



UNIVERSITI
TEKNOLOGI
MARA

Fakulti
Kejuruteraan Awam

ANNUAL REPORT 2025

FACULTY OF CIVIL ENGINEERING
UNIVERSITI TEKNOLOGI MARA





2 ZERO HUNGER



RM4.5K

funds were allocated for students benefited from food aid and welfare programmes to ensure they could focus on learning, not hunger

ZERO HUNGER: WHY IT MATTERS

WHAT'S THE GOAL HERE?

To ensure students have access to sufficient, safe, and nutritious food to support their health, learning, and overall wellbeing.

The Faculty of Civil Engineering also promotes sustainable food practices and awareness through campus support programmes, student initiatives, and community engagement activities.

TEACHING & LEARNING

Goal: To ensure students are physically and mentally ready to learn by supporting food security awareness, nutrition wellbeing, and sustainable food practices through teaching and academic activities.

Key contributions

- Integrate sustainability and food security awareness into relevant coursework and project-based learning.

- Encourage student projects linked to urban farming, and sustainable resource use for eg. in course Environmental Engineering and Sustainability (ECW445).
- Promote awareness on nutrition and wellbeing to support student learning readiness.
- Support experiential learning through sustainability-related campus initiatives (e.g., living labs, green projects).
- Embed SDG values into the syllabus which all course need identified at least two SDGs in each course to be applied in teaching activities.

RESEARCH & PUBLICATION

Goal: To generate knowledge and practical solutions that support food security, sustainable resource use, and resilient communities through engineering research and innovation.

Key contributions

- Conduct research on sustainable systems such as water efficiency, urban agriculture, and resource management.
- Collaborate with industry and community partners on projects that enhance local sustainability and food-related resilience.

- Eg. grant: Pembangunan Kelestarian Pertanian Pintar Melalui Penanaman Rock Melon Menggunakan Sistem Hidroponik Aliran Dalam Negara Tenaga Boleh Diperbaharui Solar Dan lot Di Felcra Permatang Pasir lead by Assoc Prof Dr Sakhiah Abdul Kudus.

OPERATION

Goal: To support student food security and wellbeing through structured assistance, welfare programmes, and sustainable campus support initiatives.

Key contributions

- Support basic needs initiatives to ensure students can focus on their studies without food insecurity.



COMMUNITY OUTREACH

Goal: To support food security and promote sustainable food practices within surrounding communities

Key contributions

- Conduct community programmes related to sustainable living, urban farming, and resource efficiency (eg; Vertical Gardening using Recycle Plastic Waste)
- Share practical knowledge on low-cost and sustainable food production methods (eg: Program From Waste to Wealth through and Engineering Approach).



STUDENT INITIATIVES

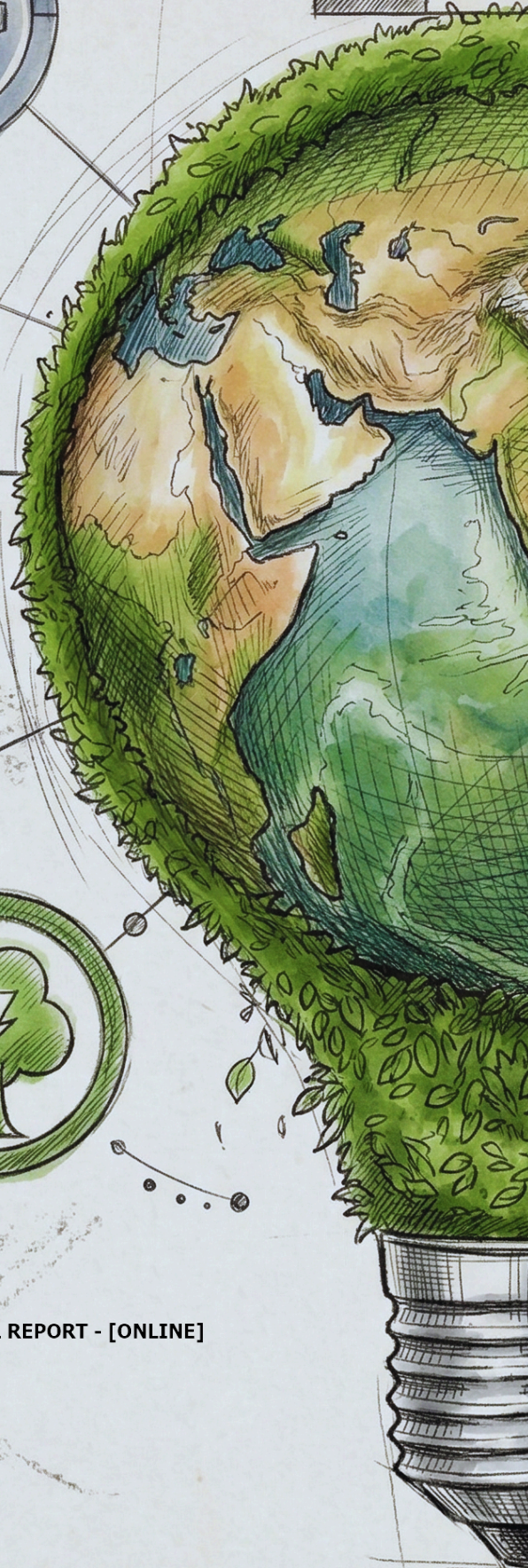
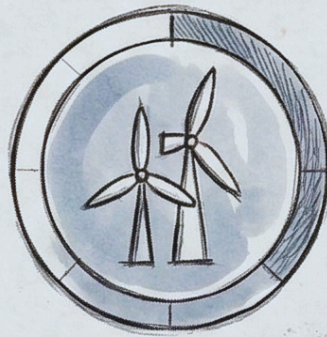
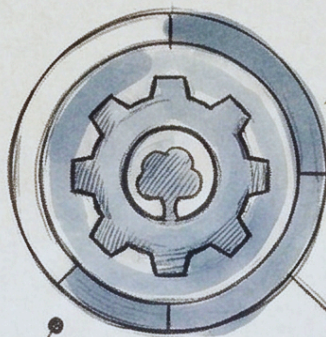
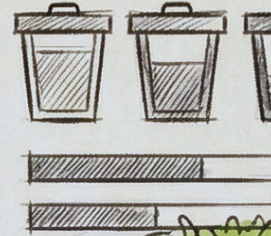
Goal: To encourage student-led efforts in supporting food security, peer welfare, and sustainable food awareness.

Key contributions

- Organise food bank programmes for students in need.
- Conduct fundraising activities to support food-related assistance programmes.



SUSTAINABLE DEVELOPMENT GOALS



JUDUL : SUSTAINABLE DEVELOPMENT GOALS ANNUAL REPORT - [ONLINE]

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