



SDG STEERING COMMITTEE REPORT 2024

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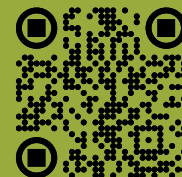




Table of Contents

About Us

Framework of the QIU SDG Steering Committee

Contributions Towards the Sustainable Development Goals

Pictures

1

1

3

10

ABOUT US

The QIU SDG Steering Committee continues to play a pivotal role in furthering the 2030 Agenda of the United Nations on the Sustainable Development Goals (SDGs). This committee with members from diverse backgrounds oversees the planning and implementation of various policies and initiatives within the University and the local community with the primary objective to raise awareness of the SDGs. This will in return improve the effectiveness and impact of the initiatives carried out.

FRAMEWORK OF THE QIU SDG STEERING COMMITTEE

The Framework of the QIU SDG Steering Committee is as below:

Vision

Fostering sustainable development values, principles and practices in society

Mission

- To integrate sustainability in educational processes.
- To implement strategies to drive impactful and sustainable change.
- To collaborate with all segments of society to achieve the Sustainable Development Goals.

Core Values

- Respect
- Integrity
- Inclusiveness
- Empathy

Motto

QUEST for Sustainability



Under this committee, four clusters have been established, each focusing on different areas of concern within the university to plan and implement initiatives aligned with the Sustainable Development Goals. These clusters are led by members of the QIU SDG Steering Committee, though cluster participants are not required to be committee members. This approach is intended to broaden staff involvement across diverse backgrounds. Student participation is also encouraged within these clusters.

The **four clusters and their objectives** are:

1 EDUCATION	To provide students and the local community with the knowledge, skills, and motivation to understand and address the challenges of the SDGs and to empower and mobilise them for action.
2 RESEARCH	To research the causes behind SDG-related issues and craft solutions.
3 OPERATIONS	To align all University Policies, procedures, and activities with the SDGs.
4 LEADERSHIP	To create awareness and seek opportunities to engage at the city, state, national, and international level as an advocate for sustainable development.

A Diversity, and Equality sub-committee was established to provide guidance on and implement policies, programs, and training focused on diversity, equity, inclusion, and human rights on campus. This six-member committee includes the Director of the Student Life Division, Deputy COO, Director of the Human Resource Division, Bursar, Dean of the Faculty of Social Sciences, and the Deputy Registrar. The committee collaborates with various departments, leadership, and staff to foster an inclusive and diverse environment where everyone has the opportunity to thrive.

INTRODUCTION

The QIU SDG Secretariat is pleased to share the 2024 Sustainable Development Goals (SDG) Steering Committee Report for Quest International University. This document presents a unified overview of impactful initiatives across the Education, Research, Operations and Leadership Clusters. It is a quad-cluster synthesis of SDG-aligned initiatives across these domains. Activities spanned environmental stewardship, civic engagement, leadership capacity-building, financial literacy, and a strong research portfolio addressing pressing local and global challenges. Emphasis was placed on SDG 3 (Good Health), SDG 4 (Quality Education), SDG 8 (Decent Work), SDG 9 (Industry & Innovation), SDG 13 (Climate Action), and SDG 17 (Partnerships), affirming QIU's mission to contribute meaningfully to national development and global priorities.

KEY HIGHLIGHTS

Environmental Citizenship

Over 340 trees were planted and a major clean-up initiative was implemented under the Education Cluster. This fostered civic responsibility and ecosystem restoration (SDGs 13, 14, 15).



Leadership Development

Twelve emerging leaders were trained which will culminate in real-world projects in 2025 (SDG 4).



Financial Literacy & Community Engagement

Targeted outreach and collaborations (e.g., with MFPC) empowered youth and underserved communities to navigate economic realities (SDGs 1, 4, 8).

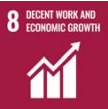


Research Impact

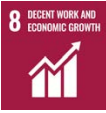
With over 90 research projects aligned to 9 major SDGs, QIU's academic community demonstrated innovation in health sciences, education, AI, biotechnology, and environmental sustainability.

EDUCATION CLUSTER HIGHLIGHTS

Initiative	Champion	SDG	Remarks
Tree Planting & Clean-Up Campaign	Ms Juliana Jelani	      	340 trees planted, 26 bags of waste collected, recreational space upgraded
Webinar: Tackling Plastic Pollution	Dr Komala Thirumalai	  	130+ participants, CAP & SAM speaker, global treaty awareness raised
Pet Adoption & Welfare Drive	Ms Adeline Ong	   	Advocacy on responsible pet ownership, strengthened civic values
Menstrual Health Awareness Workshop	Dr Bhupinder Kaur Prof. Dr Darryl Ong Khang Wei		Thirteen Batch 20 MBBS students from the Faculty of Medicine (FoM) attended an event focused on menstrual health, organised by local women's welfare advocates Perak Women for Women (PWW) Society in collaboration with All Women's Action Society (AWAM). This Training of Trainers session was held in conjunction with AWAM's Haid Jangan Hide (HJH) Campaign.

Initiative	Champion	SDG	Remarks
Financial Literacy Workshop	Assoc. Prof. Dr Tanaraj Krishna	  	Financial Literacy Workshop for B40 Community was organised in collaboration with Jabatan Pembangunan Wanita (JPW) Perak. The workshop was organised at QIU on 14 December, 2024. There were 13 female and 2 male participants at this workshop. The impact of this workshop on the participants includes empowering vulnerable communities with essential money management skills, reducing financial vulnerability, and supporting socio-economic upliftment.

LEADERSHIP CLUSTER HIGHLIGHTS

Initiative	Champion	SDG	Remarks
The Sustainables Leadership Modules	Assoc. Prof. Dr Paulin Wong	 	12 leaders trained in emceeing, PR, proposals: 2025 projects in pipeline
FBM-Ray of Hope Family Day	Faculty of Business and Management	  	Positive feedback from underserved families, nurturing community connections
Financial Literacy Workshop	Faculty of Business and Management / Faculty of Social Sciences	  	Strong pre-post gains in budgeting & savings understanding
My Money & Me: MFPC Collaboration	Faculty of Business and Management	  	Wealth-building strategies disseminated to Accountancy & Finance students

RESEARCH CLUSTER HIGHLIGHTS

A total of 90+ research projects were undertaken in 2024 under faculty-led and postgraduate initiatives. Below is a thematic mapping by SDG of some key research.

SDG	Title	Researcher
 SDG 3 Good Health & Well-Being	Wound Healing & Herbal Medicine - Passiflora-based wound healing	Prof. Dr Ashok Gnanasekaran
	Anti-arthritic studies of Hanguana Malayana	Dr Komala Thirumalai
	Neurodevelopment & Autism: Valproic acid-induced autism models	Dr Nurul DayanA
	Mitochondrial dysfunction and leptin signaling in ASD Pharmaceutical Safety & Delivery - Mycotoxin screening via HPLC	Dr Ng Kwok Wen
	Transdermal and phytosomal gel innovations	Assoc. Prof. Dr Hema Ramachandran Prof. Dr Mahibub
 SDG 4 Quality Education	AI-Enhanced Learning Tools: Exam question clustering via Bloom's Taxonomy	Assoc. Prof. Ts. Dr Anbuselvan
	Support Vector Machine research for text classification	Dr Thineswaran Gunasegaran
	Tamil school leadership via Mahabharata insights	Dr Thineswaran Gunasegaran
	Financial literacy among academics	Ms Rajespari

SDG	Title	Researcher
 SDG 8 Decent Work & Economic Growth	Gen Z entrepreneurship and digital strategies	Prof. Dr Loke Siew Phaik
	Equity incentive plans for education enterprises	Prof. Dr Jeffrey Yee
	Ride-hailing training for career sustainability	Prof. Dr Loke Siew Phaik
 SDG 9 Industry, Innovation & Infrastructure	AI for malware detection	Dr Hanizan Shaker Hussain
	Predictive analytics for high-voltage motors	Dr Nurul Rawaida Ain
	Medical steganography and image security	Dr Hanizan Shaker Hussain
	Smart warehouse systems and portfolio optimization	Prof. Dr Lee Chee Leong
 SDG 12 Responsible Consumption and Production	Biocomposites for diabetic wound care	Assoc. Prof. Dr Hema Ramachandran
	Papaya genetic resilience under stress	Assoc. Prof. Ts. Dr Kamariah
	Vetiver grass for soil detoxification	Dr Lee Sin Li
 SDG 15 Life on Land		

OPERATIONS CLUSTER HIGHLIGHTS

SDG	Title	Remarks
 SDG 3 Good Health & Well-being	Policy Rollout	Equal Opportunity Statement & DEI Policy fair hiring and inclusive workplace culture Anti-Harassment Policy Pending final signatory
 SDG 5 Gender Equality	Healthy Campus Initiative	Record disposal: 3,070kg shredded securely
 SDG 10 Reduced Inequalities		Food Waste Management: 607.2kg of food waste tracked in Sept 2024 Implementing MAEKO composting with campus-wide ecosystem <i>Mental Health Training</i> planned across Q2–Q4 <i>Insurance Coverage Expansion</i> for staff over 65
 SDG 12 Responsible Consumption and Production		
 SDG 13 Climate Action	2025 Sustainability Initiatives	<i>Green Event Policy</i> drafted: zero waste, no plastic, paperless Proposed circular economy model spanning dining outlets & agriculture-farm

Besides all these activities, QIU staff were also involved in blood donation campaigns. The campaigns were conducted in collaboration with Blood Transfusion Department, HRPB, AEON Kinta City and AEON Big Falim. In the 18 campaigns conducted, a total of 420 bags of blood was collected.

QIU staff were also involved in providing meals for the homeless and poor. A total of 1,820 hot meals were served as part of the Soup Kitchen Initiative.

PICTURES

SDG OPERATIONS CLUSTER

Record Disposal Exercise 2024



FOOD WASTE COMMITTEE VISIT TO WEIL HOTEL
To understand Food Waste Management

SDG EDUCATION CLUSTER

Tree Planting



SDG Online Webinar: Tackling Plastic Pollution

QIU QUEST INTERNATIONAL UNIVERSITY (DU021(A))

TACKLING PLASTIC Pollution

20 NOVEMBER 2024
WEDNESDAY

4 PM — 6 PM

2 CCA Points
CPD Hours

Speaker
MAGESWARI SANGARALINGAM
Chief Executive, Consumers Association of Penang
Honorary Secretary, Sahabat Alam Malaysia

Moderator
ANUSHYA S SIVAJI RAJA
QIU Medical Student

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Organised by the
QIU SDG Steering Committee

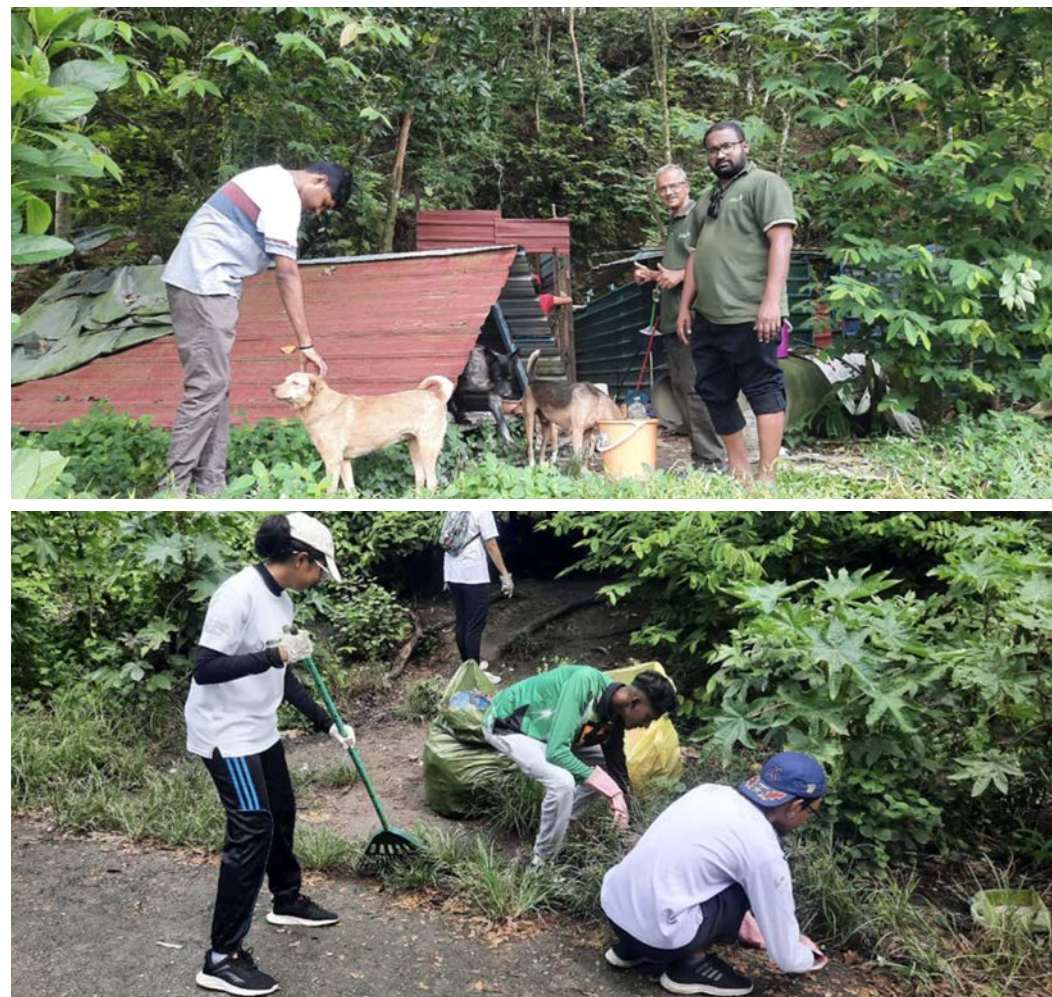
Google Meet



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Pawsitive Partnership



SDG LEADERSHIP CLUSTER

FBM-ROH Family Day



Financial Literacy by Mr Sek

For undergraduate students



Money & Me by Malaysian Financial Planning Council (MFPC)





QIU

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