



AS AGENT OF CHANGE FOR IIUM MAS/SDG: Lets Be M.A.D

By

Sejahtera Centre for Sustainability and Humanity International Islamic University Malaysia

- What is the ISSUE? How real? How relevant to us?
- How IIUM addresses the ISSUE?
- What is the role of Administrators? How can we make the change?
- What are the possible projects?
- What have been done/are happening in terms of SD in IIUM?
- Where do we go from here?

A million bottles a minute: world's plastic binge 'as dangerous as climate change'

Exclusive: Annual consumption of plastic bottles is set to top half a trillion by 2021, far outstripping recycling efforts and jeopardising oceans, coastlines and other environments

 Help us tell the stories that need to be told. Become a Guardian supporter or make a contribution today





The daily toll

60 million tons of carbon dioxide (CO₂) amitted

Every day (worldwide) 50 000 hectares of forests destroyed

145

200 000 tons of fish cought



up to 100 species extinct

The state of the same

G

C Globus

20 000 hectares arable land converted/deteriorated

Source: UBA, OECD

Loss of biological diversity has resulted from human activities such as deforestation and pollution.

Water, soil and air have been strained due to high pollution levels.

Unsustainable Exploitation of Resources 40% of our global economy is dependent on biologically derived products.

70-100 species disappear every day

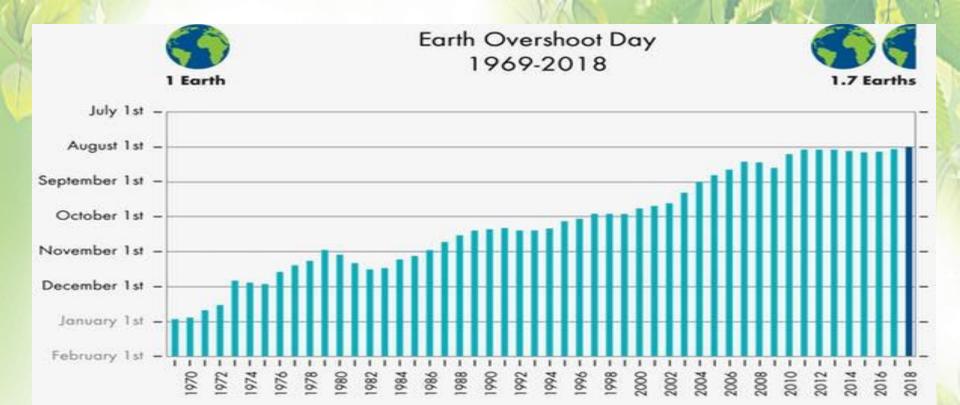
17 million hectares of tropical forest destroyed each year

Unsustainable Exploitation of Resources

Since 1971, global energy use has increased by 70% and is expected to rise 2% per year in the next 15 years. This will increase greenhouse gases by 50% over current levels.

Increased atmospheric nitrogen from fossil fuel combustion and farming of root crops, which release nitrogen, has intensified the occurrence in of acid rain

Natural resources (e.g. soils, forests, fish aquatic habitats) continue to decrease in quantity due to fires, pollution and human influence



On Aug. 1, humans will have consumed more natural resources in 2018 than the Earth can regenerate this year, according to the California-based

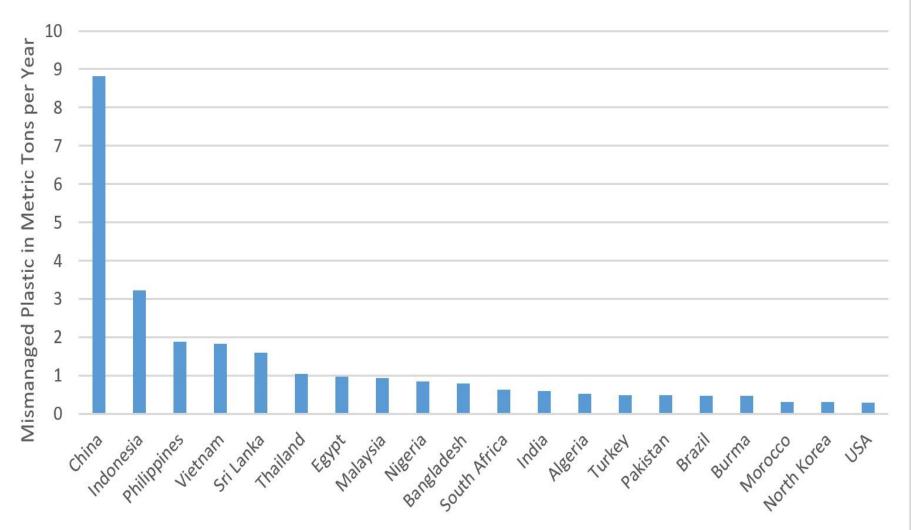
Global Footprint Network.

Source: Global Footprint Network National Footprint Accounts 2018

This environmental nonprofit calculates the annual arrival of Earth Overshoot Day – the date when humanity's demands on nature exceed what the network's analysts estimate the Earth can regenerate over the entire year. Aug. 1 is the earliest date since ecological overshoot began in the early 1970s.

The Growing plastic pollution contribution

The total annual output of mismanaged plastic waste disposed in oceans by top 20 countries



Top 20 Countries polluting oceans

IIUM ZERO SINGLE-USE PLASTIC CAMPAIGN **BRING YOUR OWN** REFUSE, REDUCE, REUSE, RECYCLE #IIUMgogreen

The 4Rs' introduced in IIUM Zero Single-Use Plastic Campaign

Date: 14 February 2019

Reported by: Roslan Bin Rusly

Category: News

₩ Tweet

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28th May

Malaysia to return plastic waste to countries including UK

By Press Association 2019



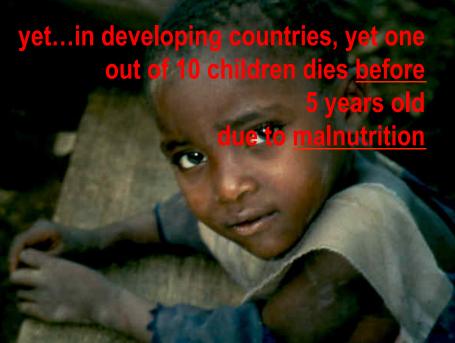








10th International Congress on Obesity (September, 2006): There is an estimated 1.5 billion overweight people globally today.





Malaysia

A: larger | smaller | reset Email 🙀 Print 🖨



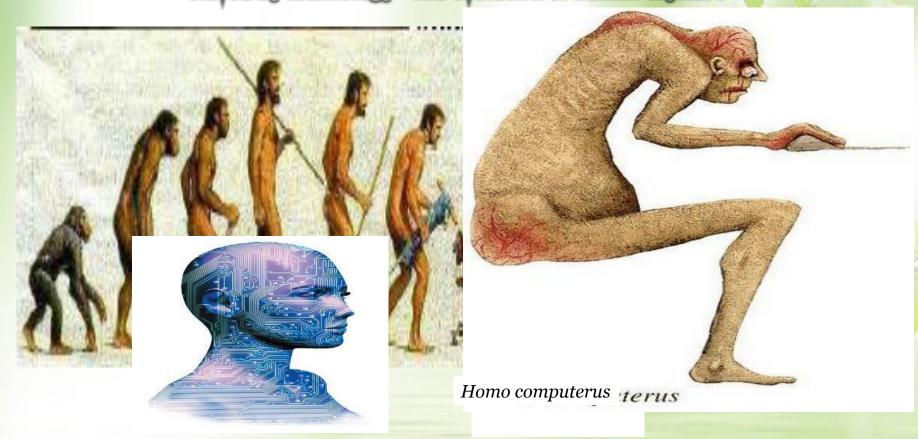
Obesity: Malaysia is No. 1 in Southeast Asia

November 14, 2011

KUALA LUMPUR, Nov 14 — Malaysia has the highest obesity rate in Southeast Asia and ranks sixth in Asia-Pacific region, the Dewan Rakyat was told today.

Deputy Health Minister Datuk Rosnah Abdul Rashid Shirlin said: "We view this matter seriously because an excessive intake of sugar could lead to various complications including diabetes."

Slaved by technology - The evolution of human capital?



Homo technocus

http://www.elektronika.lt/_sys/storage/2008/04/13/1homo_computerus.jpg



Development that meets the needs of the present without compromising the ability of future generations to meet their own needs.

Our Common Future (WCED, 1987 p. 41)

Sustainability is just another way of "The Good Life" as a combination of

- i) a high level of human well-being and
- ii) the high level of ecosystem well-being that supports it"

(Allen Presscott)

Sustainable Development Definition

"To improve the quality of life while living within the carrying capacity of ecosystem".

(International Union for Conservation Union-1991)

"Any development activity can be sustainable if it is a dynamic process which enables all people to realize their potential, and to improve their quality of life, in ways which simultaneously protect and enhance the earth's life support systems".

(Forum for the Future, Annual Report, 2000)

Living good life Meeting the **Thinking** needs of about future future generation generations **WHAT IS SUSTAINABLE DEVELOPMENT** Dynamic Systematic planning process Living quality life within the carrying capacity of ecosystem

*Zakat and Sadaqah

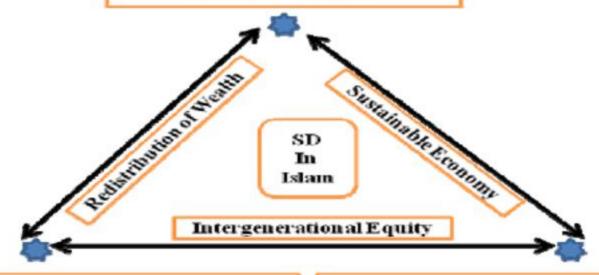
*Takaful (Islamic Security)

*Waqaf (Charitable
Endowment)

*Prohibition of riba (Interest)

*Tarkah (Inheritence)

ECONOMIC



SOCIAL

*Khalifah (Vicegerent)
*Mashwarah (Consultation)
*Ukhuwwah (Islamic Brotherhood)

ENVIRONMENTAL

- *Khalq (Concept of Creation)
- Mizan (Ecological Balance)
- *Sustainable Use of Natural Resources

ISLAM RAHMATAN LIL ALAMIN

- 1. HABLUM MINALLAH
- 2. HABLUM MINA ANNAS
- 3. HABLUM MIN GHOIRUNNAS
 - 4. HABLUM MINAL ALAM



Hablum minal alam merupakan hubungan manusia dengan alam. Tugas pokok manusia dalam mencari keselamatan dan ketentraman hidup di dunia adalah dengan menjaga agar alam tetap bersahabat dengan manusia dan menjaga agar alam tetap lestari sehingga bisa terus dimanfaatkan untuk kelangsungan kehidupan.

SUSTAINABLE GEALS





































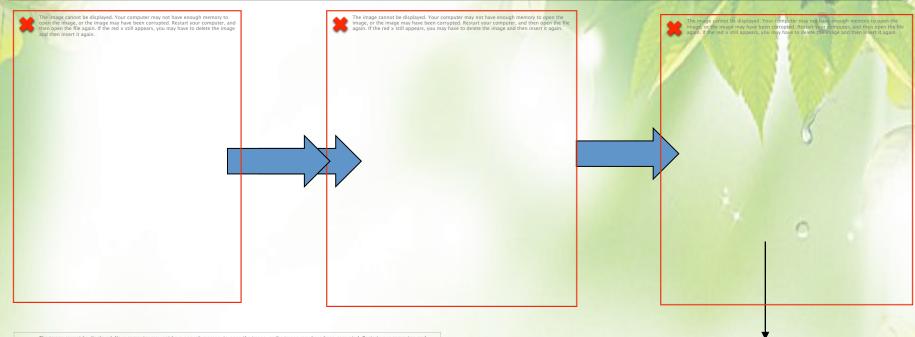
The current state of universities

Education is still living in the past because its present social context is totally different from the situation for which it was designed.

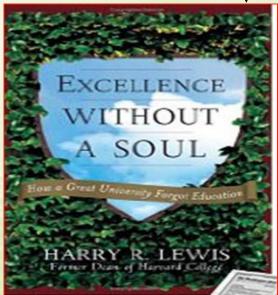
Education must not only be adapted to the needs of our age, it must also make a real effort to look ahead some twenty-five years.

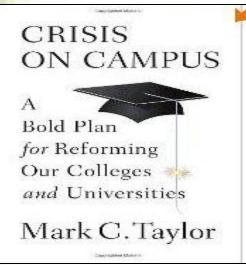
- Ricardo Díez- Hochleitner (Spain) President of the Club of Rome, UNESCO Sources, No. 78, April 1996

The roles of universities being questioned

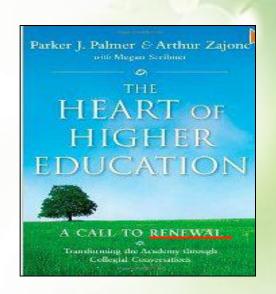


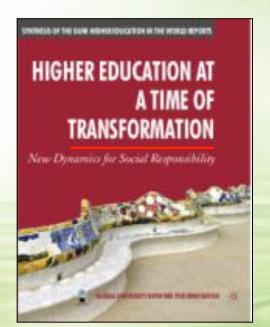


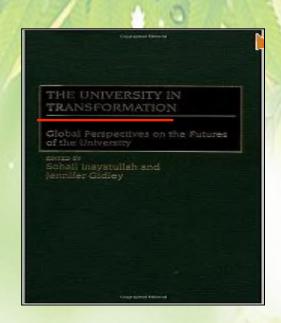


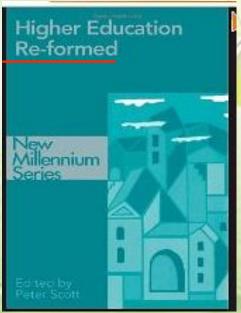












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Res

The summary of the Mission

should read as follows:

Integration;
Islamization;
Internationalization; and
Comprehensive Excellence

BUILDING BLOCKS FOR VISIONING

FIVE WISDOM **FALSAFAH PENDIDIKAN KEBANGSAAN**

- Pendidikan berterusan, menyeluruh dan bersepadu
- Melahirkan insan yang seimbang dan harmonis
- Berdasarkan kepercayaan dan kepatuhan kepada Tuhan
- Warganegara yang mencapai kesejahteraan diri
- Keharmonian dan kemakmuran keluarga, masyarakat dan negara



FAITH

LIFE

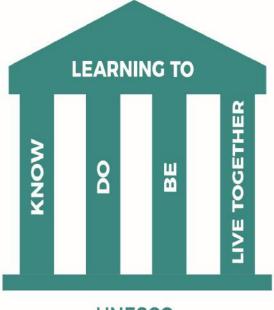
INTELLECT

LINEAGE WEALTH



FOUR PILLARS OF EDUCATION

For 21st Century



UNESCO

BUILDING BLOCKS FOR VISIONING 01



(Internationalisation + **EXCELLENCE**

17 SUSTAINABLE GOALS











10 REDUCED INEQUALITIES













13 CLIMATE





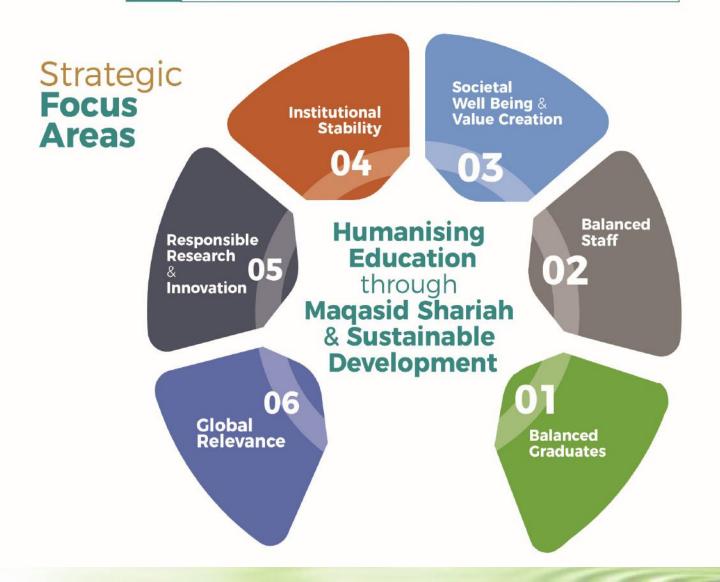






FIVE 'Ps' **PARTNERSHIP** PEACE **PEOPLE PLANET PROSPERITY**

02 STRATEGIC AREAS & OUTCOMES





KHAMIS 9.00-10.00 20.06.19 MALAM

TOPIK

Universiti & Pembangunan Lestari

TETAMU PROF. EMERITUS TAN SRI DATO' DZULKIFLI ABDUL RAZAK Rektor UIAM



LIVE FACEBOOK & YOUTUBE Bernama News Channel Astro 502 | unifi TV 631 | MYTV 121 | iflix











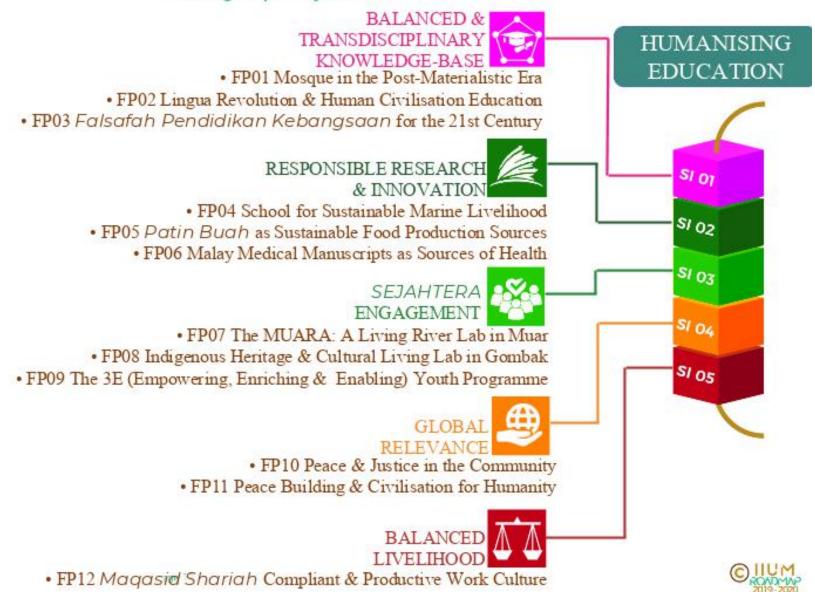
360-DEGREE VIEW 05

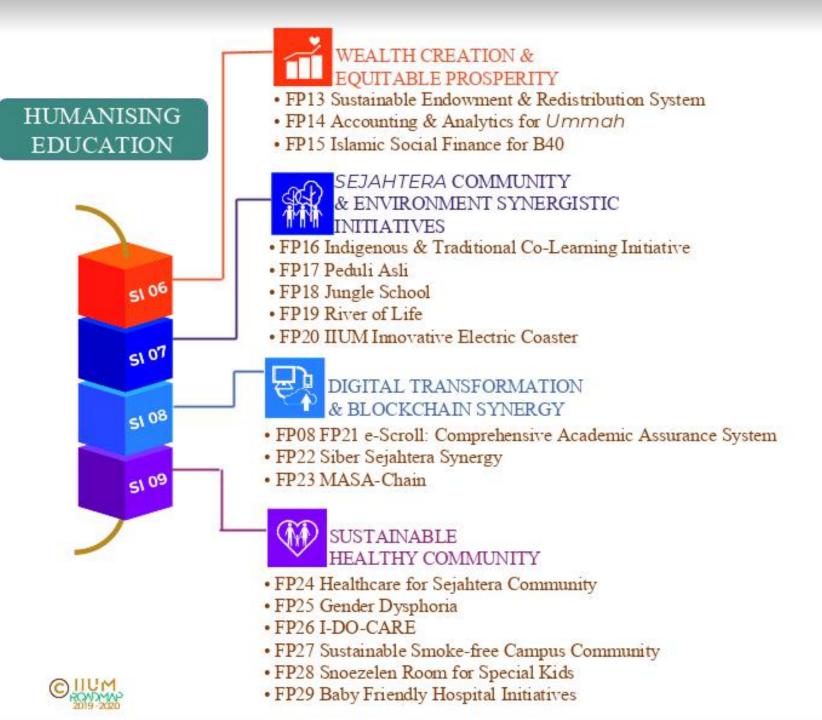




05 360-DEGREE VIEW

Strategic Initiatives & Flagship Projects





FLAGSHIPS AND SDG

1. Islamic Social Finance

11. Health Information and Kenowledge from Malay Medical Manuscript (KAHS)

5. Gombak Indigenous Heritage & Cultural Living Lab (KAED)

11. Lingua Revolution & Human civilisation (KIRKHS)

10. Shariah Compliance (INHART)

11. Jungle School (D&P)

6 & 10. Peace and Justice in the Community

11.Indigenous and Traditional Knowledge

6. River of life















PRINSIP 2:

Menjaga Nyawa (Life)

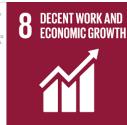
Memelihara maruah persaudaraan dan kesaksamaan sosial, keadilan, keselamatan hidup, harta dan maruah, pemerintahan yang baik, mengurangkan kadar kemiskinan dan memenuhi keperluan pekerjaan, pengagihan seksama pendapatan dan kekayaan, perkahwinan dan kehidupan keluarga yang stabil, perpaduan sosial dan pengurangan jumlah jenayah serta keamanan dan kestabilan"

PRINSIP 3: Menjaga Akal (Intellect)

"Memelihara akal daripada kerosakan dan memupuknya degan nilai-nilai mulia dan ilmu pengetahuan yang bermanfaat. Unsur yang menjurus kepada kehilangan dan merosakkan akal serta pemikiran perlu dibanteras dan dihalang dengan segera. Penyediaan infrastruktur dan sistem pendidikan holistik serta terbaik menjadi tanggungjawab kerajaan bagi membolehkan setiap rakyat mendapatkan pendidikan sempurna"







FLAGSHIPS AND SDG

- 4. Siber Sejahtera
- 4. Mosque Study Curriculum (KIRKHS)
- 4. Empowering Youth (KIRKHS)
- 4.Indigenous and

Traditional

4. Falsafah Pendidikan Kebangsaan (KOED)

- 4. Lingua Revolution & Human civilisation (KIRKHS)
- 4. Gombak
 Indigenous Heritage
 & Cultural Living Lab
 (KAED)
- 4. Sustainable Biosphore (KLM)
- 4. Jungle Learning (Censerve)

- 8. Sustainable Production of Patin Buah (KOS)
- 8. Peace and Justice in the
- 8. Sustainable biosphere
- 8. Sustainable Endowment Income (KENMS)

FLAGSHIPS & SDG Covered 11. Lingua 3. & 11. Health 15. Sustainable 6 & 10. Peace 3.Sustainable Revolution & Information and Production of and Justice in Smoke-Free Human Kenowledge from Patin Buah (KOS) the civilisation Campus Malay Medical (KIRKHS) Community Manuscript (KAHS) 10. Shariah 6. River of Compliance 11.Indigeno life (INHART) 11. Jungle us and Learning **Traditional** (Censerve) Knowledge 5. Gombak 1. Islamic 13.& 15 Indigenous Social Finance Heritage & Sustainable **Cultural Living** 11. Jungle Biosphere Lab (KAED) School (D&P)

PRINSIP 4: Menjaga Keturunan

"Memelihara Keturunan melibatkan perlindungan dan pemeliharaan terhadap zuriat dan keturunan keseluruhannya. Ia adalah penting untuk membentuk masyarakat yang sihat, produktif dan bertamadun. Keturunan wajib dipelihara semi menjaga sistem sosial dalam masyarakat"







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PRINSIP 5: Menjaga Harta (WEALTH)

" Melindungi kekayaan negara dan masyarakat daripada kehancuran, penyelewengan, penindasan dan apa jua bentuk ketidakadilan. Pembangunan ekonomi dilakukan melalui pengukuhan sumber manusia, pendidikan, kemajuan teknologi, etika kerja, mengubal dasar-dasar kewangan dan fisikal yang betul dan memperbanyakkan peluang pekerjaan kepada rakyat"

















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DIFFERENT LEVEL OF CONTRIBUTION

WITH OUTSIDE COMMUNITY

GOVERNANCE AND ADMINISTRATION

IIUM COMMUNITY

KCDIO

INDIVIDUAL

ADMINISTRATORS

AS

CHANGE AGENTS

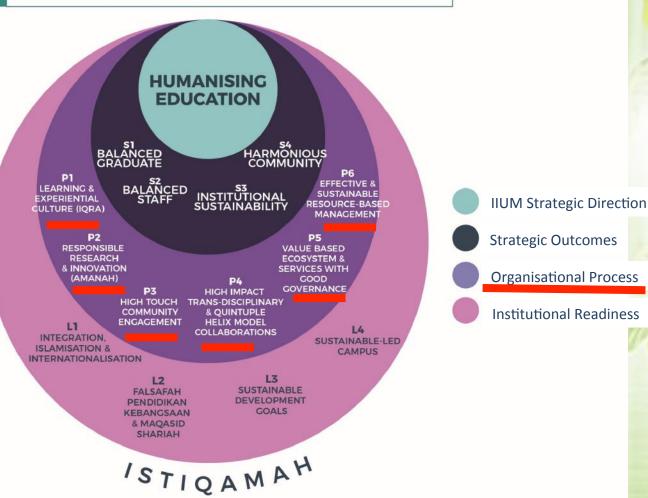
SUPPORT SYSTEM

TRANSLATING INTO DAILY PRACTICE

02 STRATEGIC AREAS & OUTCOMES

Crescent Strategy Map

NEED FOR
SUSTAINABLE
STANDARD
OPERATING
PROCEDURES
(SSOP)



06 STRUCTURAL ADJUSTMENT

STRUCTURE FOLLOWS STRATEGY





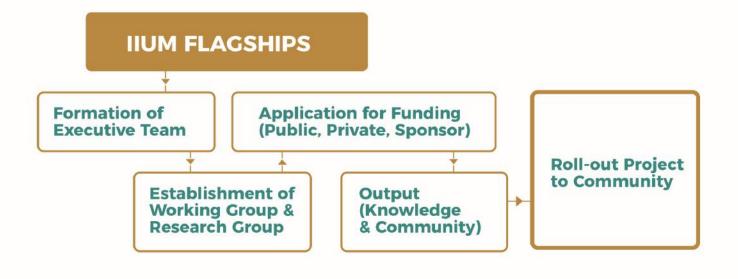






07 ENABLING INITIATIVES

Research and the Community



Inter-Kulliyyah Research Collaboration SDG, MAS, FPK-focussed Research IIUM Flagship Project Competition

IIUM Flagship Exhibition

IIUM STRATEGY MAP 2019 - 2020

VISION

IIUM aims to lead the way which seeks to realise mercy for all humankind (rahmatan lil alamin)

MISSION

Integration, Islamisation, Internationalisation and Comprehensive Excellence

STRATEGIC DIRECTION

HUMANISING EDUCATION THROUGH MAQASID SHARIAH AND SUSTAINABLE DEVELOPMENT GOALS

STAKEHOLDER

SUSTAINABLE PROCESS

BALANCED PERSON (KHALIFAH)

BALANCED INSTITUTION AND COMMUNITY

S1:

Balanced graduates (Insan Sejahtera)

S2:

Balanced staff

S3:

Institutional sustainability

VALUES-BASED ECOSYSTEM & EFFECTIVE RESOURCE MANAGEMENT

S4:

Harmonious community

CO-TEACHING, CO-LEARNING, RESPONSIBLE RESEARCH & COMMUNITY TRANSFORMATION

P1:

Learning and experiential culture (*iqra*)

P2:

Responsible research & innovation (amanah)

P3:

High-touch community engagement (budi)

COLLABORATION

P4:

High impact trans-disciplinary collaboration

P5:

Values-based ecosystem & services with good governance

P6:

Effective & sustainable resource-based management

TALENT FOR COMPREHENSIVE EXCELLENCE

FLEXIBLE PHYSICAL & DIGITAL CAPABILITY FACILITY

INSTITUTIONAL READINESS

R1:

Integration, Islamisation & Internationalisation

R2:

Falsafah Pendidikan Kebangsaan & Magasid Shariah R3:

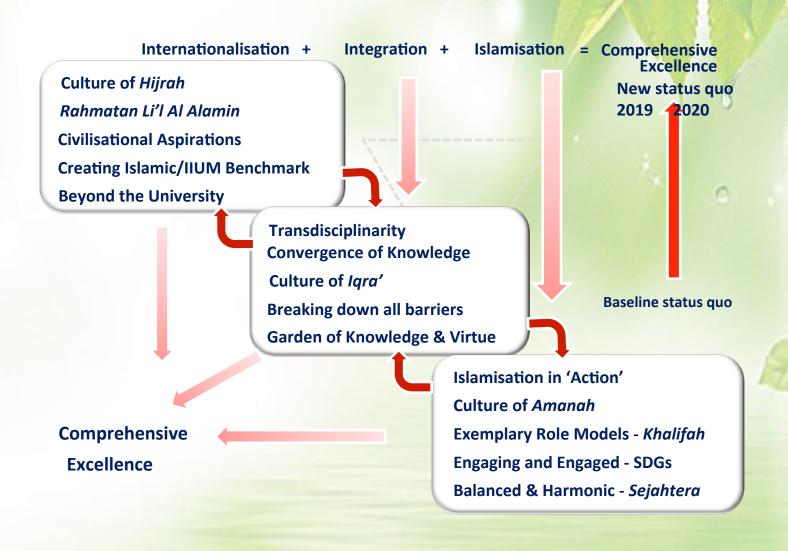
Sustainable Development Goals

R4:

Sustainable-led campus

PERSPECTIVE: STAKEHOLDER

Strategic Objective	Measure	Baseline	Target		Measure		
		2018	2019	2020	Owner	Strategic Initiative	Accountability
S3: Institutional Sustainability	S3.1 Number of Global Recognition	1	2	2	DR(IGN)	 Regional Centre for Expertise on ESD (RCE) Garden of Knowledge and Virtue QHM Linkages & Mentoring IIUM Sejahtera 	RECTOR/ ED(D&P) RECTOR DR(AIL) DR(SDCE)
	S3.2 Percentage of self- generated income	28%	29%	30%	ED(FIN)	 Responsible Research and Innovation Hub Wealth Creation and Distribution Balanced Resources Digital Transformation and Block Chain 	DR(RRI) ED(Fin) ED(MSD) CIO
	S3.3 SETARA Rating	5	6	6	DR(AIL)		
	S3.4 MyRA Rating	4	5	5	DR(RRI)		



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Past Activities

- Save Our River
- oBIKE----UniRIDE
- Transportation Policy
- Lean Management & Green
- Green Procurement Policy
- myCREST
- Outreach to Orang Asli
- Waste to Wealth
- My Treevolution
- Food Waste Compost
- iTD eWaste Drop-off
- IIUM Zero Single-Use Plastic Campaign
- Earth Day
- Recycling Programme

Flagship Programmes

- FP01 Mosque in the Post-Materialistic Era
- FP02 Lingua Revolution & Human Civilisation Education
- FP03 Falsafah Pendidikan Kebangsaan for the 21st Century
- FP04 School for Sustainable Marine Livelihood
- FP05 Patin Buah as Sustainable Food Production Sources
- FP06 Malay Medical Manuscripts as Sources of Health
- FP07 The MUARA: A Living River Lab in Muar
- FP08 Indigenous Heritage & Cultural Living Lab in Gombak
- FP09 The 3E (Empowering, Enriching & Enabling) Youth Programme
- FP10 Peace & Justice in the Community
- FP11 Peace Building & Civilisation for Humanity
- FP12 Magasid Shariah Compliant & Productive Work Culture
- FP13 Sustainable Endowment & Redistribution System
- FP14 Accounting & Analytics for Ummah
- FP15 Islamic Social Finance for B40
- FP16 Indigenous & Traditional Co-Learning Initiative
- FP17 Peduli Asli
- FP18 Jungle School
- FP19 River of Life
- FP20 IIUM Innovative Electric Coaster
- FP08 FP21 e-Scroll: Comprehensive Academic Assurance System
- FP22 Siber Sejahtera Synergy
- FP23 MASA-Chain
- FP24 Healthcare for Sejahtera Community
- FP25 Gender Dysphoria
- FP26 I-DO-CARE
- FP27 Sustainable Smoke-free Campus Community
- FP28 Snoezelen Room for Special Kids
- FP29 Baby Friendly Hospital Initiative



Each of us are problem solvers

Each of us care about having a better life for our family

Find problem that you are passionate about and solve those problems

A billion people solving problem each

Is a billion less problem in this planet

a Quick Guide On How To Reduce Food Waste

Measure Then Manage
Analyse portions & see
what gets thrown out
most. Aim to reduce the
serving of this item.

Focus on Prep Control
When preparing food, be mindful of the number of people dining & what can be reheated. Food that doesn't last long should be served in smaller amounts.

Be Smart in Serving
Humans are visually
driven! Shallow bowls &
smaller plates can
make portions look
bigger than they are,
giving a sense of
adequacy.

Make It a Group Effort
Between family & friends,
form a pact to eat within
healthy portions, taking
only what you need.

كُلُواْ وَٱشْرَبُواْ مِن رِّزْقِ ٱللَّهِ وَلا تَعْثَواْ فِي ٱلْأَرْضِ مُفْسِدِينَ

..."Eat and drink from the provision of Allah, and do not commit abuse on the earth, spreading corruption."

-Surah Al-Baqarah, Ayah 60

LOOKS FAMILIAR?



So what WE can do to prevent Water Waste???

- Be aware on how much water you used
- Close the tap after you wet your toothbrush
- Take shower shorter and wisely
- Stop using the toilet as an ashtray or waste basket
- Check faucet and pipes for leaks.

ENERGY

HOW TO SAVE ENERGY IN THE OFFICE

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TURN OFF ANY UNUSED LIGHT AND ELETRONICS

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NATURAL SUNLIGHT

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Carpoots

TRANSPORTATION

Walk up the stairs.



Turn off the lags when westing year hands.

Turn off printers, monitors,PC or other equipment when not in use

Salvertoning pricer Smeller







Closed the doors and windows when using heater or air conditioner











Set your thermostat at 18°C-20°C in winter and no less than 25°C in summer

PROTECTING OUR PLANET STARTS WITH YOU



BIKE MORE DRIVE LESS





When you further your own education, you can help others understand the importance and value of our natural resources.

Volunteer!



Volunteer for cleanups in your community. You can get involved in protecting your watershed too!



Cut down on what you throw away. Follow the three "R's" to conserve natural resources and landfill space.

e ¦

choose sustainable



Learn how to make smart seafood choices at www.FishWatch.gov.

Trees provide food and oxygen. They help save energy, clean the air, and help combat climate change.



E W

WAT

NSERVE

0

The less water you use, the less runoff and wastewater that eventually end up in the ocean.



Buy less plastic and bring a reusable shopping bag.



Don't send chemicals into our waterways.

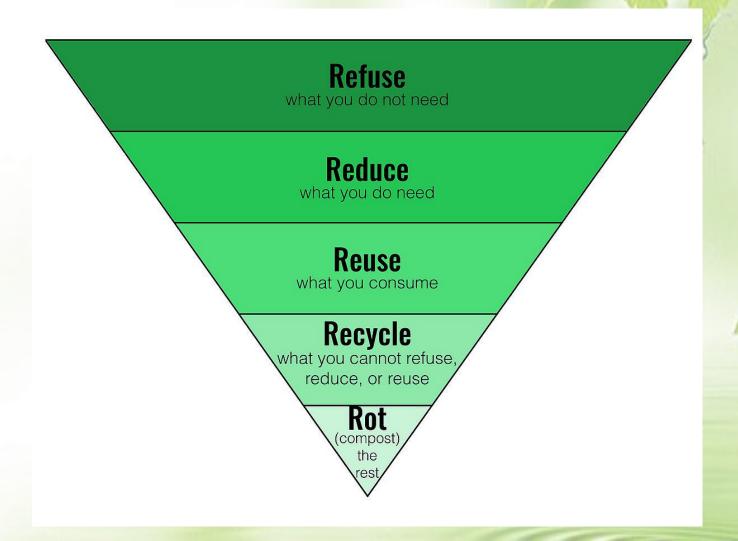
Choose nontoxic chemicals in the home and office.



Energy efficient light bulbs reduce greenhouse gas emissions. Also flip the light switch off when you leave the room!



TOWARDS ZERO WASTE



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Project for Sustainable Campus

- 1. Set Up Recycling Stations Around Campus intensify
- 2. Plan an E-Waste Recycling Drive Done by KICT
- 3. Organize a Sodaqoh Program
- 4. Start a Bike Rental Program UniRide/Obike
- 5. Visit Sustainability related organisations USM/UM/UTM
- 6. Start a Campus Community Garden Urban farming
- 7. Start a Composting Program use it more
- 8. Adopt Long-Term Campus Sustainability Goals IIUM Sustainable Operation Procedure SSOP vs SOP

Green Environment & Landscape Built Environment Transport Regional Centre of Expertise Waste Kejiranan **IT Go Green** Green Sejahtera Sejahtera Campus **Enabling** Water Neighborhood **Initiatives** Sejahtera **Centre for** Energy Sustainability **Energy Efficiency** Governance and Renewable Energy **Humanity Education for Sustainable Funding** Development Capacity Building Reorienting Formal and Non-Formal

Education towards Sustainability

LOOKING FORWARD FOR YOUR AMAZING IDEA AND CONTRIBUTION!

IIUM SEJAHTERA CENTRE FOR SUSTAINABILITY AND HUMANITY 51 31/ FX DIVISION

