



UTM
UNIVERSITI TEKNOLOGI MALAYSIA



enVision
UTM
2025

Penarafan
Universiti

Reputasi
Akademik

Jaringan

Penyelidikan



MEMPERHEBAT KESOHORAN *Global*



18 Oktober 2022 • Selasa • 10:00 Pagi





ISI KANDUNGAN: Majlis Bersama Naib Canselor (Oktober 2022)

- 1 Mukadimah
- 2 Cabaran dan Fokus
- 3 Pencapaian
- 4 Bergerak ke Hadapan
- 5 Pesanan Penaja
- 6 Penutup



MEMPERHEBAT
KESOHORAN
Global



1.0 MUKADIMAH

TAHNIAH!

- Kepada semua yang dilantik sebagai Pentadbir/Pentadbir Akademik, dan juga staf yang mendapat kenaikan pangkat.
- Kepada semua staf dan pelajar yang menerima hadiah, kemenangan dan pengiktirafan dalam pelbagai bidang seperti sukan (SUKUM, SUKMA), akademik, penyelidikan dan sebagainya!

Sesungguhnya ini merupakan **amanah dan rezeki** yang dikurniakan oleh Allah SWT kepada kita semua.

1.2 PENSTRUKTURAN ENTITI AKADEMIK



1. **Kelestarian bidang tujahan Universiti:** Fakulti Kejuruteraan & Azman Hashim International Business School.
2. **Memastikan keutuhan kepakaran universiti** yang mampu membangun bakat Universiti yang holistik dan mampu mensejahtera kehidupan menerusi ilmu dan inovasi teknologi.
3. Menyokong Pelan Strategik **enVision UTM 2025**.

1.3 KELUARGA BAHARU UTM: Sesi Akademik 2022/2023



1.4 STATUS PENAWARAN DAN PENDAFTARAN

Pelajar Tempatan & Antarabangsa

Bagi Sesi Kemasukan Semester I 2022/2023

KATEGORI PELAJAR	TAHAP PENGAJIAN	TEMPATAN		ANTARABANGSA	
		TAWAR	DAFTAR	TAWAR	DAFTAR
Prasiswazah (UG) Pascasiswazah (PG)	Sarjana Muda	3,558	3,210	567	164
	Sarjana	940	456	1,079	167
	Doktor Falsafah	706	201	925	186
	JUMLAH	5,204	3,867	2,571	517

Data pelajar mendaftar sehingga 17 Oktober 2022

1.5 TOP 10 PROGRAM SARJANA MUDA (PERDANA)

Berdasarkan PNGK dan Merit Akhir Calon Lepas STPM/Setaraf

NAMA PROGRAM	FAKULTI
Sarjana Muda Perakaunan Dengan Kepujian	Fakulti Pengurusan
Sarjana Muda Sains Komputer (Kejuruteraan Perisian) Dengan Kepujian	Fakulti Komputeran
Sarjana Muda Sains Komputer (Kejuruteraan Data) Dengan Kepujian	Fakulti Komputeran
Sarjana Muda Sains Komputer (Rangkaian Dan Keselamatan Komputer) Dengan Kepujian	Fakulti Komputeran
Sarjana Muda Sains Komputer (Perisian Grafik dan Multimedia) Dengan Kepujian	Fakulti Komputeran
Sarjana Muda Pengurusan (Pemasaran) Dengan Kepujian	Fakulti Pengurusan
Sarjana Muda Kejuruteraan Mekanikal (Aeronautik) Dengan Kepujian	Fakulti Kejuruteraan Mekanikal
Sarjana Muda Ukur Bahan Dengan Kepujian	Fakulti Alam Bina & Ukur
Sarjana Muda Sains (Matematik) Dengan Kepujian	Fakulti Sains
Sarjana Muda Kejuruteraan Bioperubatan Dengan Kepujian	Fakulti Kejuruteraan Elektrik

1.6 INISIATIF KOLEJ/PELAJAR ANGKAT



- **Pelan tindakan bersinergi** antara entiti **kolej kediaman** (JTNCP & JTNHEP) bersama **fakulti dan pusat tanggungjawab (PTJ)**
- Memastikan kolej-kolej kediaman UTM berada dalam keadaan bersih, ceria, selamat dan kondusif menjelang kemasukan pelajar baharu dan pelajar kanan sesi akademik 2022/2023.



#IamUTM

2.0 CABARAN DAN FOKUS

2.1 SENARIO GLOBAL MASA KINI



Peperangan Ukraine-Russia



Krisis Bekalan Makanan



Perubahan Iklim Dunia

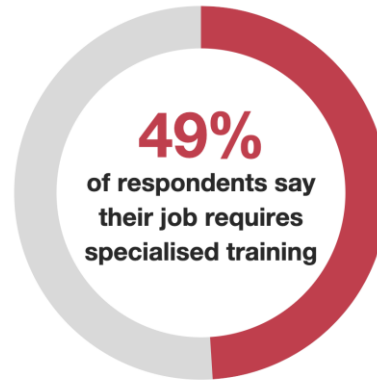


2.2 GLOBAL HIGHER EDUCATION & GLOBAL WORKFORCE



Good news: Continuous rise in international collaboration has been driven by the recognition that finding solutions to the world's most pressing problems is enhanced through **global research cooperation**. Impact from publications with authors from three or more countries are more than twice the overall global average.

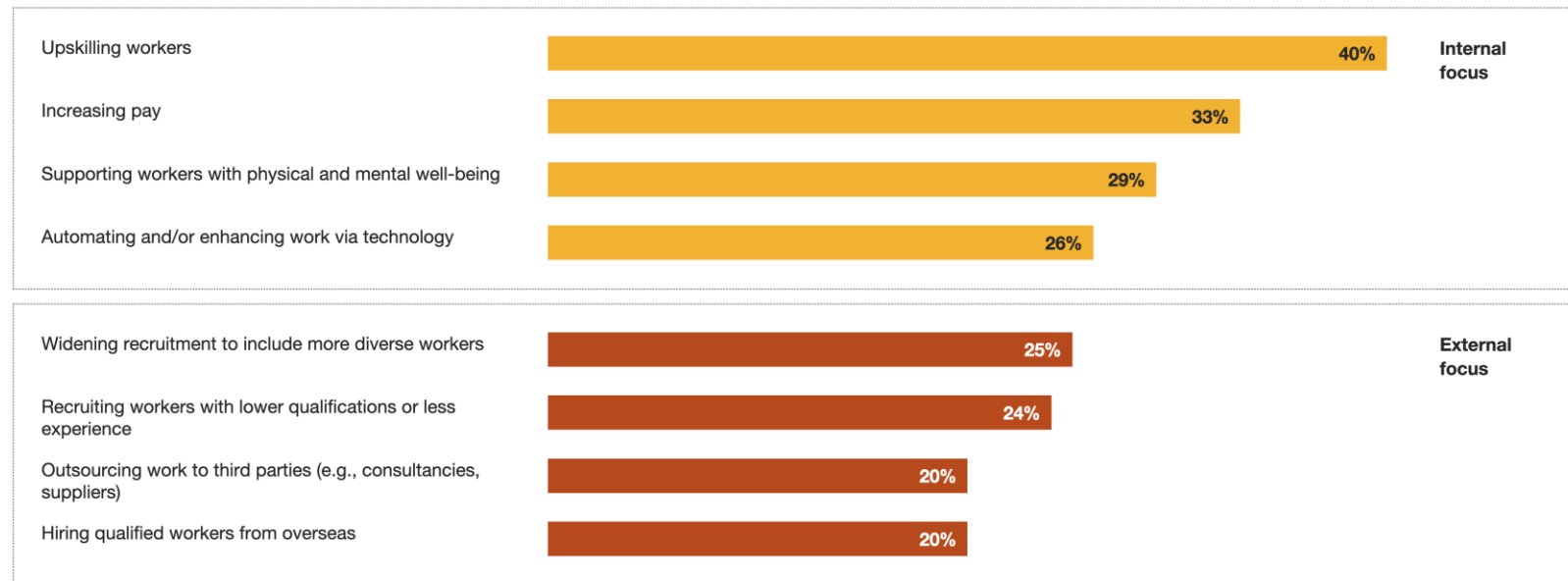
Bad news: An **unstable geopolitical landscape** is undermining international research collaboration, and reshaping the global research mission



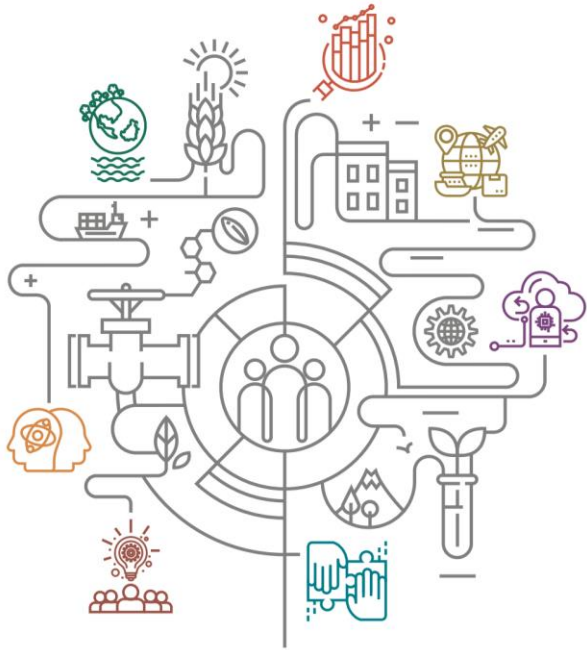
Almost half of the global workers feel empowered by **specialized training**.



Although there are two approaches in tackling labour shortage; more efforts was spent **internally** than externally.



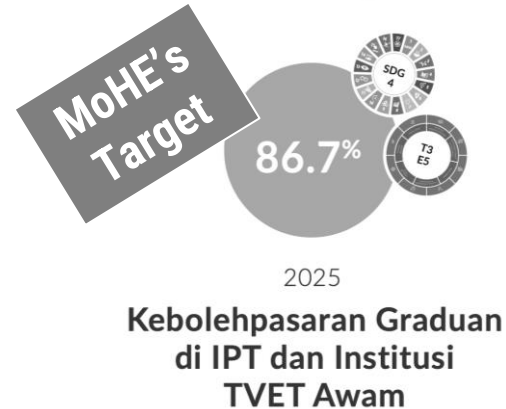
2.3 ASPIRASI NEGARA: *Rancangan Malaysia ke-12*



RANCANGAN MALAYSIA KEDUA BELAS

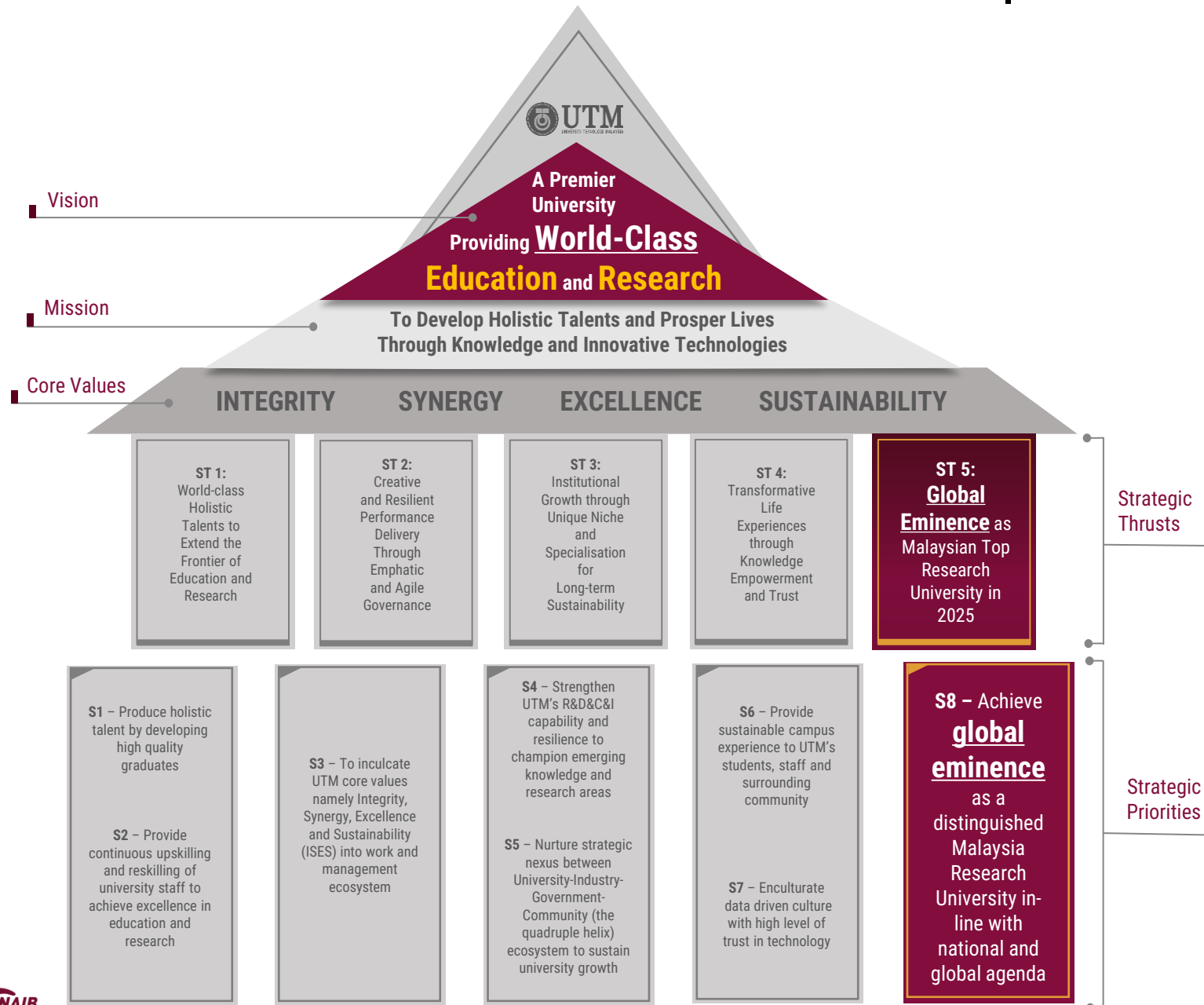
2021-2025

MALAYSIA MAKMUR, INKLUSIF, MAMPAN



The Nation is pushing our higher education in the **global** arena, and we are embracing the same spirit.

2.4 enVision UTM 2025: Kelas Dunia | Keshohoran Global



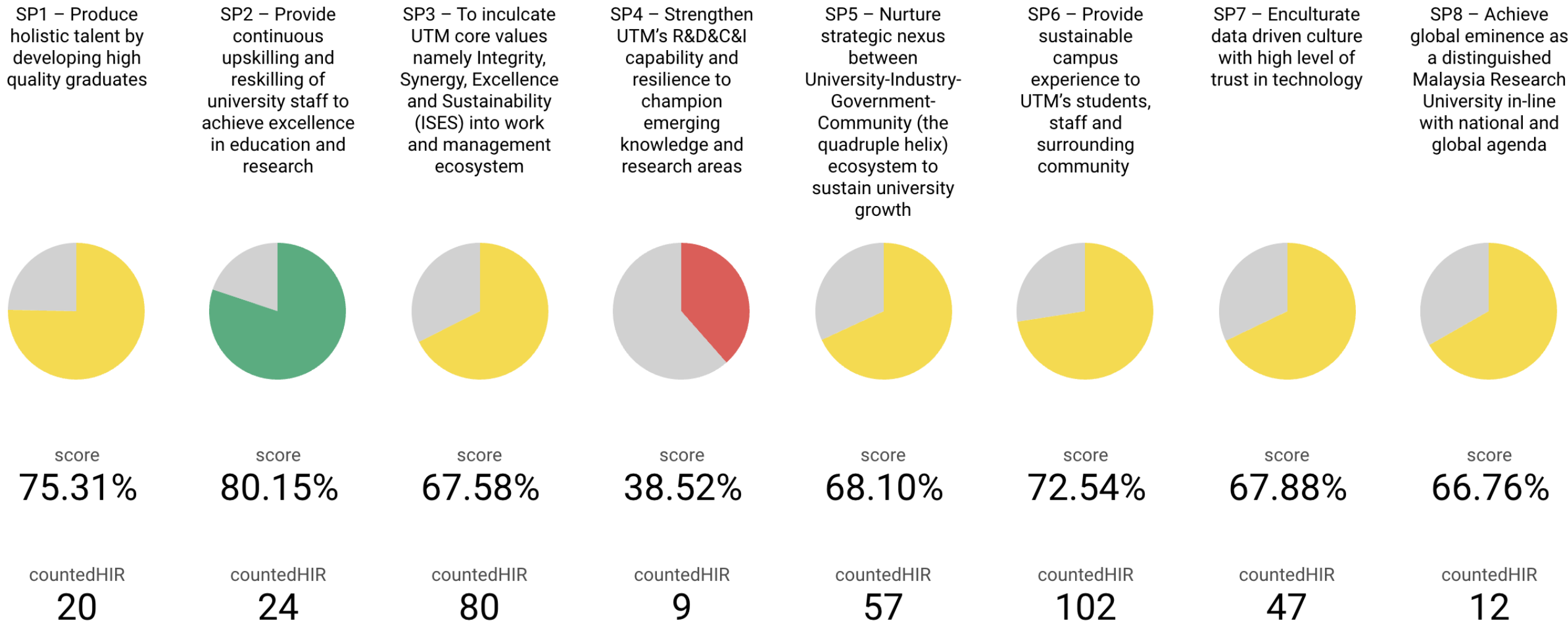
Despite the change of time, our core business remains the same; **EDUCATION & RESEARCH.**

Elements on “**global**” are very pronounced and explicit in our current strategic plan; the **enVision UTM 2025**. The success of UTM at the global level requires the commitment of all of us (staff, students, alumni) and our partners.

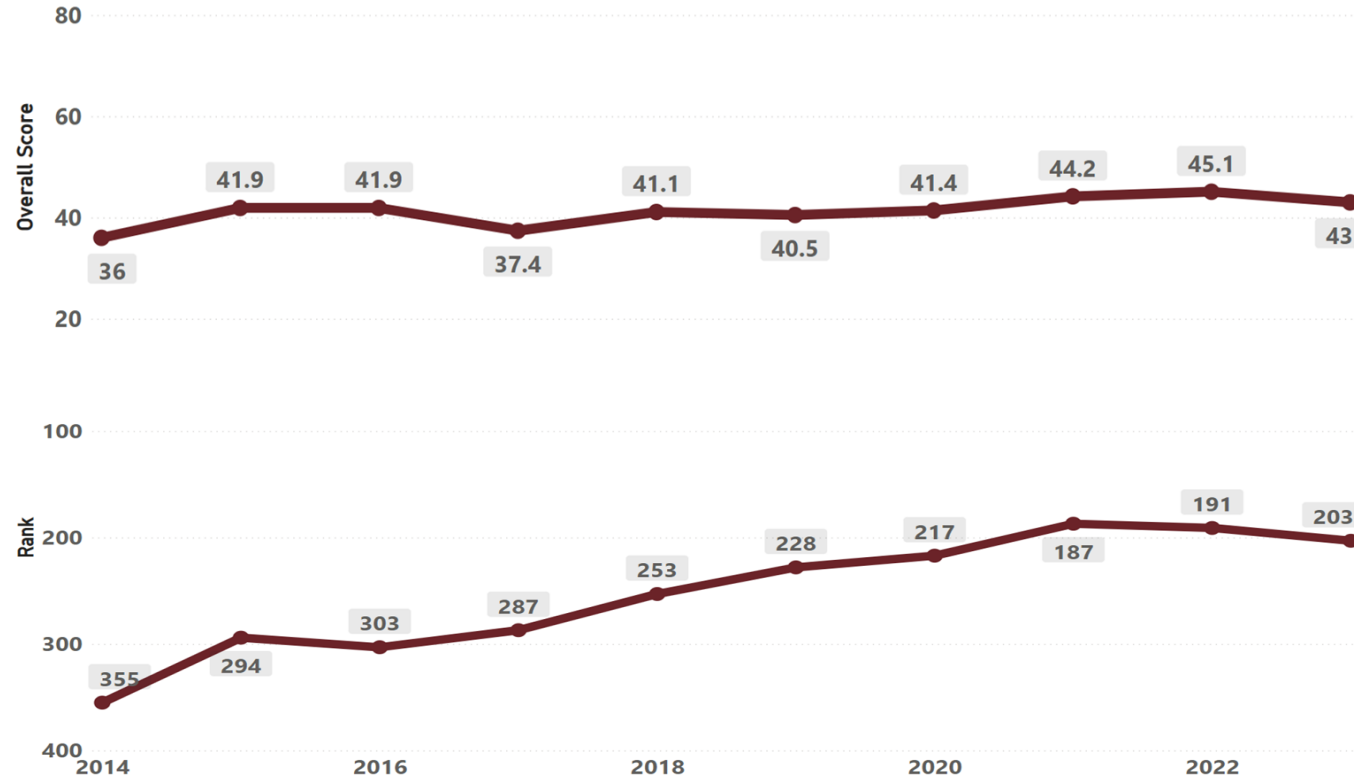
3.0 PENCAPAIAN

3.1 PENCAPAIAN APR-JUN 2022 enVision UTM 2025

TOTAL High Impact Result (HIR): 221



3.2 QS WORLD UNIVERSITY RANKING 2023



Summary

1. International Student Ratio (IS) and International Research Network (IRN) are UTM's strengths whereas International Faculty (IF) and Employment Outcome (EO) are the weaknesses
2. Others are improving at a better rate and across more indicators, thus having more advantages than UTM
3. However, UTM will be presenting a different perspective to address critical aspects which can improve UTM's overall position

AR	Academic Reputation	IF	International Faculty Ratio
CF	Citation/Faculty	IS	International Student Ratio
ER	Employer Reputation	IRN	International Research Network
FS	Faculty-Student Ratio	EO	Employment Outcome

Scores Normalised-100% (Data QSWUR 2023)

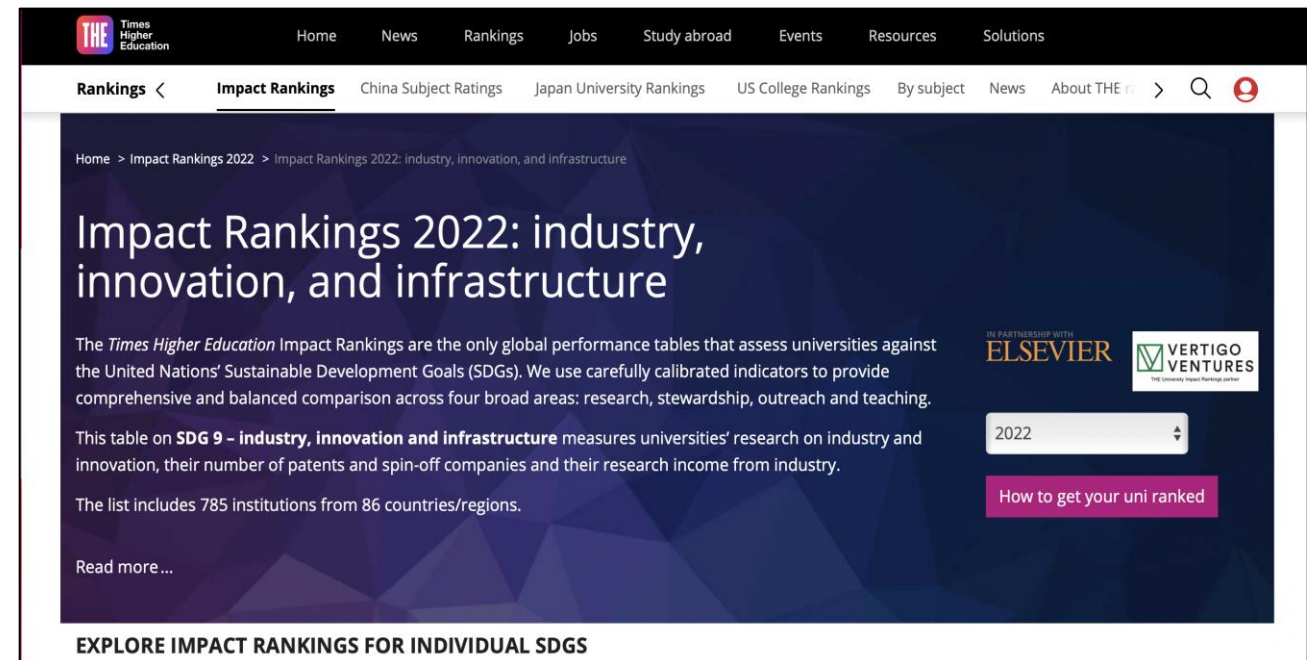
CRITERIA	W/T (%)	UM	UPM	UKM	USM	UTM
Academic Reputation	40	[32] 80%	[23] 58%	[23] 58%	[24] 60%	[18] 45%
Employer Reputation	10	[9] 90%	[6] 60%	[6] 60%	[7] 70%	[6] 60%
Faculty/Student Ratio	20	[14] 70%	[15] 75%	[19] 95%	[13] 65%	[9] 45%
Citations per Faculty	20	[8] 40%	[4] 20%	[2] 10%	[3] 15%	[6] 30%
International Faculty Ratio	5	[2] 40%	[2] 40%	[2] 40%	[1] 20%	[0.03] 0.6%
International Student Ratio	5	[3] 60%	[4.6] 92%	[2] 40%	[4] 80%	[4] 80%
TOTAL	[100]	[68]	[55]	[53]	[52]	[43]

3.3 CHAMPIONING SDG9: *THE Impact Rankings 2022*



#1
in **MALAYSIA**

#53
in **THE WORLD**



3.4 KERJASAMA GLOBAL PRAKTIKAL

UTM INTERNATIONAL BILATERAL PARTNERS (Active as of August 2022)

Highlights

291

Agreements

252

Institutions

52

Countries

140

MoU

100

MoA

51

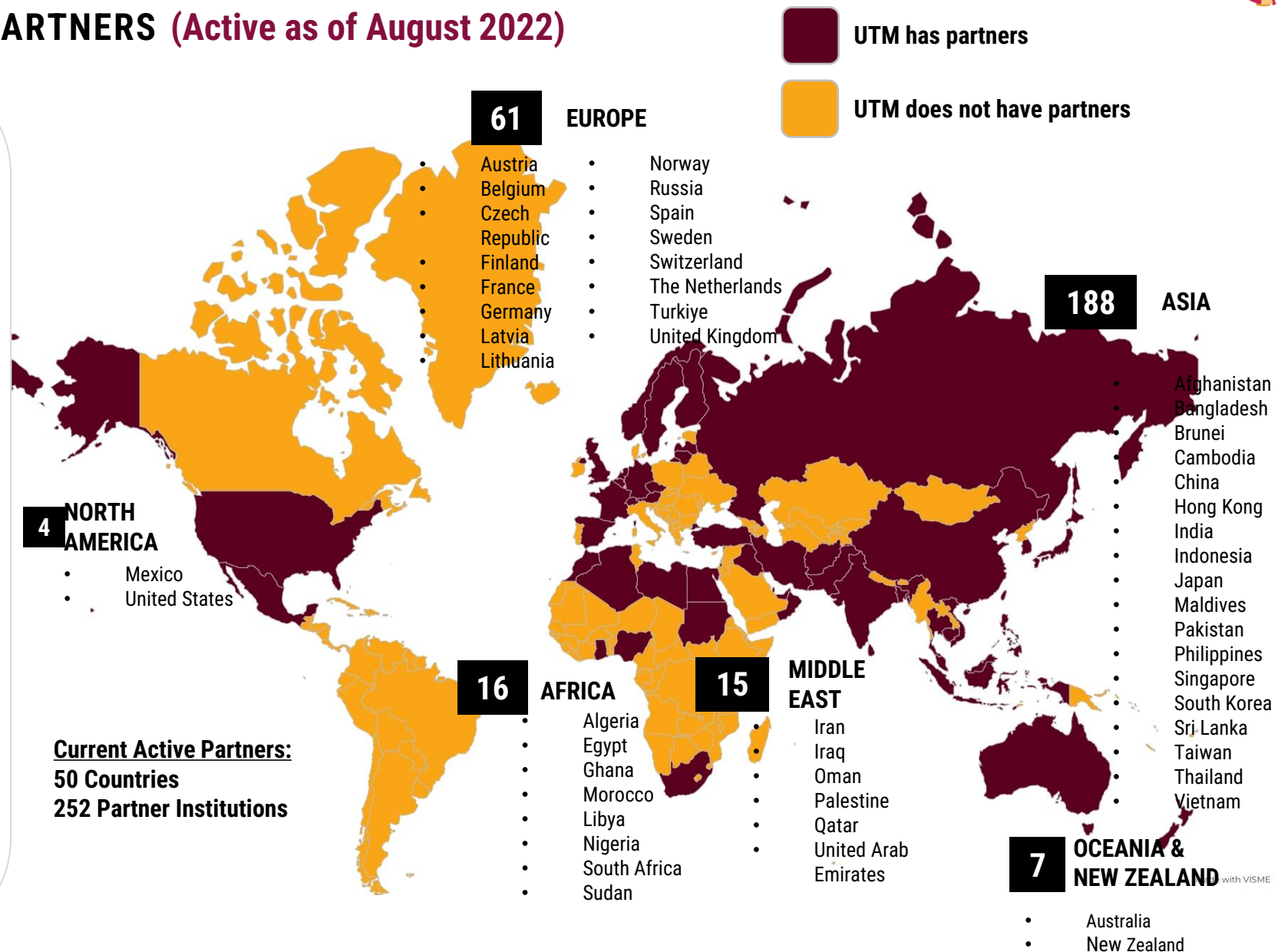
Instruments

Collaboration Category by Institutions:

Research	50
Exchange Program	35
Academic Program	13
Recruitment	14
UTM Press	1
Satellite Office	1
Joint Conference	1
General Collaboration	176

TOP 5 Countries 2022

	50
	33
	20
	16
	13



3.5 ASIA-TECHNOLOGICAL UNIVERSITY NETWORK



ATU-Net

Asia Technological University Network

31 Institution partners

3 New partners

USTP (The Philippines)

Universitas MDP (Indonesia)

USEP (The Philippines)

10 Indonesia

7 Malaysia

5 The Philippines

3 Thailand

1 Pakistan

1 Brunei

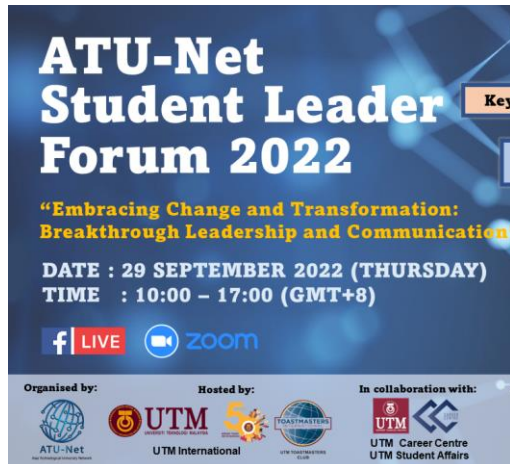
1 Bangladesh

1 Vietnam

1 Japan

1 India

ACTIVITIES



ATU-Net Student Leader Forum 2022

“Embracing Change and Transformation: Breakthrough Leadership and Communication”

DATE : 29 SEPTEMBER 2022 (THURSDAY)
TIME : 10:00 – 17:00 (GMT+8)

Key

Programme Highlights:

- Welcoming Address
- Keynote Sessions
- Workshops on ATU-Net Student Mobility Framework

Objectives:

- To enhance skills and competencies in managing international office
- To nurture intercultural competencies and international understanding
- To share best practices in various areas related to international relations and activities
- To refine the ATU-Net student mobility framework

Registration Fee:

ATU-Net Member : By Special Invitation
Non ATU-Net Member: USD 50.00

Enquiries:

Email : atunet@utm.my
Website : <https://atunet.org/isw2022/>

Organised by: ATU-Net

Hosted by: UTM International

In collaboration with: UTM Career Centre, UTM Student Affairs



ATU-NET INTERNATIONAL STAFF WEEK 2022 (ATU-NET ISW2022)

“Co-creating Transformative Internationalisation in Post-pandemic Asian Higher Education”

14th – 17th March 2022
14:00 – 17:00 (GMT+8)

Programme Highlights:

- Welcoming Address
- Keynote Sessions
- Workshops on ATU-Net Student Mobility Framework

Objectives:

- To enhance skills and competencies in managing international office
- To nurture intercultural competencies and international understanding
- To share best practices in various areas related to international relations and activities
- To refine the ATU-Net student mobility framework

Registration Fee:

ATU-Net Member : By Special Invitation
Non ATU-Net Member: USD 50.00

Enquiries:

Email : atunet@utm.my
Website : <https://atunet.org/isw2022/>

Organised by: ATU-Net

In Collaboration with: UTM, Universiti Teknologi MARA, KMITL, KMUTL



ATU-NET YOUNG RESEARCHER GRANT 2022

This application is open to all lecturers currently serving in any member institution of ATU-Net who meet the following criteria:

1. 40 years old or younger
2. Preferably hold a PhD
3. Have not been a Principal Investigator of any research grant from any institutions

Research Topic: Unrestricted

Research Duration: 6 months to 12 months, beginning 1st September 2022

Research Output: 1 Scopus-indexed journal paper

Amount of Grant:
RM 10,000.00
(approx. USD 2,250.00)

Call for proposal: 1st June 2022 – 30th June 2022

3 stage Evaluation: 1st July 2022 – 14th August 2022

Announcement of Result: 30th August 2022

Funding Arrangement and Execution: September 2022

Download the application form here <https://atunet.org/atunetyrg2022/>
For further enquiries, kindly email us at atunet@utm.my

MOBILITI

63 Pelajar

35 Indonesia

11 Japan

5 Nigeria

3 Germany

2 China

1 USA

1 India

1 Australia

1 France

1 Finland

1 Canada

1 Thailand

3.6 UTM GLOBAL NEWSROOM

Top 5 Media Agencies

Outlet Name	Location
 Yahoo! Finance View Release	Global
 Finanzen.net View Release	Germany
 AsiaOne.com View Release	Singapore
 ET Net View Release Screenshot	Hong Kong
 Morningstar Hong Kong View Release Screenshot	Hong Kong

UTM Global Newsroom

Communicating our **IMPACT**
to the **WORLD**



No of International Articles

3

2020

4

2021

3

2022



PR Newswire
Scan here for all
UTM articles

Themes

UTM Experts
Alumni Success Stories
Academic Intakes
Research Impact
Community Impact
Mobility Programmes



3.7 HIGHEST READERSHIP: *UTM Int. Media Coverage* on WEF Sydney

yahoo!finance

Search for news, symbols or companies



Sign in



CISION

UTM Vice-Chancellor' Message to the World: Work In-Silo No More, Upgrade Skills, Take Action



August 12, 2022 · 4 min read



JOHOR BAHRU, Malaysia, Aug. 12, 2022 /PRNewswire/ -- The Vice-Chancellor of Universiti Teknologi Malaysia (UTM), Professor Datuk Ts Dr Ahmad Fauzi Ismail was invited by the Government of Australia to speak at the World Energy Forum in Sydney, Australia, held from 12th July to 14th July 2022. He was speaking as one of the panel speakers for the session on 'Workforce and Skills'.



Work In-Silo No More, Upgrade Skills, Take Action

The Australian government extended the invitation to Professor Fauzi because of his outstanding achievement in bringing UTM to a greater height, especially in leading UTM in producing quality graduates for the Energy sector by making the university curriculum responsive to the needs of the energy-related industries.



Rooftop solar company

Pathgreen Energy Sdn Bhd [Open >](#)

Quote Lookup



TRENDING

1. UPDATE 1-Russian rouble weakens as Moscow Exchange relaunches early FX session
2. UK Economy Recovers Slower Than Expected From Bank Holiday Slump
3. Russian rouble weakens as Moscow Exchange relaunches early FX session
4. 'Succession,' 'Squid Game' or a surprise? Emmy winners to be unveiled Monday
5. Pakistan races to keep floodwaters out of power station that supplies millions

Release Views & Hits

12,023

The **only article from Malaysia** with **the highest readership** in PR Newswire Portal (August 2022)

Total Pickup

118

Full text postings of our article found in the online and social media monitored by distributor, PR Newswire

Viewers

532,282

Average Potential Audiences from all Media Pickup

3.8 RANKING WEB OF UNIVERSITIES

#2 in MALAYSIA

World Rank : 467



The objective **is not** to evaluate websites, their design or usability or the popularity of their contents according to the number of visits or visitors.

Google Scholar

Academic, Research Officers Account

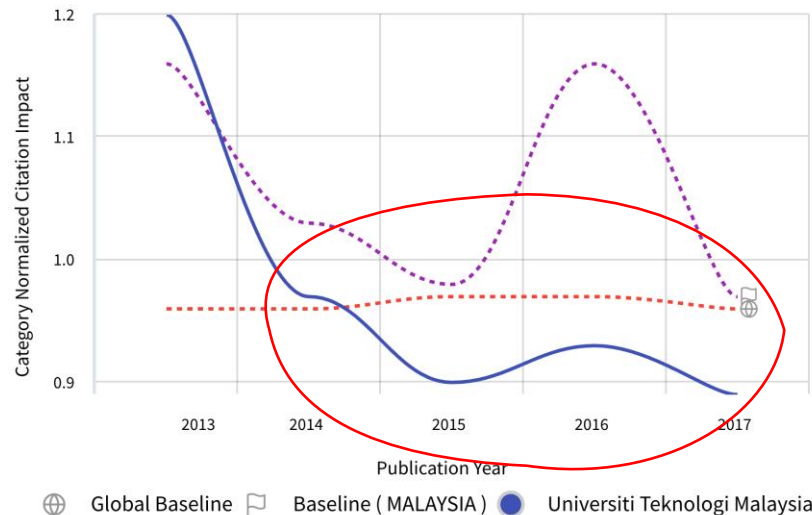
INDICATORS	MEANING	METHODOLOGY	SOURCE	WEIGHT
PRESENCE	Public knowledge shared	DISCONTINUED		
VISIBILITY	Web contents Impact	Number of external networks (subnets) linking to the institution's webpages (normalized and then the maximum value is chosen)	Ahrefs Majestic	50%
TRANSPARENCY or OPENNESS)	Top cited researchers	Number of citations from Top 210 authors (excluding the top 20 outliers) See Transparent Ranking for additional info	Google Scholar Profiles	10%
EXCELLENCE (or SCHOLAR)	Top cited papers	Number of papers amongst the top 10% most cited in each one of the all 27 disciplines of the full database Data for the five year period: 2017-2021	Scimago	40%

3.9 KOLABORASI GLOBAL: *Impak Kepada Sitasi*



Category Normalized Citation Impact per Year

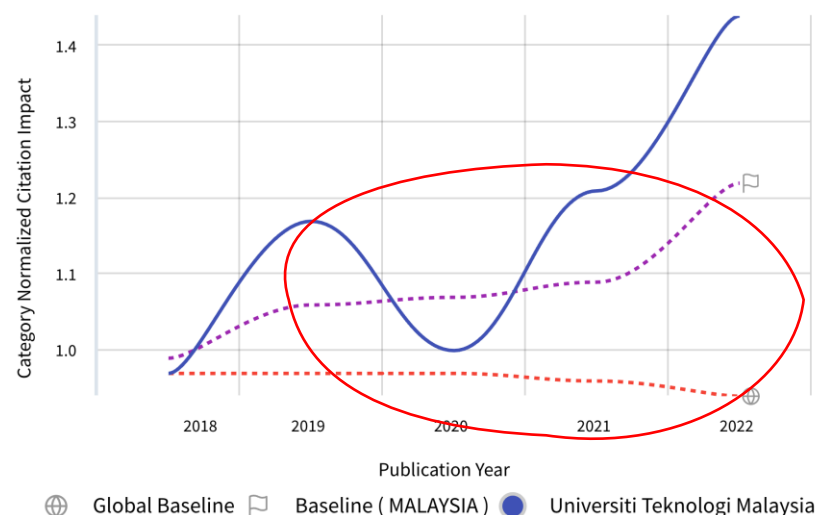
What is the citation impact?



Indicators: Category Normalized Citation Impact. **Organization Name:** Universiti Teknologi Malaysia. **Collaborates With ID Type Group:** name. **Collaborates With ID Type:** fullName. **Schema:** Web of Science. **Dataset:** InCites Dataset
InCites dataset updated Sep 30, 2022. Includes Web of Science content indexed through Aug 31, 2022. Export Date: Oct 15, 2022.

Category Normalized Citation Impact per Year

What is the citation impact?



Indicators: Category Normalized Citation Impact. **Organization Name:** Universiti Teknologi Malaysia. **Collaborates With ID Type Group:** name. **Collaborates With ID Type:** fullName. **Schema:** Web of Science. **Dataset:** InCites Dataset
InCites dataset updated Sep 30, 2022. Includes Web of Science content indexed through Aug 31, 2022. Export Date: Oct 15, 2022.

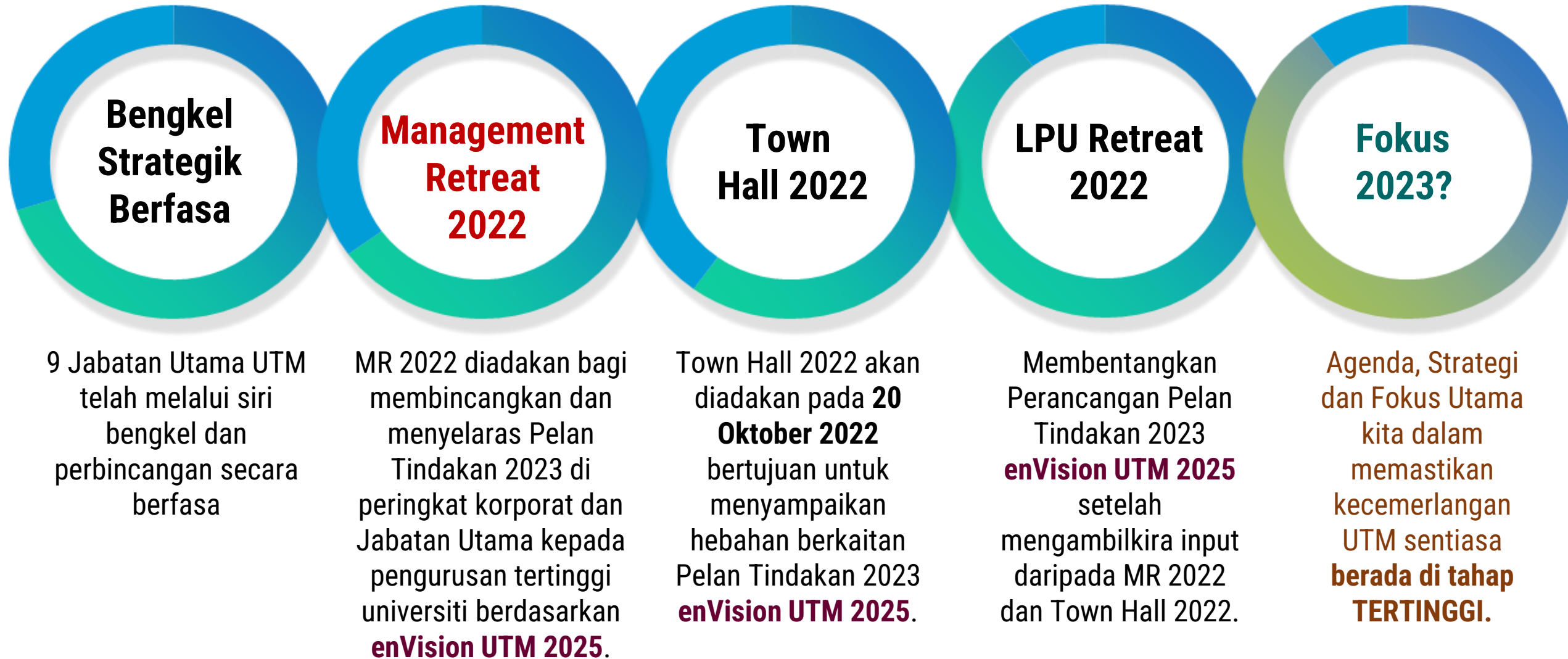
Comparing (2013 - 2017) and (2018 - 2022), UTM has improved in citation impact **above global baselines**

To illustrate the correlation of international collaboration, looking at UTM's data, publication w/ international collaboration generate **70% more citation impact** (on average, normalized by research areas) compared to domestic collaboration

#IamUTM

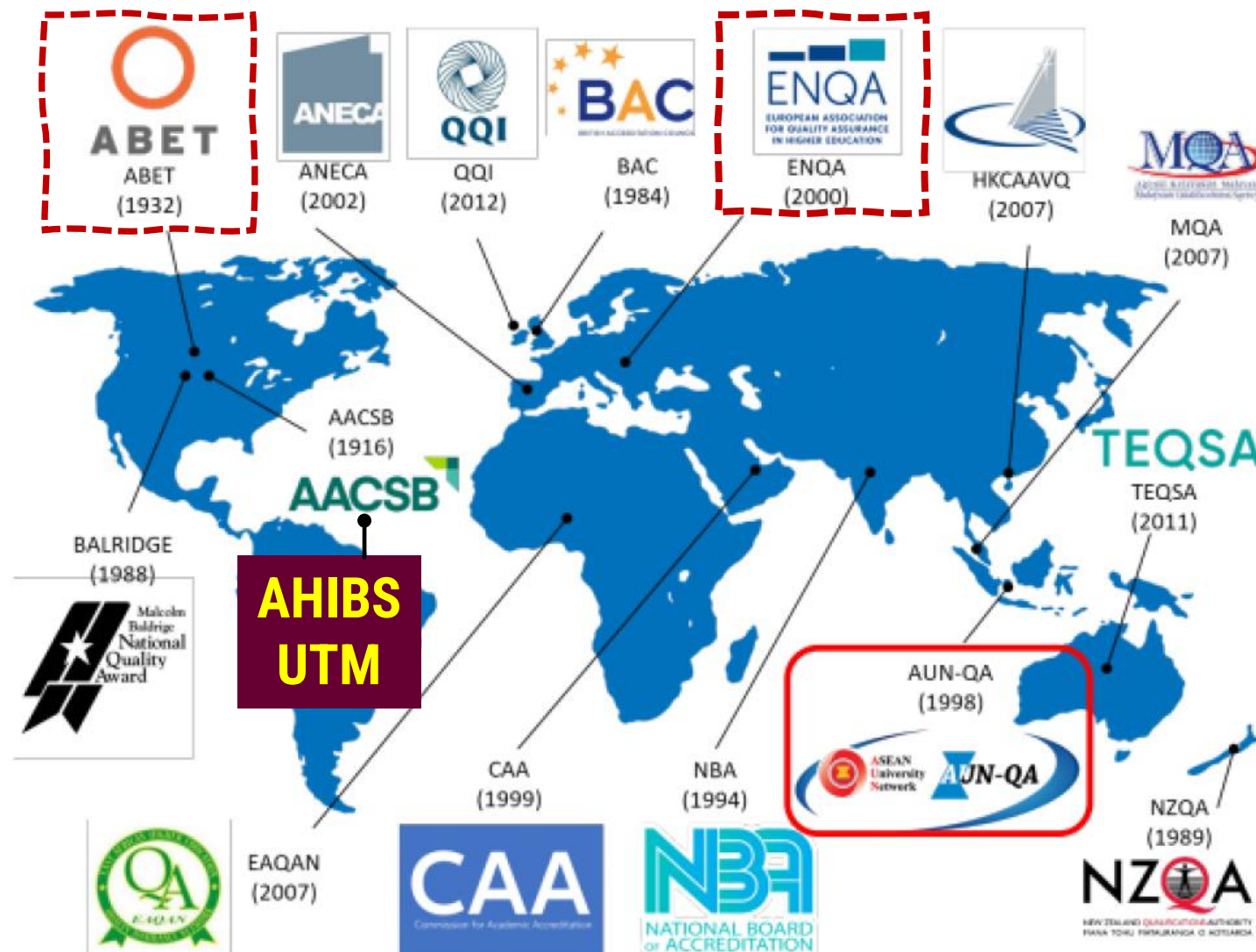
4.0 MOVING FORWARD

4.1 enVision UTM 2025: Action Plan 2023 Preparation Timeline



4.2 STRATEGI PENINGKATAN KUALITI AKADEMIK

PROGRAM KE ARAH PENGIKTIRAFAN SECARA GLOBAL



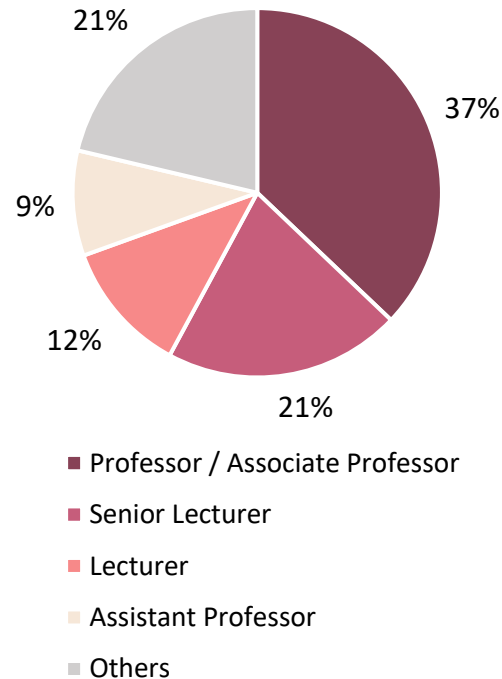
- Penggunaan kerangka QA global akan **meningkatkan kualiti akademik** secara langsung dalam semua aspek.
- Meletakkan program yang mempunyai pengiktirafan global **setanding** dengan program yang sama di luar negara.
- Pematuhan kerangka QA global secara langsung akan **memenuhi syarat** pematuhan Kerangka Kelayakan Malaysia (MQF).
- Pengiktirafan global ini akan melonjakkan **visibility** UTM dan seterusnya menyumbang kepada kedudukan ranking UTM yang lebih baik.

4.3 WORLD RANKING: *The Case of Academic Reputation*



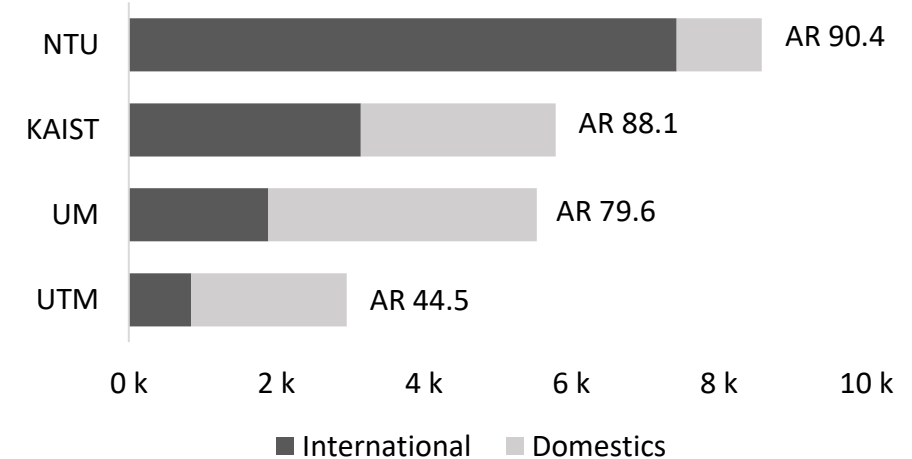
Academic reputation – Accounting for 40 per cent of the overall score, academic reputation looks at the **teaching and research quality** at the world's universities. We collate over 130,000 expert opinions from the higher education space, creating the largest **survey** of academic opinion in the world.

Academic Reputation
Respondent Profile: UTM



“Academicians” made up almost **80%** of the respondents; meaning we are voted by our peers

Academic Reputation Respondent
Profile: International vs. Domestic



Universities in Malaysia generally have **fewer international respondents** while UTM's total respondents are lower compared to UM

4.4 REPUTASI AKADEMIK



Academic reputation 'still driven by journal prestige' – survey

Global poll of nearly 10,000 researchers reveals continued influence of bibliometrics in determining reputation and institutional ties

August 3, 2022

[Jack Grove](#)

Twitter: [@jgro_the](#)

Research citation scores and the prestige of journals in which academics publish remain highly important factors in how scholars judge each other despite international efforts to reduce their impact, a *Times Higher Education* survey of almost 10,000 academics has found.

Aside from an individual's personal interactions with another academic, the perceived quality of the journal where a



Source: Getty

FEATURED JOBS

President

FULBRIGHT UNIVERSITY
VIETNAM



Postdoctoral Fellow,
Atkin

AUSTRALIAN NATIONAL
UNIVERSITY (ANU)



Lecturer/Assistant
Professor, Sport and
Exercise Science

UNIVERSITY COLLEGE DUBLIN
(UCD)



IDAM Administrator
AUSTRALIAN CATHOLIC
UNIVERSITY



Research Fellow,
Biological Sciences

NATIONAL UNIVERSITY OF



Link: shorturl.at/pvBL9

4.5 TRANSLATIONAL RESEARCH



World ▾ Business ▾ Legal ▾ Markets ▾ More ▾



Disrupted



5 minute read · October 8, 2022 3:06 PM GMT+8 · Last Updated 7 days ago

Malaysia's palm planters eye robots, drones to combat labour crunch

By Mei Mei Chu

“Research That
Benefits Society”

Makes a *good story*.



World ▾ Business ▾ Legal ▾ Markets ▾ Breakingviews ▾ Technology ▾ Investigations ▾ More ▾



4/5 Researcher Hazlina Selamat carries Terer, a prototype exoskeleton designed for palm oil plantation works at Yong Peng, Johor, Malaysia, on September 8, 2022. REUTERS/Hasnoor Hussain



World ▾ Business ▾ Legal ▾ Markets ▾ Breakingviews ▾ Technology ▾ Investigations ▾ More ▾



5/5 A research student Muhammad Haziq Ramli carries a dry frond of palm oil as he wears Terer, a robotic exoskeleton during a testing of the prototype at a palm oil plantation in Yong Peng, Johor, Malaysia, September 8, 2022. REUTERS/Hasnoor Hussain

4.6 GLOBAL PRACTICAL: *Asia Tour*



MOU/MOA | Satellite Office/Lab | Mobility | Student
Enrolment | Matching Grant | Joint
Research/Publication | Co-Branding etc.



Asia Tour: Next?

Palembang

Surabaya

Jakarta

Bandung

Malang

4.7 PEMILIHAN RAKAN KERJASAMA STRATEGIK

“Partner With
Those Who
Believe
In Our Brand”
and *talk* about it...

Ericsson, UTM and
DNB collaborate to
prepare Malaysian
students for the 5G
era

PRESS RELEASE | JAN 11, 2022

Sustainability

5G

#EricssonEducate



iti Pengarahan Presiden

Berita Terkini

BRIN Sepakati Program Pascasarjana Riset Bersama UTM

Selasa, 8 Februari 2022 | 21:05 WIB | Penulis :

G. Suranto, Redaktur : Untung S



Jakarta, InfoPublik - Badan Riset dan Inovasi Nasional (BRIN) dan Universitas Teknologi Malaysia (UTM) sepakat untuk...



Justin Lee
@AusHCMalaysia

Great to see 🇲🇾's Prof Datuk Ts Dr Ahmad Fauzi Ismail, Vice Chancellor @UTM_My speak at the #SydneyEnergyForum this week.

Learn about how the forum is facilitating clean energy transition in the Indo-Pacific 🌳💚👉
sydneyenergyforum.gov.au



4:46 PM · 15/07/2022 · Twitter for iPhone

4.8 PERKASA PERANAN ALUMNI DALAM & LUAR NEGARA



5.0 PESANAN PENAJA

5.1 PROJEK WAKAF VAN JENAZAH

Kempen sumbangan telah ditutup pada 12 Julai 2022



UTMJB



UTMKL

UCAPAN PENGHARGAAN DAN TERIMA KASIH KEPADA SEMUA PEWAKAF YANG TELAH BERWAKAF UNTUK PROJEK DUA (2) UNIT VAN JENAZAH UTM

- Selesai proses perolehan **2 unit van jenazah** dengan kos berjumlah **RM300,000.00**.
- UTM melalui Unit Dana Wakaf Pendidikan mengucapkan **jutaan terima kasih** kepada para pewakaf yang telah berwakaf tunai bagi tujuan pembelian dua unit van jenazah tersebut.

5.2 PERSEDIAAN MENGHADAPI MUSIM TENGGUJUH

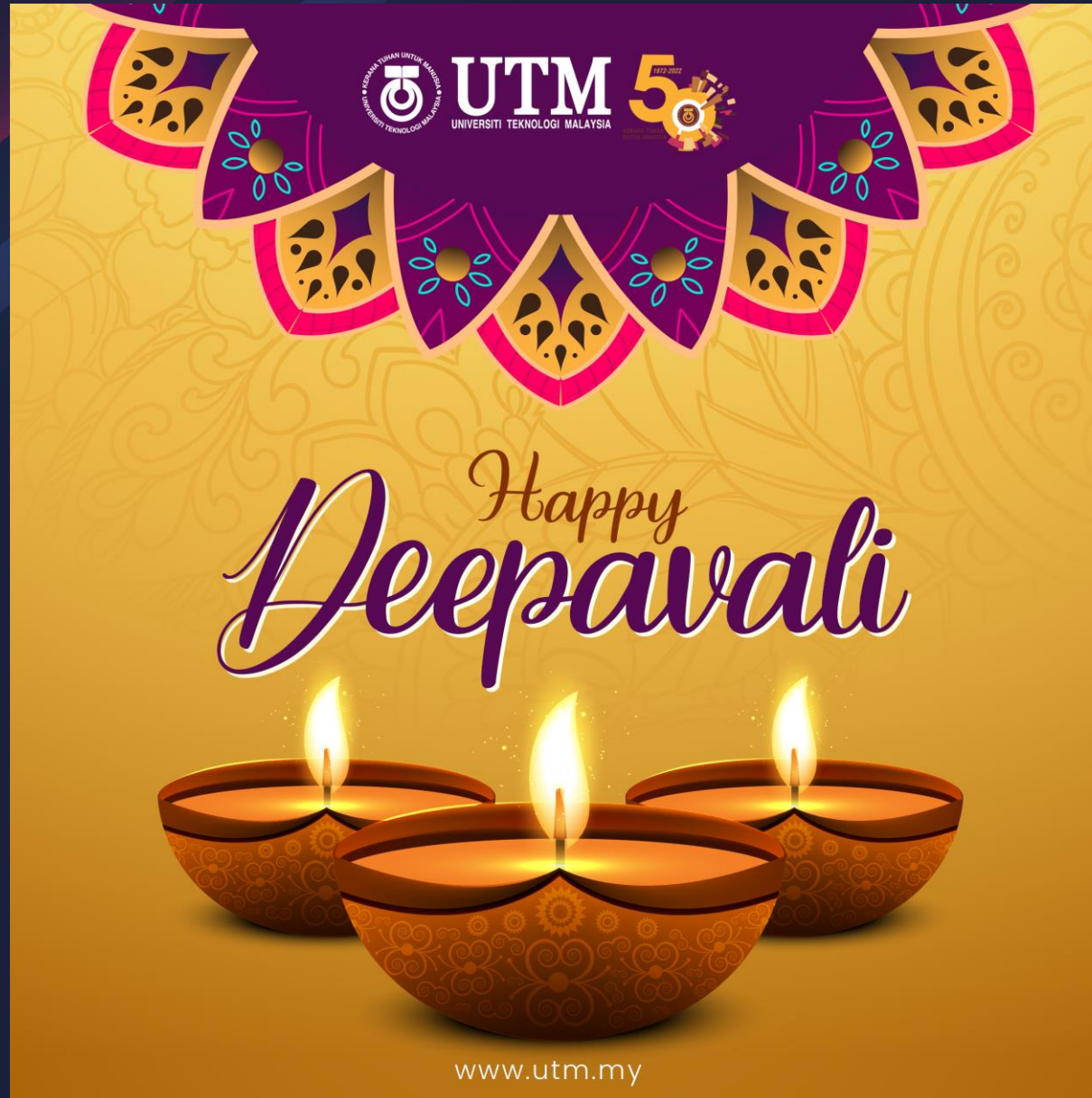
Agensi Pengurusan Bencana Negara
(NADMA Malaysia)

PERSEDIAAN MENGHADAPI BANJIR



- Dapatkan maklumat daripada radio / TV / media sosial dan pihak berkuasa tempatan
- Pastikan saluran paip dikawasan rumah tidak tersekat
- Pastikan bekalan ubat mencukupi kepada yang mempunyai penyakit kronik
- Simpan bekalan makanan dan air bersih yang mencukupi
- Simpan dokumen penting dalam bekas kalis air di tempat yang selamat
- Patuhi arahan pihak berkuasa
- Sediakan barang keperluan asas seperti susu anak, ubat-ubatan, lampu suluh, beg pakaian dan peralatan lain sebelum diarah berpindah
- Simpan nombor telefon yang penting seperti ahli keluarga, jiran, balai polis dan hospital terdekat
- Pastikan semua Ahli keluarga faham Mengenai implikasi banjir
- Pastikan kenderaan berkunci dan diletakkan di kawasan yang tidak dinaiki air
- Kenal pasti lokasi pusat pemindahan

www.nadma.gov.my  Agensi Pengurusan Bencana Negara  @mynadma  NADMA_Malaysia







6.0 PENUTUP

QUOTE

“Empower **personal attributes**, develop **charismatic personality** and **seize the opportunities** given.”

Professor Datuk Ir. Ts. Dr. Ahmad Fauzi bin Ismail
Vice-Chancellor

KEBIJAKSANAAN (WISDOM)

“Allah memberikan **hikmat kebijaksanaan** (ilmu yang berguna) kepada sesiapa yang dikehendakiNya. Dan sesiapa yang diberikan hikmat itu maka sesungguhnya ia telah diberikan **kebaikan yang banyak**. Dan tiadalah yang dapat mengambil pengajaran (dan peringatan) melainkan orang-orang yang menggunakan **akal fikiran**nya.”

Surah Al-Baqarah: 269

Penghargaan

Team Pejabat Naib Canselor |

Amrie, Chew, Hadi, Helen, Jaffrey, Rohaizan



PNC - 18 Okt 2022

Terima Kasih

Kesohoran Global: Majlis Bersama Naib Canselor (Okt 2022)

www.utm.my/vicechancellor | afauzi@utm.my

