaranya se-perti pembinaan infrastruktur pang kebih cakap dan sistem saliran yang kebih baik pagi membantu mengurangkan risiko kerosakan akbat benca-na alam.

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### "Semai Minat STEM Melalui Kesedaran Sumber Air"

6 CLEAN WATER AND SANITATION

### Sinar BESTARI

### Semai minat STEM melalui kesedaran sumber air



ktagolestari



### "Active Living Through Sports: A Path to Health and Sustainability"

Adopting an active lifestyle through sports promotes health, reduces chronic disease risks, and fosters teamwork. It strengthens community bonds and supports mental well-being while encouraging eco-friendly practices. Embracing sports contributes to both personal well-being and environmental sustainability.



## "Students and Staff involvement in sustainability program"



The "Waste into Art" program was conducted to fulfill the criteria for the SULAM subject, held at Sekolah Rendah Kebangsaan Seri Indera, Perlis.

**9** INDUSTRY, INNOVATION AND INFRASTRUCTURE

The Youth Edu Climate Programme competition, held on June 1, 2024, at Universiti Pendidikan Sultan Idris Shah (UPSI), requires participants to present projects related to mitigating climate change.

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## "Students and Staff involvement in sustainability program"



"Trash to Cash," organized by FKTA finalyear students in collaboration with E-Idaman Sdn Bhd, featured a recycling talk and a soap-making demo using used cooking oil. The program aimed to promote eco-friendly recycling practices among the Wang Bintong community.

RESPONSIBLE CONSUMPTION AND PRODUCTION

tagolestari

## "Students and Staff involvement in sustainability program"





The Forest Biodiversity Camp, organized by the Perlis State Forestry Department, is part of the Nakawan Rainforest Festival in conjunction with the International Day of Forests at the state level from May 24 to 26, 2024.

GOOD HEALTH

An exhibition booth was set up for the KeBAT Science Carnival Program in conjunction with STEM Week, organized by the Science, Mathematics, and Vocational Technical fields. FKTA offered hands-on activities and knowledge sharing with students, including water adsorption experiments, compost bin innovations,

tagolestari

## "Students and Staff involvement in sustainability program"



The program at the Wang Pinang Wildlife Education Center, Perlis, included a forest tour in Kuala Perlis, an obstacle course, and an exploration of Gua Kelawar, focusing on the relationship between wildlife and the natural ecosystem.

CONSUMPTION

olestari



"Contribution to society through the academic course SULAM AMJ41403, which focuses on sustainable projects benefiting the community.



#### ♥ 46 Q ♥ 2

🚌 🍃 Liked by universitimalaysiaperlis and others

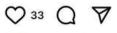
fkta.unimap Program SULAM bertajuk "INNOVATION PROJECT FOR SHOE RACK IMPLEMENTATION" telah dianjurkan oleh pelajar tahun akhir FKTA dengan bertempat di rumah anak yatim Mak Teh. Program ini melibatkan 12 orang peserta yang terdiri daripada anak-anak yatim di Rumah Anak Yatim Mak Teh dan pelajar daripada Universiti Malaysia Perlis.

Pengisian program dibentuk dan diisi dengan aktiviti utama iaitu demonstrasi pembuatan rak kasut menggunakan paip pvc. Objektif utama penganjuran program adalah untuk menyampaikan isu berkaitan kepentingan mengurus barang peribadi. .

(Demonstrasi pembuatan rak kasut mengunakan paip PVC) melibatkan kerjasama peserta dengan AJK program untuk mempelajari cara-cara untuk membuat rak kasut mengunakan paip PVC di samping mengeratkan hubungan antara pelajar Universiti Malaysia Perlis dengan anak-anak yatim di Rumah Anak Yatim Mak Teh.

Anjuran: Pelajar tahun terakhir FKTA 12 June · See Translation





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fkta.unimap Program SULAM bertajuk "INNOVATION PROJECT FOR DECORATIVE FLOWER POT RACK IMPLEMENTATION" telah dianjurka oleh pelajar tahun akhir FKTA dengan bertempat di Masjid Darul Ulun Wang Ulu, Kangar, Perlis. Program ini diadakan pada Sabtu 15 Jun 2024 yang melibatkan seramai 4 orang pelajar daripada Universiti Malaysia Perlis (UniMAP) dan 2 orang ahli masjid.

Pengisian program dibentuk dan diisi dengan aktiviti penerangan car pembuatan rak pasu bunga dekoratif menggunakan paip PVC. Objekt utama penganjuran program adalah untuk mencantik dan menceriaka kawasan masjid serta membuka ruang idea kepada pihak masjid untu menambah-baik kawasan tersebut. Rak pasu bunga yang dihasilkan menggunakan paip PVC adalah mudah untuk diubah suai sama ada dengan menambah jumlah bilangan rak atau mempelbagaikan reka bentuknya.

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"Contribution to society through the academic course SULAM AMJ41403, which focuses on sustainable projects benefiting the community.





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fkta.unimap PROGRAM SULAM : MEMELIHARA KAWASAN SEKOLAH DENGAN BAHAN KITAR SEMULA MENGUNAKAN KAEDAH PEMBINAAN SIMEN FERRO

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Pada 7 Jun 2024, Fakulti Kejuruteraan & Teknologi Awam (FKTA), Universiti Malaysia Perlis (UniMAP) dengan kerjasama Sekolah Menengah Kebangsaan Derma berjaya menganjurkan program "Memelihara kawasan sekolah dengan bahan kitar semula menggunakan kaedah pembinaan simen ferro". Program ini melibatkan penyertaan 23 murid Pendidikan Seni Visual Tingkatan 4 dari Sekolah Menengah Kebangsaan Derma.

Program ini merupakan salah satu usaha UniMAP untuk meningkatkan pengetahuan dan kesedaran komuniti menerusi inisiatif Service Learning Malaysia (SULAM). Seramai 5 orang pelajar tahun akhir Sarjana Muda Kejuruteraan Awan dan Sarjana Muda Kejuruteraan Alam





### CONCLUSIONS

Our participation in 'Anugerah Lestari' has highlighted a profound reality: small, consistent actions in daily life have the potential to collectively drive remarkable progress in sustainability and the fulfillment of the Sustainable Development Goals. By embracing practices such as waste reduction, resource conservation, and advocacy for ecofriendly initiatives, we have experienced firsthand how the dedication of individuals and communities can inspire transformative change and pave the way toward a more sustainable and resilient future.

### #fktagolestari #fktagosociety #bumikitakitalahjaga





For more information, please contact: Faculty of Civil Engineering & Technology



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