



UNIVERSITI
MALAYSIA
PERLIS



SUSTAINABILITY REPORT 2024

*Educating Minds, Empowering Change,
Embracing Sustainability*



SUSTAINABLE
DEVELOPMENT **GOALS**
17 GOALS TO TRANSFORM OUR WORLD



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Canselor

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Universiti Malaysia Perlis**

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Message from Vice Chancellor



The Times Higher Education (THE) Impact Rankings could not have come at a better time for UniMAP. Our participation in the rankings was driven by several factors – most importantly, the university's aspiration not only to contribute to global sustainability but also to play a leading role in doing so, in line with one of the fundamental functions of a university. When we decided to take part in the rankings, we were aware that there would be several operational implications.

Firstly, it was necessary to bring together all existing initiatives and ensure that they collectively addressed the sustainability agenda.

Secondly, there was a need to be mindful of our processes – specifically, how we use our resources – and to consider how our decisions, policies, and actions might compromise the priorities outlined in the Sustainable Development Goals (SDGs). It was therefore important to address these issues in a structured and deliberate manner.

Thirdly, and perhaps most fundamentally, there was a need to ensure collegiality and unity in both awareness and action among all members of the university ecosystem, with regard to the idea of sustainability in its all-encompassing dimensions – not because we are participating in the rankings, but because it is simply the right and responsible thing to do. Alhamdulillah, UniMAP is on the right track thus far, although we recognise that there is still much more that we can and must do. We have been able to achieve several commendable outcomes through well-designed initiatives – and, in some cases, indirectly – which are detailed in this report.

As an institution of higher learning, UniMAP recognises that no organisation is more powerful than a university in driving the sustainability agenda to be taken seriously and pursued with rigour by the community. We understand that the actions we take within the university are not for our benefit alone; they may, and indeed will, reverberate throughout society – inspiring its members to embrace the vision of a better future for ourselves and for generations to come, and to take meaningful actions that reflect this understanding. It is our ardent hope that the innovations arising from the creativity of our administration and the university's core functions – as well as those co-created with our stakeholders from various sectors of society – will serve as a lasting UniMAP footprint towards a more sustainable and equitable future.

Warm regards,
Prof. Dato' Ts. Dr. Zaliman Sauli
Vice Chancellor
Universiti Malaysia Perlis (UniMAP)

AT A GLANCE



ENERGY USAGE

17,691,872 kwh/yr



CARBON FOOTPRINT CO EMISSION

15,147.15 metric tons/yr



RECYCLED FOOD WASTE

287.50 kg/yr



RESEARCH INCOME

RM 13,502,301.80 - Research
Income from Industry /
Commerce



SUSTAINABILITY EVENT

>120 Event

WATER USAGE

813,108 m3/yr



TOTAL RECYCLE WASTE

4,055.76 kg/yr



REDUCTION OF PLASTIC USED

100% - Ban of Polystyrene
& Plastic Straw



COURSES

>500 Courses Related to
Sustainability



SUSTAINABILITY TRANSPORTATION

>500 Courses Related to
Sustainability





2024

SDG REPORT



Charting Our Path to
Sustainable Impact: A Year in
Review



SDG 1: NO POVERTY

To end poverty in all its forms everywhere

RESEARCH NUMBER:
49 papers

The global fight against extreme poverty stands at a precarious juncture. By aligning with SDG 1: No Poverty, UniMAP has been growing contribution to inclusive and impactful research—particularly through collaborations with developing nations, quality publications on poverty alleviation



Enrolment Students 2024/2025



The primary aim of these pipeline programs is to equip academically talented, financially disadvantaged students with the academic skills, social capital, and contextual support they need over the long term to become competitive and successful applicants to, and graduates of, university.

2.PROGRAM DERMASISWA B40 TVET:

1.PROGRAM BANTUAN SULUNG UNIMAP:

berhenti kerja, sambung belajar di Unimap demi masa depan keluarga lebih baik



A professional prioritized university education at UniMAP to improve his family's long-term welfare.

The UniMAP B40 TVET Scholarship program provides RM331,510 in aid to economically disadvantaged students in Pre-Degree and Diploma programs, directly removing financial barriers to vocational education. This targeted initiative serves as a vital mechanism for poverty eradication by equipping individuals with the skills for sustainable livelihoods and greater economic resilience.

PROGRAM SULUNG



LOW-INCOME STUDENT SUPPORT

Provide support for students from low income families to enable them to complete university. JHEP UniMAP provides structured and continuous support to students from low-income families through both free and subsidised initiatives.



85%

B40 students received the UniMAP Financial Aids

Jumlah Bantuan Bagi Tahun 2024

Jumlah peruntukan yang diagihkan
RM 1,943,852.75

Jumlah penerima
7,090



SDG 1: NO POVERTY

To end poverty in all its forms everywhere



Community Anti-poverty Programmes

UniMAP is providing direct assistance to the local community to support the start-up of financially and socially sustainable businesses through its "Program Pendayaan Komuniti@UniMADANI," which includes providing relevant education, technology, and resources such as an IoT system for beekeepers to efficiently manage and harvest honey, training and equipment for communities to produce and sell compost from organic waste, and initiatives for creating cordial juice and mushroom blocks, thereby empowering locals with new income streams and entrepreneurial skills that directly contribute to poverty reduction. The program is a pioneer initiative for public universities under a grant from the Ministry of Finance and comprises four core projects:

IoT-Based Stingless Bee Honey Monitoring: Researchers provided 100 beehives and a smartphone application, allowing beekeepers to monitor honey levels remotely. This technology enables efficient hive management and maximizes harvest yields.



Sweet Mango Cordial (Harum Manis) Juice Production: The program supports the production of value-added food products



Organic Waste Composting: This project provides community members with compost bins and training on a unique composting technique to quickly convert food waste into sellable fertilizer, creating a new product for personal use or income.



Mushroom Cultivation Blocks: The program supports the production of agricultural goods

'Project Driven for Community (D4C):

Mushroom Cultivation' using an 'optimum humidity system' worth RM1,746,140 over 5 years. It involves 24 participants from the B40 group under the 2020 State of Perlis Bumiputera Entrepreneur Development Fund Programme (DPUB) Grant. This focused community project is implemented in collaboration with the Bumiputera Agenda Steering Unit (TERAJU) and the Ministry of Economic Affairs. It aims to increase the side income and socioeconomic status of the local community and create job opportunities. The project explicitly targets the B40 group, which is the bottom 40% of income earners in Malaysia, representing the poor and vulnerable segment of the population.



Tuba Island, situated near Langkawi Island in Malaysia, boasts a vibrant fishing community. Accessible by a 45-minute boat ride from Kuala Perlis Jetty or a mere 15 minutes from Tuba Island itself, the island's east coast hosts a bustling fishing village. The community hall, originally constructed by the Department of Fisheries Malaysia, serves as a central hub for daily activities and occasional community gatherings. To address the lack of electrical infrastructure on Tuba Island, the Universiti Malaysia Perlis partnership with local cooperative KOPTUBAS, organized and executed a project to install a solar power system for the community hall. This initiative directly enhances the Standard of Living in the fishing village. The project provided a **fundamental basic service—electricity—by installing solar panels, wiring, inverters, lighting, and sockets**, thereby powering essential amenities like fans and lighting, which improves safety, enables fishing activities, and elevates the overall quality of life for the local residents.



SDG 2: ZERO HUNGER

End hunger, achieve food security and improved nutrition and promote sustainable agriculture

CAMPUS FOOD WASTE



Promoting Sustainable Food Management at UniMAP

At Universiti Malaysia Perlis (UniMAP), COSCEM leads efforts to reduce food waste by collecting, weighing, and composting waste from campus cafés. The food waste is transformed into nutrient-rich compost fertilizer, supporting campus landscaping and agricultural activities. By diverting waste from landfills and converting it into valuable resources, UniMAP promotes sustainable food management and environmental responsibility. These initiatives reflect the university's commitment to efficient use of food resources and broader nutrition security goals under SDG 2.

Sustainable Food-Waste Management at UniMAP

Universiti Malaysia Perlis (UniMAP) advances sustainable food systems through its Food-Waste to Compost Programme, managed by COSCEM. Food waste from campus cafés is collected, weighed, and transformed into nutrient-rich compost fertilizer for use across campus green spaces. This initiative reduces landfill waste, recycles valuable resources, and promotes environmental awareness among students and staff. By combining waste reduction with data-driven monitoring, UniMAP contributes to efficient food management and broader sustainability goals under SDG 2.

STUDENT HUNGER



Enhancing Food Security and Hygiene at UniMAP

Universiti Malaysia Perlis (UniMAP) promotes food security and safe food consumption on campus through initiatives led by PPP and campus management. The weekly Pasar Malam provides students with diverse, affordable, and nutritious meal options, while biannual premises inspections ensure high standards of food hygiene. These programmes enhance food accessibility, prevent hunger, and foster a safe and vibrant campus community. Through these efforts, UniMAP demonstrates its commitment to SDG 2.3.1 and sustainable campus food systems.



Supporting Access to Nutritious Food at UniMAP

Universiti Malaysia Perlis (UniMAP) ensures that both students and staff have access to affordable and nutritious food on campus through well-equipped cafeterias. For students facing financial hardship, initiatives like Free Exam Week Food Coupons and Food Kitchen UniMAP provide free meals and food packs. These programmes reduce hunger, support wellbeing, and help students maintain the energy needed for academic success. Through these efforts, UniMAP fosters an inclusive and supportive campus environment, contributing to SDG 2.3.2.



Promoting Healthy and Diverse Food Options at UniMAP

Universiti Malaysia Perlis (UniMAP) promotes healthy and diverse dietary choices on campus through its on-campus cafeteria. The menu includes a wide variety of meals, including vegetarian and vegan options, catering to different tastes and dietary needs. These offerings support student wellbeing, encourage balanced diets, and foster a culture of healthy eating. Through this initiative, UniMAP demonstrates its commitment to SDG 2.3.3 and inclusive nutrition for all students.



Affordable and Nutritious Meals for Students at UniMAP

Universiti Malaysia Perlis (UniMAP) promotes student nutrition and affordability through its "Menu Rahmah" programme, offering meals that provide all essential nutrients at just RM5.00. This initiative ensures that students have access to balanced, nutritious, and budget-friendly meals, supporting their health and academic performance. By making wholesome food accessible to all, UniMAP fosters inclusive nutrition on campus. These efforts reflect the university's commitment to SDG 2.3.4.





SDG 2: ZERO HUNGER

End hunger, achieve food security and improved nutrition and promote sustainable agriculture

PROPORTION OF GRADUATES IN AGRICULTURE AND AQUACULTURE INCLUDING SUSTAINABILITY ASPECTS



Educational Programmes Supporting Sustainable Food & Agriculture Systems

Universiti Malaysia Perlis (UniMAP) offers academic programmes that equip graduates with technical skills in sustainable food production, agricultural systems, environmental engineering, and food technology. In the recent cycle, graduates include 17 in Agricultural Engineering, 14 in Mechanical Engineering Technology (Agricultural Systems), 45 in Environmental Engineering, and 49 in Chemical Engineering Technology (Food Technology). These programmes prepare students for employment and entrepreneurship in agriculture-related sectors, supporting sustainable food systems and environmental management. Through these initiatives, UniMAP contributes to SDG 2.4.1 by building technical capacity and fostering skilled professionals in agriculture and food industries.

NATIONAL HUNGER



Enhancing Agricultural Skills through Drone Technology at UniMAP

Universiti Malaysia Perlis (UniMAP) enhances agricultural skills through its Agricultural Drone Training Programme for local farmers, focusing on both drone operation and maintenance. The training equips farmers to handle drones safely and perform scheduled maintenance, improving efficiency and crop monitoring. By addressing common challenges in drone usage, the programme promotes the adoption of modern, technology-driven farming practices. These initiatives strengthen farmer capacity and contribute to SDG 2.5.1 by supporting innovation and sustainable agriculture.



Knowledge Transfer and Capacity Building for Farmers at UniMAP

Universiti Malaysia Perlis (UniMAP) supports local farmers through knowledge transfer programmes focused on crop management and sustainable practices. A series of training sessions with mango farmers introduced modern fertilization techniques and practical crop management methods, enhancing yields and tree health. A total of 40 farmers participated in both theoretical and hands-on farm sessions. These initiatives strengthen farmer capacity, promote sustainable agriculture, and contribute to SDG 2.5.2 by improving productivity and resilience in local food systems.



Supporting Sustainable Farming through Shared Farm Facilities at UniMAP

Universiti Malaysia Perlis (UniMAP) supports sustainable farming by providing local farmers access to campus farm facilities and equipment. Key initiatives include a slasher machine for processing crop waste, such as harvested corn, into livestock feed. This approach maximizes crop utilization, reduces waste, and promotes resource-efficient farming practices. Through these efforts, UniMAP empowers farmers and contributes to SDG 2.5.3 by advancing sustainability in the agricultural sector.

Ensuring Compliance with Agricultural and Business Regulations at UniMAP

Universiti Malaysia Perlis (UniMAP) promotes responsible agricultural and business practices through the Jawatankuasa Pemantau Premis sub-committee. This committee ensures that all campus premises comply with UniMAP's established rules and regulations. Through regular monitoring and enforcement, it supports safe, lawful, and sustainable operations across campus. These efforts demonstrate UniMAP's commitment to SDG 2.5.4 by fostering regulatory compliance, safety, and sustainability in agricultural and business activities.



SDG 3: GOOD HEALTH AND WELL-BEING

Ensure healthy lives and promote well-being for all at all ages

RESEARCH IMPACT

UniMAP has produced 1,204 articles related to SDG 3 from 2017 - 2024

1,204 documents for **Good health and well-being**

Article

Lanthanum strontium cobalt ferrite $[\text{La}_{0.65}\text{Sr}_{0.4}\text{Co}_{0.2}\text{Fe}_{0.803}\text{B}]$ alloyed impedimetric sensing platform for human papillomavirus type 16 mutant DNA detection

Ramaprasad, S., Jomail, I., Lakshminpriya, T., ... Hariri, F., Idris, A.M.
Talenta, 2026

Article - Open access

Global, regional, and national mortality of larynx cancer from 1990 to 2021: results from the global burden of disease study

Han, D., Lee, H.L., Oung, Q., Lee, C.
World Journal of Surgical Oncology, 2025

Article

Improving Lung Region Segmentation Based on Lazy Snapping and Clustering for Aiding COVID-19 Diagnosis

Rahmad, R.N.S., Abdul Nasir, A.S., Hereng, O.W., Shuhada Rusmi, A.
Journal of Advanced Research in Applied Sciences and Engineering Technology, 2025

COLLABORATION AND HEALTH SERVICES

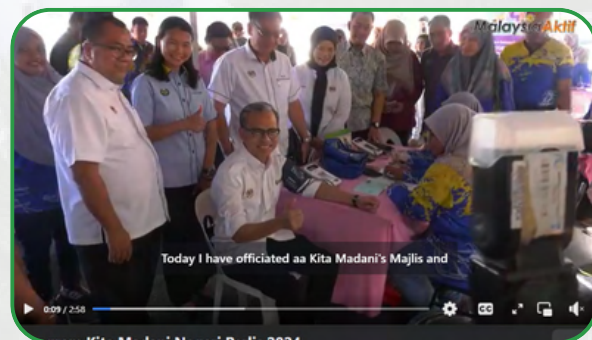
The UniMAP Counseling Centre, UUM Counseling Centre and International Khayr Ummah Foundation (Ikaf), together with the involvement of KEMAS Perlis State Agency, Perlis State Department of Women's Development, and the Al-Mustaqim Mosque Committee, Seriab, Perlis, organized the **University Social Responsibility (USR) Program at Al-Mustaqim Mosque, Seriab, Perlis on 7 March 2024, titled USR Mission: Drive For Better Nation**. The participants of this program consist of single mothers in the Kangar parliamentary area, village residents, and youths from the community.



The Counseling Centre and Majlis Penghuni Kolej Kediaman Kompleks Perumahan Pauh Putra (MPKK K3P) provide a platform for anyone in need of advice and counseling with UniMAP counselors through Bumita Care: Student Support Session with Counselors.



PKU UniMAP participated in the **KITA MADANI 2024 programme** by offering a range of health services to the public, including a Physiotherapy Service Booth and Free Medical Check-ups for local community in Kangar



The Walk For Heal Program, held in conjunction with the Closing Ceremony of the National Counseling Month 2024 at UniMAP, on 30 October 2024 (Wednesday) at Dataran Boulevard UniMAP, Pauh Putra. The program was organized by the Counseling Centre (PUSKA) in collaboration with the Student Affairs Department (JHEP), the UThis program featured a leisurely walk covering a distance of 1.3 KM, with several checkpoints along the route. It emphasized the importance of maintaining consistent mental health care through therapeutic activities applied throughout the event. These activities were designed to help participants better manage stress levels and regulate emotions effectively. niversity Health Centre (PKU), and the Peer Helper Club (PRS).





SDG 4: QUALITY EDUCATION

Ensure healthy lives and promote well-being for all at all ages

RESEARCH IMPACT

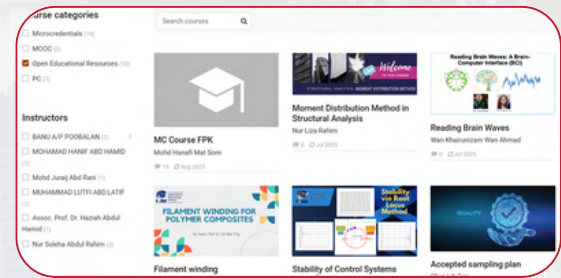
UniMAP has produced 140 articles related to SDG 4 from 2017 - 2024

10 documents for Quality education

- Article • Open access
Exploring the impacts of socioeconomic, political, and environmental determinants on life expectancy in ASEAN+3 nations
Zainol Abidin, N.Z., Abdullah, N., Nizom, R., Shoori, M.S.M.
Discover Sustainability, 2025
- Article • Open access
The Implementation and Challenges Impact of E-Learning Among Asnaf Students in Perlis: Analyzing using SPSS AMOS
Mustafa, W.A., Che Loh, N.H., Adnan, E., Wan Muhamad, W.Z.A., Asri, F.A.H.M.
Journal of Advanced Research Design, 2025
- Article
Digital technology and entrepreneurship: unveiling the bridging role of digital innovation
Yong, L., Beto, S., Sersah, U.N., Shoh, N., Soomro, B.A.
European Journal of Innovation Management, 2025

Lifelong Learning Measure

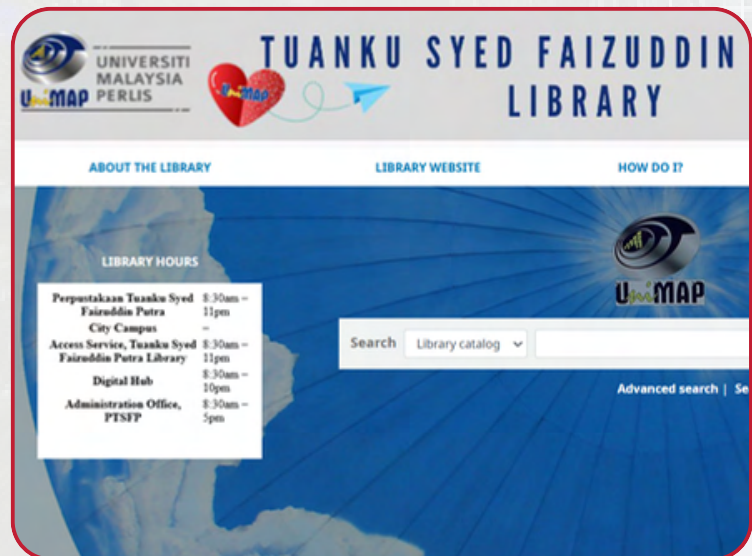
The UniMAP URFlex platform is Universiti Malaysia Perlis's official flexible education and lifelong learning portal, launched in 2024 and managed by LEAD UniMAP to support self-paced, accessible learning for diverse learners. It offers a wide range of Microcredentials (MC), MOOCs, Open Educational Resources (OER), and Professional Certification (PC) courses designed to provide upskilling and continuous education opportunities.



National Training Week (NTW) 2024 conducted through various learning methods and platforms, is provided by local industry players or universities (UniMAP included) for FREE to all Malaysians (public). UniMAP also took part as training provider in NTW. In addition, UniMAP also provides free access to university facilities and equipment, online resources and even free courses leading to certificates.

UniMAP Library Online Public Access Catalog (LocalCat)

Web OPAC (Web Online Public Access Catalog) is an online integrated library system that provides users access to the UniMAP library's catalog and holdings. The university and public community can search, trace, and acquire access to the library collections via Internet connection, including books, serials, and other materials. Besides library holdings, UniMAP allows the local and global communities to optimize other open-access resources developed by the university and its collaborators. UniMAP's WebOPAC is known as LocalCat and is open to the local and global community via <https://localcat.unimap.edu.my>



EDUSTREAM

EDUSTREAM, an annual program that features education, science, technology, reading, arts, and mathematics, offers access to the library MCMC-UniMAP Makerspace. This initiative focuses on activities that increase students' inclination and interest in science, technology, engineering, literature, and reading among school children at both primary and secondary levels. EDUSTREAM trained more than 600 students from B40 families across all schools in the state of Perlis, which is around 102 in total. MCMC-UniMAP makerspace focuses on three key areas: the design and production of 3D Objects using 3D printing technology, Robotics, and Panorama.





SDG 5: GENDER EQUALITY

Achieve gender equality and empower all women and girls

RESEARCH IMPACT

UniMAP has produced 38 articles related to SDG 5 from 2017 - 2024

documents for Gender equality

Article • Open access

The effect of board of director diversity on company performance and the mediating role of director remuneration: Malaysia public companies' evidence | El efecto de la diversidad del consejo de administración en los resultados de la empresa y el papel mediador de la remuneración de los consejeros: Las empresas públicas de Malasia

Che Mat, N.A., Muznah Mohd Solih, S.S.

Salud Ciencia Y Tecnología Serie De Conferencias, 2025

Article • Open access

Financial challenges and sustainable management practices among women enterprise owners in Malaysia: a thematic analysis for long-term stability

Abdull Rahman, N.E., Wan Mustapa, W.N.B., Rozali, A.Z., Abdul Pinal, N., Yahya, N.

Frontiers in Applied Mathematics and Statistics, 2025

Proportion of Graduates with Teaching Qualification

- 1,511 - Number of women starting a degree
- 122 - Number of first-generation women starting a degree

Student Access Measures

UniMAP actively promotes women's access through mentoring, scholarships, and targeted support programmes. UniMAP advances women's access through mentoring/ leadership, delivered across 119 pillar programmes—involving 13,380 students (including young women). Female B40 students are included in zakat and Sulung schemes. JHEP facilitated women's visibility and access to national platforms, including Atiqah Elya (3rd place, Anugerah Perdana Belia Negara 2024, Perlis) and Nurul Syazwani (UniMAP representative to the YSS student volunteer mission). Participation in International Women's Day 2024 (8/3/2024) highlighted female leadership and connected students to resources and role models

Proportion of Senior Female Academics

- 394 - Number of senior academic staff
- 156 - Number of female senior academic staff

Proportion of Women Receiving Degrees

- 1,296 - female graduates by subject area (STEM, Medicine, Arts & Humanities / Social Sciences)

Women's Progress Measures

According to UniMAP Constitution under Section 8 – pdf page 13

Distinction of race and creed prohibited

Subject to Article 153 of the Federal Constitution, membership of the University, whether as a student or employee of the University, shall be open to all persons irrespective of sex, race, religion, nationality or class; and no test of religious belief or profession shall be adopted or imposed in order to entitle any person to be admitted to such membership or to be awarded any degree or diploma of the University



The university promotes women's participation in underrepresented fields through research and outreach programmes that support gender inclusivity in STEM. In 2024, UniMAP conducted outreach activities like the Chemical Engineering Promotion Programme for SPM graduates and hosted international events such as LEAF2024 and the ERASMUS+ Info Session, which foster leadership, empowerment, and global exposure for women in underrepresented disciplines.



UniMAP ERASMUS+ Info Session: Paving the Way to Global Education

ARAU, Dec 4 – The ERASMUS+ National Focal Point (ENFP) Malaysia, Assoc Prof. Dr. Mohd Arifin Abu Hassan, Director of UTM International, was invited to Universiti Malaysia Perlis (UniMAP), which hosted the ERASMUS+ Info Session at the Auditorium Tuanku Syed Faizuddin Putra Library. The event drew an impressive attendance more than 100 participants and aimed to introduce and promote opportunities for Malaysian higher education institutions to establish international collaborations with European countries through the ERASMUS+ program.

As a statutory body under Malaysia's Public Service Department (JPA), UniMAP fully adopts and implements the provisions outlined in official circulars :

1. Maternity leave benefits and the one-hour early dismissal privilege
2. Clustered Unrecorded Leave for spouses during childbirth.



AKTA UNIVERSITI DAN KOLEJ UNIVERSITI 1971
PERLEMBAGAN UNIVERSITI MALAYSIA PERLIS
[P.U. (A) 468/2010]
(Ditawar kepada semua pelajar universiti)

Ditawar kepada:
Penerimaan Pendaftaran Pelajar Baru
12 Jun 2024

Tarikh Pendaftaran	12 Jun 2024
Tarikh Pendaftaran	12 Jun 2024
Tarikh Pendaftaran	12 Jun 2024
Tarikh Pendaftaran	12 Jun 2024

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SDG 5: GENDER EQUALITY

Achieve gender equality and empower all women and girls

Mentored to Lead: UniMAP's Women-Centered Mentoring Pathways

Super User / Blog / 04 September 2025



UniMAP advances SDG 5 (Gender Equality), Indicator 5.6.6

Female students actively mentored through structured leadership and peer-support programmes, including Program Pemimpin Mahasiswa and Kem Pemimpin Mahasiswa UniMAP.

"Polisi Perlindungan Pemberi Maklumat Universiti Malaysia Perlis" (Whistler Blower Policy), this Policy protect the individuals reporting the wrongdoing occurred within the University so that appropriate actions can be taken. The University recognizes that staff, students or members of the public who disclose wrongdoing in the University may rely on protections under this Policy or under the Act in making a disclosure.



UNIVERSITI MALAYSIA PERLIS

POLISI PERLINDUNGAN PEMBERI MAKLUMAT

KANDUNGAN

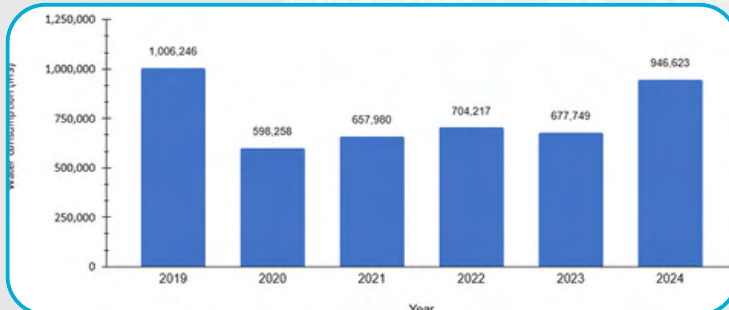
Bil.	Tajuk	Muka Surat
1.	NAMA DAN TARIKH KUAT KUSA	1
2.	TUJUAN	1
3.	PEMBAKARAN	2
4.	TAHSISAN	2
5.	PERKARA YANG BOLEH DILAPORKAN	3
6.	PROSEDUR PEMBERIAN MAKLUMAT ATAU ADUAN	4
7.	PERLINDUNGAN KEPADA PEMBERI MAKLUMAT	6
8.	PERLINDUNGAN DARI TINDAKAN YANG MEMLEKATKAN	6
9.	PENBAHULAN PERLINDUNGAN PEMBERI MAKLUMAT	7
10.	KAWALAN REKOD	7
11.	KERAHASIAAN DAN PENGKELASAN DOKUMEN	8
12.	AKTA PERLINDUNGAN PEMBERI MAKLUMAT 2010 (AKTA 711)	8
13.	KERTUALAMAN POLISI	8
14.	PANDUAN PEMBERI MAKLUMAT	9
15.	BORANG A - BORANG PENDEKSAHAN SALAH LAKU / KELAKSIAN TIDAK WAJIB OLEH PEMBERI MAKLUMAT	10
16.	BORANG B - BORANG ADUAN TINDAKAN YANG MEMLEKATKAN	13
17.	SUMBER RUJUKAN	15



SDG 6: CLEAN WATER AND SANITATION

Ensure availability and sustainable management of water and sanitation for all

WATER CONSUMPTION PER PERSON



Water Sustainability Reporting – UniMAP Main Campus

UniMAP's Main Campus receives its water supply through three bulk meters connected to Syarikat Air Perlis (SAP), with usage monitored monthly in cubic metres via the UniMAP Sustainability Dashboard. This monitoring allows the university to track consumption trends and enhance water efficiency. The data supports sustainable resource management efforts across the campus. UniMAP also plans to expand monitoring to include sanitation and hygiene facilities in line with SDG 6.2.1.

WATER USAGE AND CARE



UniMAP Main Campus – Wastewater Management Report

UniMAP's Main Campus ensures safe wastewater management through its Sewage Treatment Plant (STP), maintained by a qualified external contractor under a 24-month contract. Preventive maintenance and operational monitoring are carried out on a weekly, monthly, and annual basis. Effluent quality is tested regularly to comply with the Environmental Quality Act 1974 and its related sewage regulations. Comprehensive documentation, including maintenance records and lab test results, supports UniMAP's compliance with SDG 6.3.1.



UniMAP Main Campus – Water Quality Management Report

UniMAP's Main Campus ensures that all water supplied is treated by Syarikat Air Perlis (SAP) in compliance with national water quality standards. The campus further safeguards water quality through control panels installed in its screening systems for continuous monitoring and testing. Supporting documentation, such as the Water, Sewerage and Fact Book 2024 and monitoring records, provides evidence of effective oversight. These measures reflect UniMAP's commitment to maintaining safe, high-quality water in alignment with SDG 6.3.2.



UniMAP Campus – Safe Drinking Water Provision

UniMAP ensures access to safe and purified drinking water across all campuses through rented water filtration systems. A total of 21 locations provide free, high-quality drinking water for staff, students, and visitors. This initiative promotes health, well-being, and environmental responsibility. It also supports UniMAP's commitment to SDG 6.3.3 by ensuring safely managed drinking water services for the campus community.



Rainwater Harvesting System in Engineering Centre Building



UniMAP Campus – Rainwater Harvesting and Water Reuse

UniMAP has adopted rainwater harvesting systems to collect and reuse rainwater for non-potable uses such as cleaning, landscape irrigation, and toilet flushing. This initiative reduces dependence on the municipal water supply, provides backup water during shortages, and helps prevent flash floods. The systems have been fully installed, tested, and monitored in accordance with local water-efficient building regulations. These efforts demonstrate UniMAP's operational commitment to sustainability and compliance with SDG 6.3.4.

UniMAP is expanding its greenery with more plants across campus. Through SDG 6.3.5 Water-conscious Planting, UniMAP uses drought-tolerant and native species, early morning watering, mulching, and drip irrigation – keeping the campus vibrant while saving water.	
LANDSCAPE PROJECT/ EVENT	TOTAL AMOUNT OF PLANTS
Existing plants / before 2024	6175 nos
Students Event with Pejabat Hutan	34 nos
COSCEM Event with Pejabat Hutan	
Harum Manis by INSAT/Agroteknologi Lestari	163 nos
Pusat Kesihatan Universiti	385 nos
Dewan Besar Tuanku Canselor	409 nos
Total Plantation in UniMAP	7166 nos

UniMAP Campus – Water-Conscious Landscaping

UniMAP has planted 7,166 trees and shrubs across its campus using water-efficient landscaping methods. The university incorporates drought-tolerant and native species, along with practices such as early morning watering, mulching, and drip irrigation to minimize water use. These sustainable techniques maintain healthy green spaces while conserving resources. Collectively, they support SDG 6.3.5 by promoting efficient water management and sustainable campus ecosystems.



SDG 6: CLEAN WATER AND SANITATION

Ensure availability and sustainable management of water and sanitation for all

WATER USAGE AND CARE



UniMAP Main Campus – Water Use Efficiency

UniMAP monitors water consumption on its main campus through three bulk meters, with monthly data recorded on the Sustainability Dashboard. Water-use efficiency is evaluated per campus user and compared annually to track progress. Initiatives such as rainwater harvesting, water-conscious landscaping, and awareness programs further enhance resource efficiency. These actions reflect UniMAP's dedication to SDG 6.4.1 by improving water-use efficiency and ensuring sustainable water management.

UniMAP Main Campus – Water Use for Landscaping

UniMAP engages three contractors to maintain campus landscaping, with new plantings watered twice daily using water sourced from retention ponds. The annual landscaping water use is approximately 4,680,000 litres. Through practices like drip irrigation, mulching, and the use of drought-tolerant species, the university reduces freshwater dependence and mitigates water stress. These sustainable measures demonstrate UniMAP's commitment to SDG 6.4.2 by promoting responsible water resource management.



WATER IN THE COMMUNITY



UniMAP Community and Campus Water Management

UniMAP's groundwater treatment project in Lubuk Machang Village supports integrated water resources management by addressing local water shortages through sustainable treatment and monitoring processes. The project involves regular monitoring of backwashing, influent and effluent quality, buffering, and treated water storage. Community engagement is strengthened through educational workshops and the International Conference on Civil and Environmental Engineering (CENVIRON 2024). These initiatives foster responsible water use and reflect UniMAP's commitment to SDG 6.5.1 compliance.



UniMAP Community Engagement

UniMAP engages in community water conservation through programs like Kem Pemimpin Muda Prihatin Air (KPMPA 2024) and the Young Water Scientist Camp (YWSC 2024). University staff acted as instructors and facilitators, reaching 132 students from schools and higher education institutions nationwide. These initiatives promote STEM education, raise awareness of sustainable water practices, and extend UniMAP's conservation efforts to local communities. Collectively, they demonstrate the university's commitment to SDG 6.5.3.



UniMAP Campus – Sustainable Water Management for Landscaping

UniMAP practices sustainable water management in campus landscaping using rainwater harvesting and a retention pond system at the Syed Sirajuddin Areeb Putra Sports Complex. Early morning watering maximizes absorption and reduces evaporation. These measures lower dependence on treated water and conserve natural resources. The initiative exemplifies efficient water use, aligning with SDG 6.5.4 and supporting UniMAP's green campus objectives.

Participation in Water Cooperation and Conservation Initiatives

UniMAP actively promotes water conservation through national collaborations, including a SPAN sustainability course, a World Water Day webinar series, and algae bloom management sessions with Perbadanan Putrajaya. These initiatives demonstrate the university's commitment to SDG 6.5.5 via education, inter-agency cooperation, and sustainable freshwater management.



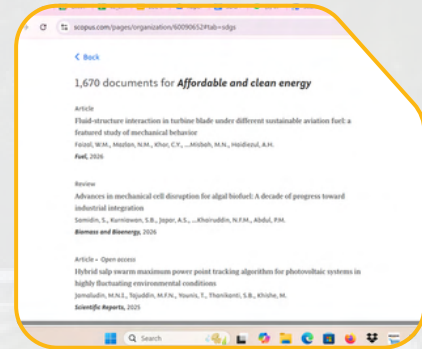


SDG 7: AFFORDABLE AND CLEAN ENERGY

Ensure access to affordable, reliable, sustainable and modern energy for all

RESEARCH IMPACT

UniMAP has produced 1,670 articles related to SDG 7 from 2017 - 2024



UNIVERSITY MEASURE TOWARDS AFFORDABLES AND CLAN ENERGY

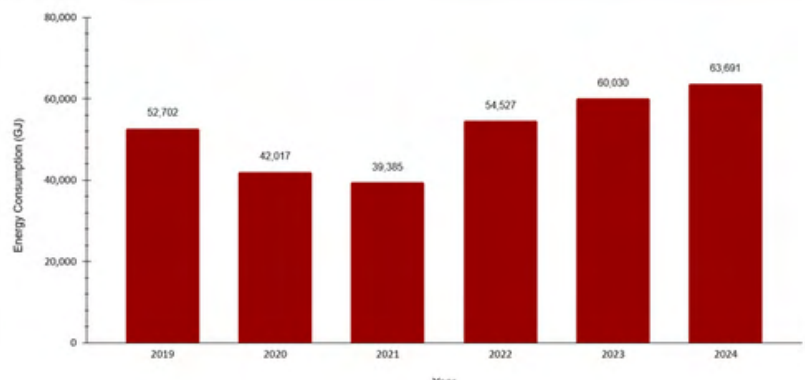
Replacement of air-conditioning units – A total of 28 split-unit air conditioners at academic staff offices within the Faculty of Electrical Engineering and Technology (FKTE) were replaced with new energy-efficient models equipped with nergy Efficiency Star Ratings, enabling reduced electricity consumption and improved operational performance.



Replacement of conventional lighting with LED technology – A total of 282 streetlights was replaced with LED-type fittings, along with 557 fluorescent tube lamps upgraded to LED units across various faculty buildings within the campus. These replacement initiatives are expected to contribute significantly to the reduction of electricity consumption across campus facilities, aligning with UniMAP's continuous efforts to promote energy efficiency and sustainability in its operations

ENERGY USE DENSITY

The total energy consumption for the year 2024 was 63,691 GJ. Based on the university's total floor area of 187,399 m², the calculated energy density is approximately 0.339 GJ/m², equivalent to 339 MJ/m².





SDG 7: AFFORDABLE AND CLEAN ENERGY

Ensure access to affordable, reliable, sustainable and modern energy for all

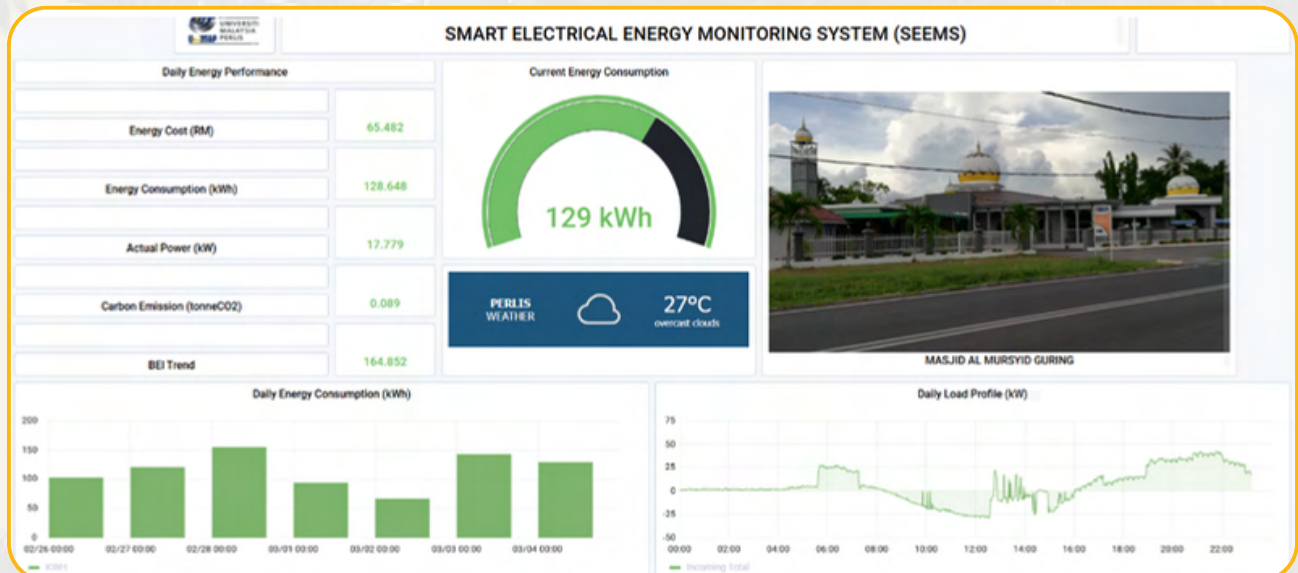
ENERGY AND THE COMMUNITY

Seminar Pengurusan Tenaga Elektrik yang Cepak which was held on **26 June 2024** at Dewan Residen (Official Residence of the Chief Minister of Perlis). The programme was organized in collaboration with the Tenaga Nasional Berhad (TNB) Perlis, a national utility company and was attended by approximately 100 community representatives from across the state of Perlis



Program Transformasi Masjid Rumah Ibadat Hijau was conducted on **9 December 2024** at Al-Mursyid Guring Mosque, in collaboration with the Faculty of Electrical Engineering and Technology (FKTE), UniMAP. The programme also involved 26 students from the course EMT20105 – Building Electrical System Maintenance, who actively participated in the implementation activities. The energy efficiency initiatives carried out during the programme included:

- Replacement of existing lamps with LED lighting
- Installation of Smart Electrical WiFi Switches
- Installation of Smart Electrical Energy Monitoring System.



As a conclusion, these initiatives reflect UniMAP's strong commitment to promoting sustainable energy practices and supporting national efforts toward carbon reduction and low-carbon campus transformation. Through active community participation and student engagement, the University continues to serve as a catalyst for spreading knowledge and implementing practical solutions in energy efficiency and renewable energy adoption across Perlis.



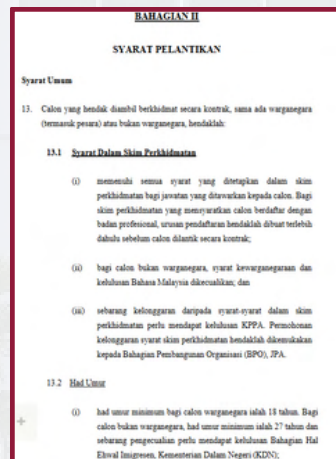
SDG 8: DECENT WORK AND ECONOMIC GROWTH

Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

EMPLOYMENT POLICY & EQUITY

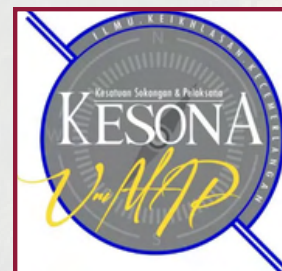
UniMAP EMPLOYMENT PRACTICES

As a public university, UniMAP's employment practices are subject to circulars set by Jabatan Perkhidmatan Awam Malaysia (Public Services Department, Malaysia). The latest circular on employment is Pekeliling Perkhidmatan Bilangan 1 Tahun 2016 Rasionalisasi Skim Perkhidmatan bagi Perkhidmatan Awam Persekutuan di bawah Sistem Saraan Malaysia which highlights the terms of reference for employment. This circular needs to be read together with the List of Services Scheme. One of the states that the candidate must be not less than 18 years old when applying for a position at organisation



EMPLOYMENT PRACTICE UNIONS

UniMAP has endorsed employment unions Persatuan Kakitangan Akademik (PKA) for Academic Staff, Persatuan Pegawai Tadbir dan Ikhtisas (POTENSI) for administrator, and Kesatuan Kakitangan Pelaksana (KESONA) for supporting staff in resolving conflicts or issues related to employment and as a platform for staff to contribute ideas for the university as well to enable staff to protect their own welfare



PROPORTION OF STUDENTS TAKING WORK PLACEMENTS



Numbers of students

11,008



Numbers of students with work placements

2,116

PROPORTION OF EMPLOYEES ON SECURE CONTRACTS



Numbers of employees

2,091



Numbers of employees on contracts of over 24 months

2,038



SDG 9: INDUSTRY, INNOVATION AND INFRASTRUCTURE

Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

RESEARCH IMPACT

UniMAP has produced 1,348 articles related to SDG 9 from 2017 - 2024

UniMAP Spins-off Company

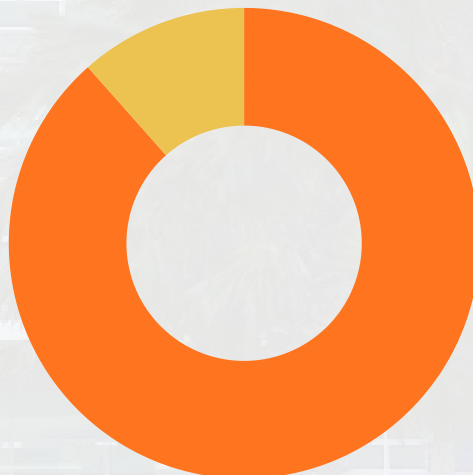
UniMAP has five spin-offs company for the year 2024



RESEARCH INCOME FROM INDUSTRY AND COMMERCE

UniMAP has five spin-offs company for the year 2024

Research income from industry and commerce by subject area: Arts & Humanities / Social sciences
11.6%



Research income from industry and commerce by subject area: STEM
88.4%

Performance by Type :

STEM | RM 13,502,301.08

Arts & Humanities / Social sciences | RM 1,176,317.7



SDG 10: REDUCED INEQUALITIES

Reduce inequality within and among countries

FIRST GENERATION STUDENTS

- Number of students starting a degree - 3,055
- Number of first-generation students starting a degree - 1,058

STUDENTS / EMPLOYEES WITH DISABILITIES

Students:

Students | 11,008

Disabled | 0

Employees:

Employees | 2,091

Disabled | 3

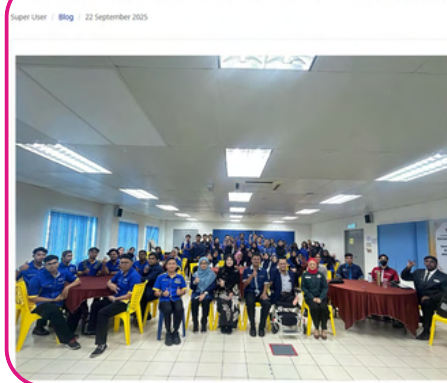
MEASUREMENT AGAINST DISCRIMINATION

UniMAP's Student Affairs Department administers the BKOKU scheme, covering tuition fees and a monthly allowance for students with disabilities. Open across study modes with clear, timely disbursement, it removes financial barriers and ensures equal access and completion opportunities.

UniMAP terima pelajar autisme pertama



Removing Barriers, Enabling Success: UniMAP's BKOKU Disability Support



UniMAP provides a paid Buddy System to support students with disabilities, where trained peers assist with academic and daily learning needs. Buddies receive RM5 per hour (up to RM400 monthly), ensuring sustained, structured support for disability inclusion and access.

FACILITIES FOR PEOPLE WITH DISABILITIES

UniMAP building is equipped with accessible facilities for people with disabilities. Existence of facilities in UniMAP is at rental building and permanent building in UniMAP campus.

18.6.7 Accessible Facilities for People with Disabilities		
No.	FACILITIES FOR PEOPLE WITH DISABILITIES	LOCATION
1	Wheelchair ramp	FAKULTI TEKNOLOGI PERAK & TEKNOLOGI MEKANIKAL
2	Wheelchair ramp	FAKULTI TEKNOLOGI PERAK & TEKNOLOGI MEKANIKAL
3	Wheelchair ramp	PERPUSTAKAAN
4	Wheelchair ramp	PUSAT KURIKULUM & KESKUS
5	Wheelchair ramp	JABATAN PEMBANGUNAN
6	Wheelchair ramp	FAKULTI TEKNOLOGI PERAK & TEKNOLOGI MEKANIKAL
7	Wheelchair ramp	FAKULTI TEKNOLOGI PERAK & TEKNOLOGI MEKANIKAL
8	Wheelchair ramp	JABATAN PEMBANGUNAN
9	Wheelchair ramp	PUSAT PERKIJARAN PELAJAR
10	Wheelchair ramp	PUSAT PERKIJARAN PELAJAR
11	Wheelchair ramp	PUSAT PERKIJARAN PELAJAR
12	Wheelchair ramp	PUSAT PERKIJARAN PELAJAR
13	Wheelchair ramp	PUSAT PERKIJARAN PELAJAR
14	Wheelchair ramp	PUSAT PERKIJARAN PELAJAR
15	Wheelchair ramp	PUSAT PERKIJARAN PELAJAR
16	Wheelchair ramp	PUSAT PERKIJARAN PELAJAR
17	Wheelchair ramp	PUSAT PERKIJARAN PELAJAR
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47	Wheelchair ramp	PUSAT PERKIJARAN PELAJAR
48	Wheelchair ramp	PUSAT PERKIJARAN PELAJAR
49	Wheelchair ramp	PUSAT PERKIJARAN PELAJAR
50	Wheelchair ramp	PUSAT PERKIJARAN PELAJAR

LECTURE HALLS



FACULTY



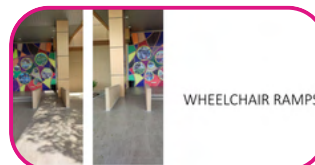
ILMU HALL



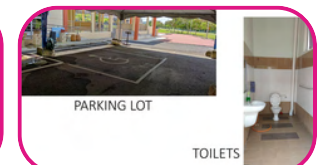
MOSQUE



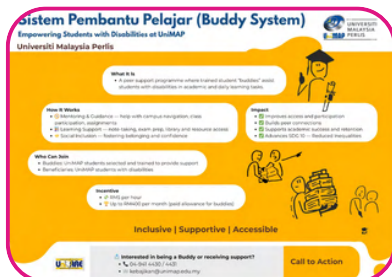
WHEELCHAIR RAMP



PARKING LOT



TOILETS

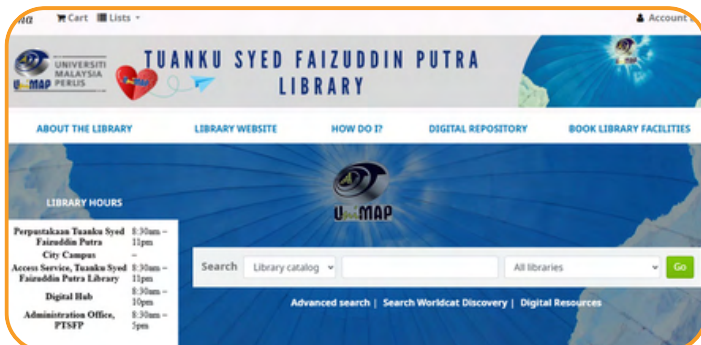




SDG 11: SUSTAINABLE CITIES AND COMMUNITIES

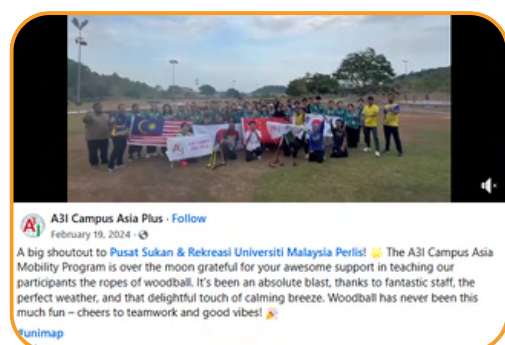
Make cities and human settlements inclusive, safe resilient and sustainable

SUPPORT OF ARTS AND HERITAGE



Support for Sustainable and Accessible Services

Universiti Malaysia Perlis (UniMAP) promotes equitable access to knowledge and community engagement through its Library Online Public Access Catalog (LocalCat) and the Community Hub @ UniMAP Library. LocalCat (<https://localcat.unimap.edu.my>) is an open Web Online Public Access Catalog (WebOPAC) that enables the local and global community to search and access UniMAP's library collections, including books, serials, and academic materials, as well as other open-access repositories via WorldCat Discovery (OCLC). Meanwhile, the Community Hub serves as an inclusive space providing facilities and support for autistic children, B40 school students, and higher education learners in Perlis, featuring Makerspace, autism therapy centers, and community learning areas. Together, these initiatives support SDG 11.2.2 by enhancing inclusive, accessible, and sustainable public services that promote lifelong learning and community development.



Access to Arts, Culture, Heritage, and Public Spaces

Universiti Malaysia Perlis (UniMAP) promotes access to arts, culture, heritage, and public spaces through its University Gallery, 1001 Gallery, Virtual Research Gallery, and the UniMAP Research and Innovation Excellence Exhibition. The University Gallery and 1001 Gallery showcase permanent and rotating exhibitions of research, historical artifacts, and the university's achievements, while the Virtual Research Gallery (link) provides global online access. The Research and Innovation Excellence Exhibition highlights research impact, innovation, and collaboration networks. Collectively, these initiatives advance SDG 11.2.3 by offering inclusive, accessible, and engaging physical and digital spaces for cultural, educational, and community engagement.



Access to Green and Recreational Spaces

Universiti Malaysia Perlis (UniMAP), through its Pusat Sukan & Rekreasi (PSR), promotes community engagement and active lifestyles by providing access to sports and recreational facilities, including the UniMAP Woodball Fairway. In collaboration with the Perlis State Woodball Association, state and national players use the fairway for training and practice, fostering community partnerships and encouraging participation in woodball, a growing sport in Malaysia. This initiative supports SDG 11.2.4 by ensuring inclusive, safe, and sustainable access to green and recreational spaces, while demonstrating UniMAP's commitment to healthy living, social interaction, and optimized campus facilities for both academic and public use.

Make cities and human settlements inclusive, safe resilient and sustainable



In 2024, UniMAP's Cultural Centre (PKBU) organized 80 programs promoting cultural and artistic expression, including traditional dances, music, theatre, choirs, and poetry. Collaborating with government, private partners, and artists, these events engaged both local and international audiences. The initiatives enhance public access to arts, celebrate Malaysia's cultural diversity, and foster creative exchange among students, artists, and the community, supporting SDG 11.2.5 by preserving heritage and encouraging inclusive cultural participation.



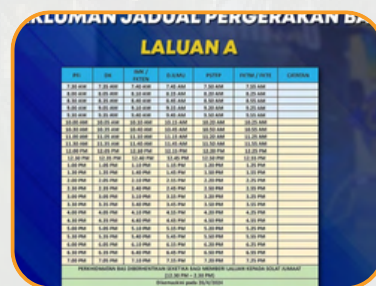
Promotion of Cultural Diversity, Inclusion, and Social Awareness

In 2024, UniMAP's Cultural Centre advanced cultural diversity, inclusion, and social awareness through programs like the Indrasutra Music and Dance Camp, fostering knowledge of Malay performing arts and international engagement with Japanese students. The musical theatre "Pintu" raised drug abuse awareness for 400 onsite and 12,000 online viewers, while workshops with askDance Company introduced Chinese and Indian traditional dances, promoting cross-cultural appreciation. These initiatives strengthen social cohesion, celebrate Malaysia's diverse heritage, and use arts and culture as platforms for inclusive engagement, supporting SDG 11.2.6.

SUSTAINABLE PRACTICES

Environmental Awareness and Sustainable Community Initiatives

In 2024, UniMAP advanced sustainable transport and campus mobility through its Shuttle Bus Service and the Blueprint UniMAP Lestari 2030. The shuttle connects campuses and key facilities, reducing private vehicle use, traffic congestion, and carbon emissions, while ensuring safe and convenient travel. The blueprint outlines long-term strategies for energy efficiency, waste management, and green mobility, guiding the university toward a low-carbon, environmentally responsible campus. These initiatives exemplify UniMAP's commitment to SDG 11.4.1 by integrating sustainable transport and environmental practices into daily operations and institutional policies.



Environmental Awareness and Sustainable Community Initiatives

In 2024, UniMAP promoted environmental awareness through initiatives like the Eco Fun Walk and Merdeka Fun Walk: Carbon@UniMAP2024. These events engaged students and staff in outdoor activities, environmental education, tree planting, and recognition of sustainability efforts. Aligned with the Low Carbon City Challenge 2030, the programs emphasize carbon reduction, sustainable practices, and community engagement. Collectively, they demonstrate UniMAP's commitment to SDG 11.4.2 by fostering environmental stewardship, raising climate action awareness, and integrating sustainability into campus and societal initiatives.





SDG 12: RESPONSIBLE CONSUMPTION AND PRODUCTION

Ensure sustainable consumption and production patterns

OPERATIONAL MEASURES



Responsible Management of Scheduled Wastes at UniMAP

UniMAP's COSHE manages scheduled wastes in compliance with national regulations using the DOE's eSWIS system, integrating environmental responsibility and workplace safety to support SDG 12.2.3.

POLISI PENGURUSAN SISA

Pengurusan Sisa- Memastikan bahan yang digunakan selama mungkin dan meminimumkan jumlah sisa pepejal yang dibuang di tapak pelupusan atau melalui loji rawatan terma (incinerator)

SDG 12 : Penggunaan dan Pengeluaran Bertanggungjawab Memastikan corak penggunaan dan pengeluaran mampan	UniMAP komited dalam melaksanakan pengurusan sisa yang teratur dan amalan penjagaan kebersihan dan kesihatan yang baik dalam kalangan warga UniMAP.
SDG 13 : Tindakan Iklim Mengambil tindakan segera untuk menangani perubahan iklim serta kesahlinya dengan mengawal pengeluaran gas rumah hijau dan menggalakkan pembangunan tenaga boleh diperbahuli.	Pernyataan UniMAP Lestari 2030 Melaksanakan program pengurusan sisa yang teratur di dalam universiti.

UniMAP's Waste Reduction and Recycling Initiatives

UniMAP promotes circular resource management and landfill diversion through targeted waste reduction, a Waste Tracking System, and initiatives guided by the Blueprint UniMAP Lestari 2030, supporting SDG 12.2.4.

LARANGAN PENGGUNAAN POLISTERIN DAN PENYEDUT MINUMAN (STRAW) PLASTIK

BERKUATKUASA 1 JANUARI 2019

JIKA DISABITKAN KESALAHAN DENDA AKAN DIKENAKAN SEBANYAK RM300
(Kelulusan Mesyuarat Lembaga Pengarah Universiti UniMAP Kali Ke-125 Bil 9/2018)

Alternatif yang boleh menggantikan penyedut minuman konvensional dari plastik, iaitu yang diperbuat daripada bahan-bahan biodegradasi.

CENTER OF SUSTAINABLE CAMPUS & ENERGY MANAGEMENT COSCEM

Prohibition of Polystyrene and Plastic Straws at UniMAP

Since 2019, UniMAP has prohibited polystyrene and plastic straws, promoting biodegradable alternatives and sustainable consumption to support SDG 12.2.5 and foster environmental awareness across campus.

UNIVERSITI MALAYSIA PERLIS

NAIB CANSOLOR Rujukan Kami : UNIMAP COSCEM/100-15/1/02/2024
Tarikh : 07 Oktober 2023

YBhg. Ketua-Ketua Jabatan
Universiti Malaysia Perlis

YBhg. Datuk/Dato/Prof/Dr/Tuan/Puan,

LARANGAN PENGGUNAAN POLISTERIN DAN PENYEDUT MINUMAN (STRAW) PLASTIK DI KAMPUS UNIMAP DAN PENGENAAN DENDA RM300 BERTA-MERTA KEPADA WARGA YANG INGKAR BERKUALA 1 JANUARI 2019

Dengan segala hormatnya perkara di atas adalah ditingkatkan.

Sukacita dimaklumkan Mesyuarat Lembaga Pengarah Universiti UniMAP Kali Ke-125 (Bil 9/2018) telah memutuskan bahawa penggunaan polisterin dan penyedut minuman (straw) plastik di dalam kampus UniMAP adalah dibenarkan sama sekali. Ini kerana, kedua-dua produk tersebut telah diklasifikasikan sebagai produk yang mempunyai kesan negatif pada alam sekitar.

2. Sejalan dengan itu, mana-mana warga yang ingkar akan larangan ini boleh dikenakan denda sebanyak RM300 serta merta oleh "Task Force" yang telah dibentuk oleh pihak Universiti.

3. Justeru, YBhg. Datuk/Dato/Prof/Dr/Tuan/Puan diminta membuat kebiasaan tersebut bagi memastikan UniMAP bebas dari penggunaan polisterin dan penyedut minuman plastik. Untuk makluman, terdapat alternatif yang boleh menggantikan penyedut minuman konvensional dan bekas makan/minuman dari polisterin, iaitu yang diperbuat daripada bahan-bahan biodegradasi.

4. Sebagaimana YBhg. Datuk/Dato/Prof/Dr/Tuan/Puan sedia maklum, hasrat Universiti ini juga sejajar dengan hasrat pihak Kerajaan yang telah menerbitkan pengumuman dua berangka larangan tersebut demi kesejahteraan alam.

Sebagai kesedaran dan perhatian, perkara berikut dibagikan kepada pihak-pihak yang berkenaan.

Awareness Campaign on the Prohibition of Polystyrene and Plastic Straws at UniMAP

On 23 January 2024, UniMAP's Centre for Energy Management and Sustainable Campus (COSCEM) conducted an awareness campaign to educate the university community about the ban on polystyrene and plastic drinking straws. Posters were displayed at He & She Coffee and Richiamo Coffee on the Pauh Putra Nature Campus, highlighting biodegradable alternatives. Aligned with Blueprint UniMAP Lestari 2030, this initiative promotes environmental awareness and sustainable consumption among students, staff, and visitors. It demonstrates UniMAP's commitment to SDG 12.2.7, fostering responsible behavior and environmental stewardship across the campus.

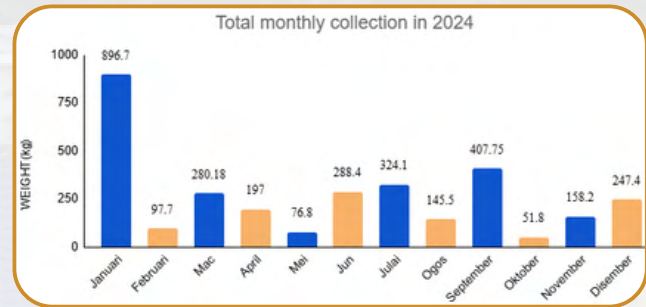
SDG 12: RESPONSIBLE CONSUMPTION AND PRODUCTION

Ensure sustainable consumption and production patterns

PROPORTION OF RECYCLED WASTE

UniMAP Waste Tracking System for Recycling

UniMAP has implemented a comprehensive Waste Tracking System to monitor and measure recycled waste across its campuses. The system accurately tracks recyclable materials, helping reduce landfill disposal and promoting efficient resource management. By recording and analyzing recycling activities, it supports data-driven decisions to enhance sustainability initiatives, optimize waste diversion, and encourage responsible practices among students, staff, and campus facilities. This initiative aligns with SDG 12.3.1, reflecting UniMAP's commitment to minimizing food and material waste while fostering a culture of environmental responsibility and sustainable campus operations.



PUBLICATION OF A SUSTAINABILITY REPORT

UniMAP's Sustainable Campus and Energy Management Initiatives

Through its Centre of Sustainable Campus and Energy Management (COSCEM), UniMAP advances environmental sustainability and responsible resource management. The COSCEM Annual Report 2024 highlights initiatives in energy efficiency, waste reduction, and sustainable infrastructure, demonstrating the university's commitment to minimizing its environmental footprint. Guided by the Blueprint UniMAP Lestari 2030, these programs provide a long-term framework for green mobility, energy conservation, and effective waste management. Together, they support SDG 12.4.1 by ensuring the sound management of chemicals and all wastes throughout their lifecycle, protecting the environment, public health, and fostering a culture of sustainability.





SDG 13: CLIMATE ACTION

Take urgent action to combat climate change and its impacts

LOW-CARBON ENERGY USE

Energy Tracking and Low-Carbon Initiatives at UniMAP

UniMAP tracks energy use across all campuses via utility bills. In 2024, energy consumption was entirely from fossil fuels. To reduce carbon emissions, the university's Low Carbon Blueprint outlines plans to integrate renewable energy, including solar PV systems, into campus electricity supply. These initiatives support UniMAP's transition to a low-carbon, sustainable campus while contributing to national and global climate goals.

ENVIRONMENTAL EDUCATION MEASURES

Climate Change Education and Awareness at UniMAP

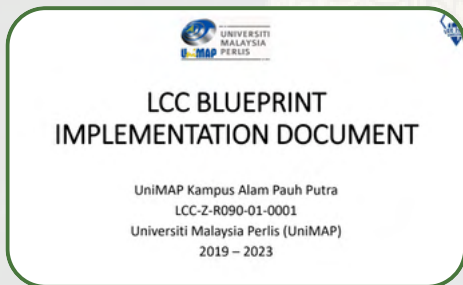
On 1 June 2024, Fakulti Kejuruteraan dan Teknologi Awam (FKTA) sent the Wizard Waste team, comprising Bachelor of Environmental Engineering students, to the Youth Edu Climate Programme at Sultan Idris Education University (UPSU). The team presented innovative projects on climate change mitigation, demonstrating practical solutions and highlighting UniMAP's commitment to climate education and awareness among youth.

Disaster Preparedness and Response at UniMAP

UniMAP prioritizes campus safety, especially during flood emergencies. The university operates a Disaster Operations Room to coordinate rapid responses and provide immediate assistance to affected individuals. This initiative demonstrates UniMAP's commitment to disaster preparedness, risk reduction, and community resilience against climate-related hazards.

Climate Change Awareness and Education at UniMAP

UniMAP conducted practical and educational initiatives to promote sustainability. On 9 December 2024, the UniTY TVET Program – Program Transformasi Masjid Rumah Ibadat Hijau engaged students in LED lighting replacement, Smart Wi-Fi switch installation, and water-efficient ablution taps at Al-Mursyid Guring Mosque. Additionally, the Sustainability Webinar Series 8/2024 on 20 November 2024 raised awareness on green procurement among staff and students. These activities highlight UniMAP's commitment to climate change education, capacity building, and sustainable practices across the campus and community.





SDG 13: CLIMATE ACTION

Take urgent action to combat climate change and its impacts

ENVIRONMENTAL EDUCATION MEASURES



Climate Action Awareness and Recognition at UniMAP

UniMAP engaged the campus community in World Cleanup Day 2024 and earned Diamond recognition in the Low Carbon City 2030 Challenge for reducing carbon emissions, demonstrating commitment to sustainability and national GHG reduction goals.



Promoting Sustainable Practices and Green Initiatives at UniMAP

UniMAP promoted sustainable practices through the Greening Program and an Urban Farming seminar, engaging students, staff, and community members in hands-on learning and environmentally friendly agriculture.

COMMITMENT TO CARBON NEUTRAL UNIVERSITY

Low Carbon City Initiatives at UniMAP

Since 2020, UniMAP has implemented programs under the Low Carbon City 2030 (LCC2030C) initiative, targeting reductions in Scope 1, 2, and 3 carbon emissions. These efforts reflect the university's commitment to sustainable campus operations and contribute to national and global climate goals by supporting Malaysia's greenhouse gas mitigation targets.



SDG 14: LIFE BELOW WATER

Conserve and sustainably use the oceans, seas and marine resources for sustainable development

SUPPORTING AQUATIC ECOSYSTEMS THROUGH EDUCATION

Sustainable Management and Protection of Marine and Coastal Ecosystems

The Young Water Scientist Camp (YWSC) 2024 at UniMAP promoted freshwater ecosystem conservation by engaging 70 students in hands-on, educational activities that fostered awareness, skills, and community stewardship.



SUPPORTING AQUATIC ECOSYSTEMS THROUGH ACTION



Minimize and Address the Impacts of Ocean Acidification, Including Through Enhanced Scientific Cooperation

The UNUSA-UniMAP ICS Program engaged 40 students in hands-on activities to promote early education, awareness, and responsible stewardship of freshwater ecosystems.



Maintain and Restore Ecosystems and Their Biodiversity

The Young Water Scientist Camp (YWSC) 2024 engaged participants in hands-on monitoring and bioindicator activities to enhance skills and awareness for maintaining and protecting freshwater ecosystems and biodiversity.



Implementing and Promoting Sustainable Practices to Prevent Damage to Aquatic Ecosystems

The research presentation at UniMAP promoted sustainable marine industry practices and technologies to prevent damage to aquatic ecosystems while fostering knowledge exchange and innovation.

WATER SENSITIVE WASTE DISPOSAL

Pengetahuan mengenai generasi yang mempunyai kesedaran dan tanggungjawab terhadap keselamatan alam sekitar demi manfaat global serta kesejahteraan dan kelangsungan generasi kini dan masa hadapan.

Bagi mencapai matlamat ini, UniMAP berikhtisar memfokuskan sasaran utama berikut dapat dilaksanakan sebagai yang berikut:

1. Menyediakan pendidikan dan persekitaran pembelajaran dengan memupuk kepentingan keselamatan untuk kesihatan, kesejahteraan, sosial dan tadbir urus demi kelangsungan pada masa hadapan.
2. Membudayakan gaya hidup sihat serta memupuk kesejahteraan sejagat dalam persekitaran yang kondusif.
3. Mengamalkan dan melaksanakan inisiatif hijau berdasarkan dasar-dasar Negara, peraturan-peraturan Universiti di peringkat dunia, 17 matlamat dalam Matlamat Pembangunan Mampan (SDGs) serta Blueprint UniMAP Lestari 2030.
4. Berusaha mengurangkan dan menambahkan pengurusan sisa buangan domestik termasuk sisa yang boleh dikitar semula termasuk sisa makanan serta sisa buangan terjadual secara menyeluruh dan berterusan dengan pihak-pihak berkaitan.
5. Memupuk kesedaran penggunaan tenaga elektrik, air dan sumber lain secara cekap dan lestari melalui kursus, latihan dan program kesedaran warga UniMAP.
6. Mengalakkan keseimbangan pembangunan dan kawasan hijau di dalam kampus bagi mewujudkan ekosistem yang lestari serta memperkukuhkan kerjasama dengan sektor kerajaan, industri dan komuniti dalam menjalankan aktiviti kemasyarakatan berkaitan pemeliharaan dan pemuliharaan alam sekitar.
7. Membangunkan, serta menguji semula strategi yang boleh membantu dalam usaha mengurangkan kepaparan karbon.

Nota:

Ensure Sustainable Use of Aquatic Resources

UniMAP promotes sustainable water use by integrating rainwater harvesting, lake water reuse, and efficient irrigation practices for campus landscapes, supporting freshwater conservation and ecosystem protection.

Reduce Marine Pollution of All Kinds, Including from Land-Based Activities

Since 2018, UniMAP has minimized plastic use and implemented green campus policies to reduce land-based pollution, supporting healthier marine and freshwater ecosystems.



SDG 14: LIFE BELOW WATER

Conserve and sustainably use the oceans, seas and marine resources for sustainable development

MAINTAINING A LOCAL ECOSYSTEM



Community and Student Engagement in Freshwater Conservation and Ecosystem Monitoring

The YWSC 2024 and Lubuk Machang groundwater monitoring project engage students and the community in freshwater conservation and ecosystem monitoring, promoting sustainable management and stewardship of aquatic resources.



Hands-On Environmental Education and Aquatic Ecosystem Monitoring

UniMAP promotes sustainable freshwater conservation by engaging students and the community in science-based activities such as water sampling, bioindicator identification, and ecosystem assessment to monitor and protect aquatic ecosystems.



Fostering Aquatic Stewardship through Education and Community Engagement

UniMAP promotes good aquatic stewardship by engaging students and local communities in hands-on activities such as water quality monitoring and ecosystem assessment through the YWSC 2024 and ICS programs.



Strengthening Water Security through Inter-Agency Collaboration

UniMAP enhances freshwater management and ecosystem protection by fostering inter-agency cooperation, knowledge sharing, and community engagement to promote sustainable water security.



Promoting Science-Based, Site-Specific Watershed Management

UniMAP fosters sustainable watershed management and aquatic ecosystem conservation by engaging participants in location-specific education, field activities, and hands-on learning to develop informed environmental leaders.





SDG 15: LIFE ON LAND

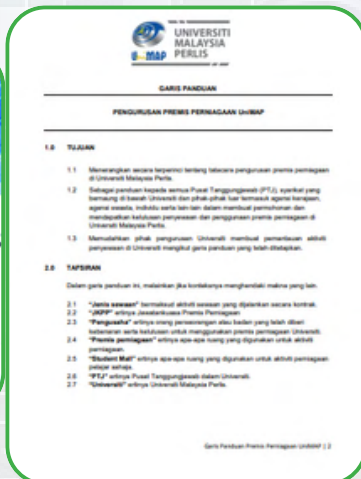
Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification and halt and reverse land degradation and halt biodiversity loss

SUPPORTING LAND ECOSYSTEMS THROUGH EDUCATION



Sg Chuchuh Campus Land Rehabilitation

UniMAP is developing 55 acres of previously unused wasteland at its Sg Chuchuh campus through sustainable crop cultivation. The project restores soil fertility, improves land drainage, and supports the growth of native flora and fauna. By combining economic returns with ecological restoration, the initiative promotes sustainable land management and biodiversity enhancement in line with SDG 15.2.1.



Campus Premises Management

UniMAP implements the Garis Panduan Pengurusan Premis Perniagaan to manage campus business premises with environmental stewardship standards. The guidelines ensure proper waste management, cleanliness, and compliance with sustainability regulations. By enforcing these protocols, the university helps reduce habitat degradation and maintain campus ecosystems, supporting biodiversity and natural habitat preservation in line with SDG 15.2.2.



SULAM Greening Programme

UniMAP students organized the Innovation Project for Decorative Flower Pot Rack Implementation at Masjid Darul Ulum, Kangar, engaging both students and community members. The hands-on programme promoted greening efforts by constructing flower pot racks and planting ornamental and native flora. This initiative enhances local biodiversity, supports small-scale ecosystem restoration, and fosters community participation in environmental conservation, in line with SDG 15.2.3.



SDG 15: LIFE ON LAND

Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification and halt and reverse land degradation and halt biodiversity loss

SUPPORTING LAND ECOSYSTEMS THROUGH EDUCATION



Team Building 1.0

Thirty FKTA students participated in Team Building 1.0 (2024) at the Wang Pinang Wildlife Education Centre, Perlis, featuring a forest trek, obstacle course, and Gua Kelawar exploration. The programme highlighted ecosystem preservation and the interdependence of wildlife, habitats, and humans. Organized in collaboration with the Perlis Wildlife Department, it provided experiential learning on biodiversity and ecosystem management. The initiative strengthened environmental awareness among students and the wider community, supporting SDG 15.2.4.

Gotong-Royong Perdana

On 3 December 2024, FKTA participated in Gotong-Royong Perdana in Padang Besar, Perlis, conducting activities such as painting road kerbs, cleaning drains, and collecting waste. The programme highlighted the importance of environmental stewardship and biodiversity considerations in community and infrastructure maintenance. By promoting cleaner waterways, greener roadside corridors, and healthier communal spaces, the initiative supported native flora and fauna. This effort aligns with SDG 15.3.3 by contributing to sustainable land management and ecosystem preservation.



UniMAP Agronexus Programme

UniMAP Agronexus promotes the sustainable development of previously unused or degraded land through agricultural activities. The programme rehabilitates wasteland ecosystems and ensures long-term productive land use using sustainable farming practices. Implemented in collaboration with local farmers, government agencies, and the agricultural industry, it fosters knowledge exchange and responsible land stewardship. This initiative supports ecosystem restoration and sustainable land management, in line with SDG 15.3.5.





SDG 15: LIFE ON LAND

Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification and halt and reverse land degradation and halt biodiversity loss

LAND SENSITIVE WASTE DISPOSAL

Implementation of Occupational Safety, Health, and Environmental Management for Waste Control



Universiti Malaysia Perlis (UniMAP) enforces an Occupational Safety and Health (OSH) Policy that incorporates relevant national acts and regulations, including provisions for the proper management of scheduled waste. The policy ensures that all hazardous and scheduled wastes are identified, stored, handled, and disposed of in accordance with the Environmental Quality (Scheduled Wastes) Regulations 2005 under the Environmental Quality Act 1974.

Through the implementation of its Safety, Health, and Environmental Management System (SHEMS), UniMAP actively promotes safe waste handling practices, pollution prevention, and environmental conservation across its campuses. This commitment to compliance and sustainability supports ecosystem protection and responsible resource management in alignment with SDG 15.4.3.



Water Quality Management and Environmental Protection at UniMAP Main Campus

At the UniMAP main campus, water discharge quality is strictly monitored and regulated in accordance with the Environmental Quality Act 1974 – Environmental Quality (Sewage) Regulations 2009. All wastewater undergoes treatment at the campus Sewage Treatment Plant (STP) prior to release into surrounding waterways.

This process ensures that discharged water meets national environmental standards and minimizes adverse impacts on local ecosystems, wildlife, and human health. Through continuous monitoring and adherence to regulatory requirements, UniMAP demonstrates its commitment to maintaining environmental integrity and supporting ecosystem sustainability in alignment with SDG 15.4.1.



SDG 16: PEACE, JUSTICE AND STRONG INSTITUTIONS

Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels

RESEARCH IMPACT

UniMAP has produced 69 articles related to
SDG 16 from 2017 - 2024

UNIVERSITY GOVERNANCE MEASURES

Student Representative Council, They serve as a medium of communication between students and the administration of university management to work on areas of improvement such as academics, campus life, facilities and student services.

Majlis Perwakilan Pelajar

57. (1) Pelajar berdaftar Universiti, selain pelajar luar, hendaklah pada kesemuanya menjadi suatu badan yang dinamai Kesatuan Pelajar-Pelajar Universiti kemudian daripada ini dalam Perlembagaan ini disebut "Kesatuan").

(2) Lembaga boleh membuat Peraturan-Peraturan bagi penjalanan pemilihan Majlis Perwakilan Pelajar dan bagi segala perkara yang berhubungan dengannya.

(3) Kesatuan hendaklah memilih suatu Majlis Perwakilan Pelajar-Pelajar kemudian daripada ini dalam Perlembagaan ini disebut "MPP") mengikut cara yang berikut:

a) pelajar berdaftar setiap Kampus Cawangan, Fakulti, Sekolah, Pusat, Akademi dan Institut hendaklah memilih melalui undi rahsia yang dijalankan oleh ketua Kampus Cawangan atau Dekan Fakulti atau ketua Sekolah, Pusat, Akademi atau

bersama-sama, dsb., dengan man
an kelulusan Menteri, menjalankan
esama atau dengan bersama-sama
a universiti atau institusi pelajaran
atau di luar Malaysia.

Conduct of study, etc., in collaboration, etc., with any university Stakeholders' engagement involves giving University the opportunity to share concerns, knowledge and to develop mutually acceptable outcomes. The University is committed to developing effective working relationships with all stakeholders by making every reasonable effort to work together to resolve issues that occur while carrying out the University's mandate including but not limited to improving service delivery.

The UniMAP Board of Directors includes three members from the private sector to strengthen the university's governance structure and ensure effective oversight of its core academic mission. The inclusion of independent members enables objective challenge and scrutiny, drawing on their diverse expertise and experience from various industries to support the university's development. Furthermore, the composition of the UniMAP Board of Directors reflects the diversity of the university community, including representation from staff and students. This inclusive and transparent governance approach upholds the principles of accountability, participation, and strong institutions, in line with Sustainable Development Goal 16

Lembaga Pengarah

17. (1) Lembaga Pengarah hendaklah terdiri daripada—

(a) Pengerusi;

(b) Naib Canselor;

(c) dua orang pegawai daripada perkhidmatan awam;

(d) seorang yang mewakili masyarakat di tempat terletakinya Universiti itu;

(e) seorang profesor Universiti yang dipilih oleh Senat daripada kalangan ahli yang disebut dalam perenggan 22(1)(d); dan

(f) lima orang yang terdiri daripada tiga orang daripada sektor swasta, seorang daripada alumni Universiti dan seorang lagi dari dalam atau luar Universiti yang pada pendapat Menteri, mempunyai pengetahuan dan pengalaman yang boleh membantu Lembaga.



SDG 16: PEACE, JUSTICE AND STRONG INSTITUTIONS

Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels

UNIVERSITY GOVERNANCE MEASURES



The Pelan Antirasuah Universiti Malaysia Perlis (UniMAP) 2024–2028 aligns with Sustainable Development Goal 16 (Peace, Justice and Strong Institutions) by fostering integrity, transparency, and accountability within the university. This anti-corruption policy is vital for maintaining UniMAP's ethical standards and reputation, providing clear guidance to prevent and address bribery and corruption. It safeguards against legal, financial, and reputational risks for both the university and its stakeholders, ensures fairness in areas such as research, procurement, and admissions, and protects whistleblowers. Through these measures, UniMAP strengthens institutional integrity and promotes a culture of justice and good governance



UniMAP adopts The Orange Book issued by the Ministry of Higher Education Malaysia as a reference and guiding framework to strengthen academic career pathways and leadership development. In line with this, UniMAP has developed the Guideline for Promotion through Fast Track and Track for academic staff. These initiatives promote transparency, fairness, and merit-based advancement within the institution, reinforcing good governance and accountability practices consistent with Sustainable Development Goal 16



UniMAP upholds the principle of academic freedom by granting senior academics full autonomy to select research topics, methodologies, and collaborations in accordance with institutional regulations and ethical standards. Academics are free to publish their findings and apply for both internal and external research grants. They are also represented on research committees to ensure that institutional policies continue to safeguard academic freedom and integrity. These practices reflect UniMAP's commitment to transparency, accountability, and strong institutional governance, supporting Sustainable Development Goal 16



SDG 16: PEACE, JUSTICE AND STRONG INSTITUTIONS

Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels

WORKING WITH GOVERNMENT



The Legal Advisor & Integrity Office organized an information-sharing and a question-and-answer session regarding the implementation of the procurement contract managed by Jabatan Pembangunan. The Legal Advisor explained the important elements of the contract.



Majlis Peluncuran Buku Pelan Antirasuah Universiti Malaysia Perlis (UniMAP) 2024-2028 and Lafaz Ikrar Bebas Rasuah (IBR) were successfully held at the Auditorium Canselori Tuanku Syed Sirajuddin, Kampus Alam UniMAP, Pauh Putra.



Benchmarking Visit to the Legal Office of the International Islamic University Malaysia (IIUM) and a Strategic Plan Workshop for the Office of Legal Advisor and Integrity (Office of PUU) have taken place.



The Legal Aid Day program organized by the Legal Advisor and Integrity Office of UniMAP in collaboration with the Legal Aid Department and Family Support Division of the Perlis State Syariah Judiciary Department has taken place.



Coordination Workshop on the Proposed Effective Date of Amendment Act A1713 and Public University Gazette Documents



Aktiviti pelajar atau persatuan, pertubuhan, badan atau kumpulan pelajar

15. (1) Bertakluk kepada subseksyen (2), seseorang pelajar Universiti boleh menjadi ahli mana-mana persatuan, pertubuhan, badan atau kumpulan orang, sama ada di dalam atau di luar Malaysia, termasuk mana-mana parti politik.

(2) Seseorang pelajar Universiti tidak boleh—

- menjadi ahli mana-mana persatuan, pertubuhan, badan atau kumpulan orang yang menyalahi undang-undang, sama ada di dalam atau di luar Malaysia; atau
- menjadi ahli mana-mana persatuan, pertubuhan, badan atau kumpulan orang, yang bukannya suatu parti politik, yang

Students of the University are free to become members of any society, organization, body, or group, whether within or outside Malaysia, including political parties. This freedom of association reflects UniMAP's commitment to fostering an open, inclusive, and participatory environment that respects individual rights and encourages active citizenship—key principles underpinning Sustainable Development Goal 16

PROPORTION OF GRADUATES IN LAW AND CIVIL ENFORCEMENT

- Number of Graduates - **4384**
- Number of graduates from law and enforcement related courses - **4384**

UniMAP actively undertakes policy-focused research in collaboration with government departments, with projects funded and intended for policy development by the Ministry of Higher Education, Malaysia.



SDG 17: PARTNERSHIPS FOR THE GOALS

Strengthen the means of implementation and revitalize the Global partnership for sustainable development

Relationships to support the goals



Program TVET Unity: Mosque Transformation into a Green House of Worship
Date: 9 November 2024 (Monday)
Venue: Masjid Al-Mursyid, Guring

UniMAP's Program TVET Unity was a collaborative initiative between COSCEM and FKTE, involving EMT20105 students to apply energy efficiency and sustainability in the community. Key activities included LED light replacement, Smart WiFi switch installation, and water-efficient ablution taps. The program demonstrates UniMAP's commitment to community partnerships and sustainable development (SDG 17).



Cross-Sectoral SDG Dialogues through International Conferences

In 2024, Universiti Malaysia Perlis (UniMAP) fostered cross-sectoral dialogue on the SDGs by hosting and co-organizing international conferences, including CENVIRON 2024, ICoBiomasse 2024, ELECRIS 2024, and ICONGEET 2024. These events brought together government, NGOs, industry, and academia to share knowledge and solutions on SDGs such as 6, 7, 9, 11, and 13, strengthening partnerships and capacity for sustainable development, in line with SDG 17.2.2.



International Collaboration on SDG Data, Research, and Community Engagement

In 2024, Universiti Malaysia Perlis (UniMAP) strengthened international partnerships to support the SDGs through research, data collection, and community engagement. Key initiatives included experiments on eco-friendly materials at Thailand Synchrotron National Lab (SDG 9 & 12), the RUTS-UNIMAP Collaboration and Smart Farm Camps (SDG 2, 7 & 13), and the UNUSA-UNIMAP community service program at Sekolah Kebangsaan Guar Jentik (SDG 3, 6 & 11). These efforts demonstrate UniMAP's commitment to data-driven sustainable development and international collaboration, aligning with SDG 17.2.3.



International Collaboration for SDG Best Practices: SEA Workshop 2024

Universiti Malaysia Perlis (UniMAP), through CoEBU, participated in the SEA Workshop on Environmentally Green Technology at National Tsing Hua University, Taiwan (29 Oct–9 Nov 2024). The workshop brought together international experts to share knowledge on renewable energy, CO₂ capture, waste-to-value, and green technologies, enabling research collaboration, academic networking, and capacity building while promoting best practices in sustainable development through global partnerships.



University-NGO Collaboration to Support SDG Implementation (2024)

During 2024, Universiti Malaysia Perlis (UniMAP) partnered with NGOs to advance SDG initiatives under SDG 17.2.5. Key programs included Projek Ruang Edukasi (Fasa 3) with Indera Youth, mobilizing student volunteers for community education in October, and the "Anak Kita" research programme with Yayasan Hasanah, involving over 100 schools in Kedah to promote evidence-based educational research. These initiatives demonstrate UniMAP's commitment to leveraging academic expertise and student engagement to support sustainable development at community and national levels.





SDG 17: PARTNERSHIPS FOR THE GOALS

Strengthen the means of implementation and revitalize the Global partnership for sustainable development

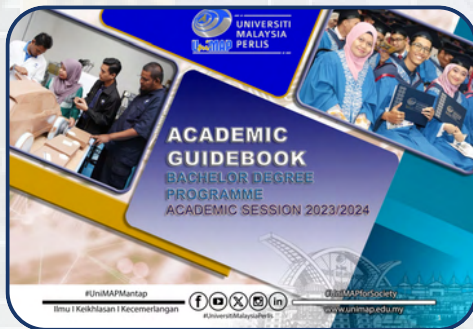
Education for the SDGs

UNIVERSITI MALAYSIA PERLIS (UniMAP)				
Pusat Pengurusan Strategi dan Kualiti (SQM)				
Aras 3, Bangunan Canselor				
Kampus Alam UniMAP Pauh Putra				
02600 Arau				
Perlis				
https://www.unimap.edu.my/index.php/en/				
BEM/ETAD/02-41				
No.	Programme	Entry Qualification	Type	Accredited (Graduate Year)
1	Bachelor of Chemical Engineering Technology (Food Technology)	SPM	4 year	2020 - 2025
2	Bachelor of Chemical Engineering Technology (Industrial Biotechnology) with Honours	SPM	4 year	2021 - 2026
3	Bachelor of Chemical Engineering Technology (Industrial Chemical Process) with Honours	SPM	4 year	2022 - 2027
4	Bachelor of Civil Engineering Technology (Environmental) with Honours	SPM	4 year	2022 - 2027
5	Bachelor of Electrical Engineering Technology (Industrial Power) with Honours	SPM	4 year	2022 - 2027
6	Bachelor of Electrical Engineering Technology (Robotics and Automation Technology) with Honours	SPM	4 year	2022 - 2027
7	Bachelor of Electronic Engineering Technology (Electronic Network Design) with Honours	SPM	4 year	2022 - 2027
8	Bachelor of Electronic Engineering Technology (Electronic System) with Honours	SPM	4 year	2022 - 2027
9	Bachelor of Electronic Engineering Technology (Electronic Telecommunication Design) with Honours	SPM	4 year	2022 - 2027
10	Bachelor of Mechanical Engineering Technology (Agricultural System) with Honours	SPM	4 year	2022 - 2027
11	Bachelor of Mechanical Engineering Technology (Machining) with Honours	SPM	4 year	2022 - 2027
12	Bachelor of Mechanical Engineering Technology (Materials Processing) with Honours	SPM	4 year	2023 - 2028
13	Bachelor of Mechanical Engineering Technology (Product Design) with Honours	SPM	4 year	2022 - 2027

UNIVERSITI MALAYSIA PERLIS (UniMAP)				
Pusat Pengurusan Strategi dan Kualiti (SQM)				
Aras 3, Bangunan Canselor				
Kampus Alam UniMAP Pauh Putra				
02600 Arau				
Perlis				
https://www.unimap.edu.my/index.php/en/				
BEM/ETAD/02-41				
No.	Programme	Entry Qualification	Type	Accredited (Graduate Year)
1	Diploma in Computer Engineering	SPM	3 year	2024 - 2029
2	Diploma in Electronic Engineering	SPM	3 year	2024 - 2029
3	Diploma in Electrical Engineering	SPM	3 year	2024 - 2029
4	Diploma in Mechatronics Engineering	SPM	3 year	2024 - 2029
5	Diploma in Manufacturing Engineering	SPM	3 year	2024 - 2029

Integration of SDGs into Academic Programmes

Universiti Malaysia Perlis (UniMAP) embeds sustainability and SDG principles across all academic programmes through Programme Outcomes (POs), such as Engineering P07 on environmental and societal impacts and New Media Communication P03 on social and environmental responsibility. All engineering, engineering technology, and diploma programmes are accredited by EAC and ETAC, ensuring graduates are equipped with the knowledge and competencies to address professional and environmental responsibilities.



Sustainability Education Across Academic Programmes

Universiti Malaysia Perlis (UniMAP) embeds sustainability education across its programmes and courses to equip students with knowledge and skills aligned with the Sustainable Development Goals (SDGs). The Bachelor of Environmental Engineering with Honours emphasizes environmental protection, sustainable resource management, and pollution control, supported by courses such as Environmental Law, Sustainable Energy, and Environmental Impact Assessments. Across disciplines, more than 80 undergraduate courses incorporate sustainability elements—covering engineering, technology, environment, agriculture, and economics—demonstrating UniMAP's strong commitment to integrating sustainability principles throughout its curriculum.



Education and Outreach for Partnerships

Universiti Malaysia Perlis (UniMAP) promotes education and outreach initiatives that strengthen partnerships with alumni, local communities, and national stakeholders to advance the Sustainable Development Goals (SDGs). Key activities include participation in the National Water and Women Camp 2023 (KAWK 2023), supporting SDG 5 and SDG 6, and representation at the Malaysia SDG Summit 2023 – Northern Region, collaborating with government and industry to localize SDG implementation. Additional alumni-led initiatives such as Santai @ Tasik Alumni, Tabung Wakaf Launch, and SULAM@UniMAP further demonstrate UniMAP's commitment to inclusive partnerships, knowledge exchange, and community empowerment in achieving the SDGs.

SUMMARY

The Sustainable Development Goals Report 2024 provides an overview by Universiti Malaysia Perlis (UniMAP) on the progress of implementing the 2030 Agenda for Sustainable Development, using the latest available data and statistical analysis. The report tracks global and regional progress towards the 17 Goals, offering in-depth analyses of selected indicators for each goal.

According to the report, the programmes and activities carried out at UniMAP are aligned with the United Nations' Sustainable Development Goals (SDGs). The report presented here is a compilation of activities conducted by all departments within UniMAP – not only the academic faculties, but also the administrative departments such as the Registrar's Office, Development Office, Bursary, Library, Student Centre, Research Clusters, and Safety Office. The material presented demonstrates UniMAP's contribution towards advancing sustainability.

As an institution of higher learning, UniMAP plays an important role in nurturing a sustainability mindset. This can be achieved through education, research, and community engagement. Many of the Sustainable Development Goals (SDGs) are addressed through educational initiatives – including formal education such as lectures conducted by subject matter experts, the provision of solutions through research and innovation, as well as community-based activities.

The report also highlights programmes related to climate change that create spillover effects on food and nutrition, health, education, the environment, peace, and security – all of which are interconnected with the SDGs. Furthermore, the report details the reversal of years of progress in eradicating poverty and hunger, improving health and education, and providing basic services, among other areas. It also identifies initiatives that have delivered meaningful progress for students, staff, and the wider community.

Overall, UniMAP has made significant contributions towards the United Nations' Sustainable Development Goals (SDGs). However, sustainability is a continuous process – one that involves constantly improving the way we operate for the betterment of people, the planet, and prosperity. We understand that the actions we take at the university are not for our benefit alone; they may, and indeed will, reverberate throughout society, inspiring its members to embrace the vision of a better future for ourselves and for generations to come, and to take meaningful actions that reflect this understanding.