

"Transforming Higher Education for a Sustainable Tomorrow"



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This report is based on the data submitted for 2017 UI GreenMetric Sustainability Ranking

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Centre for Global Sustainability Studies (CGSS),

Universiti Sains Malaysia.

Published by Centre for Global Sustainability Studies (CGSS) Level 5, Hamzah Sendut Library Universiti Sains Malaysia 11800 Universiti Sains Malaysia Penang

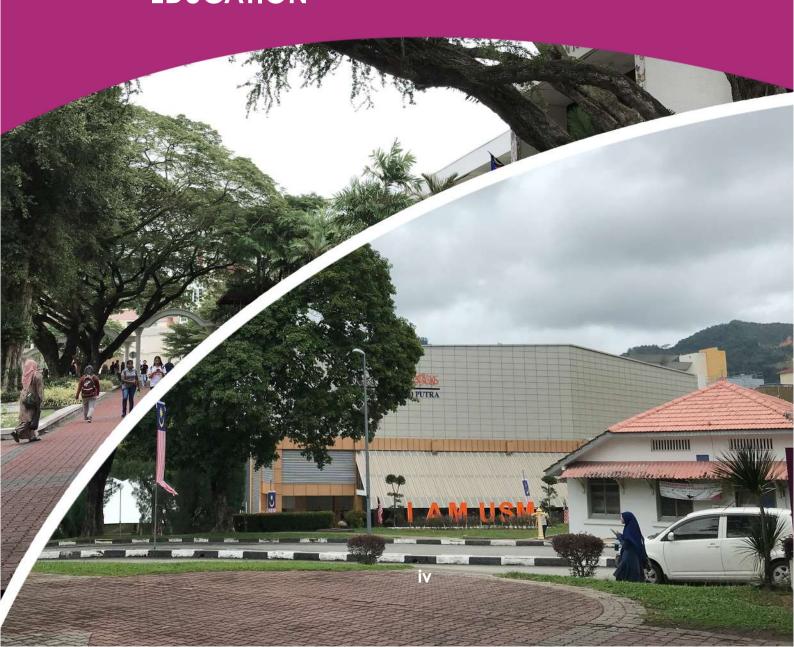
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BACKGROUND OF USM

Established as the second university in the country in 1969, Universiti Sains Malaysia (USM) was first known as Universiti Pulau Pinang. In 1971, USM moved from its temporary premises at the Malayan Teachers' Training College, Bukit Gelugor to the present 416.6 hectare site at Minden, approximately 9.7 km from Georgetown.

USM offers courses ranging from Natural Sciences, Applied Sciences, Medical and Health Sciences, Pharmaceutical Sciences to Building Science and Technology, Social Sciences,



Humanities, and Education. These are available at undergraduate and postgraduate levels to approximately 30,000 students at its 17 Academic Schools on the main campus in the island of Penang; 6 Schools at the Engineering Campus in Nibong Tebal (approximately 50km from the main campus); and 3 at the Health Campus in Kubang Kerian, Kelantan (approximately 300km from the main campus).

USM also has 17 dedicated research centres for a wide range of specialisations which include archaeology, medicine and dentistry, molecular medicine, science and technology, Islamic development and management studies, policy research and international studies, and sustainability. It also provides consultancy, testing, and advisory services to the industry under the ambit of USAINS Holdings Sdn Bhd, the University's commercial arm.

Since the beginning, USM has adopted the School system rather than the traditional Faculty system to ensure that its students are multi-disciplined from their exposure to other areas of study by other Schools. It also encourages students to be active in extra-curricular activities given the myriad of clubs and societies available.

As a Research Intensive University recognised by the Ministry of Higher Education Malaysia (MOHE) in 2007, USM offers educational and research opportunities to students and staff. In 2008, USM also became the first university in the country to be selected by the Malaysian government to participate in the Accelerated Programme for Excellence (APEX), a fast-track programme that helps tertiary institutions achieve world-class status.







"Transforming Higher Education for a Sustainable Tomorrow"

Mission

USM is a pioneering, transdisciplinary research intensive university that empowers future talents and enables the bottom billions to transform their socio-economic well-being.

Value

Quality, Equality, Availability, Accessibility, Affordability, Appropriateness

Thrust

Knowledge, The Future, Uniqueness, Sustainability, Humanity, Universality, Change, Sacrifice, Wellness

Goals

To be a university world-renowned for sustainability and to be a sustainability-led university.

Strategies

USM aims to achieve its vision through the following strategies:

- 1) Integrated education
- 2) Knowledge, Skills, Perspectives, and Values for Sustainability
- 3) Institutional Accountability
- 4) Enterprise and Partnership
- 5) Skills-mix
- 6) Financing
- 7) Societal Interaction
- 8) New Markets
- 9) A Global Outlooks
- 10) Excellence





23,570 regular students (full time & part time)

5,481 online students (full time & part time)

9,870 academic & administrative staff





USM has started to embrace education for sustainable development (ESD) and "University as a Living Lab" approach since the year 2000 through the concept of Kampus Sejahtera (Healthy Campus) and University in a Garden. USM aims at promoting sustainability among the community within and outside the campus through education and research activities. In order to achieve APEX vision, USM has taken its initiative to establish a centre which would be able to help USM to mainstream sustainability across all levels within USM community. Established in 2013, the Centre for Global Sustainability Studies would act as a conduit to help USM in the mainstreaming of sustainability within the university. CGSS is designed to work with all relevant sections of the university, regional, and international sustainability organisations, national and regional governments, the private sector, civil society groups and NGOs to promote sustainable development, paying particular attention to the disempowered bottom billion.

EMAS

STAGE 3

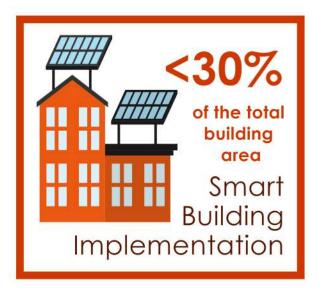
VERM

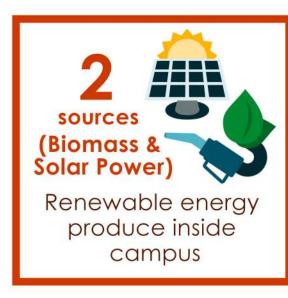
STAGE

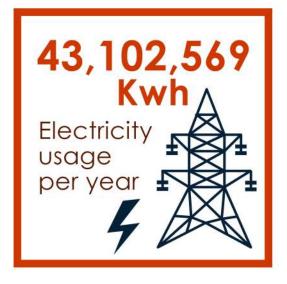


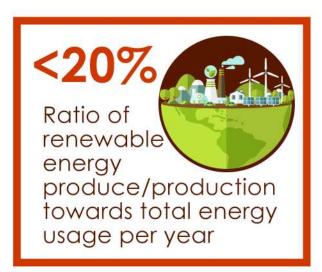
USM SUSTAINABILITY ACHIEVEMENTS ENERGY

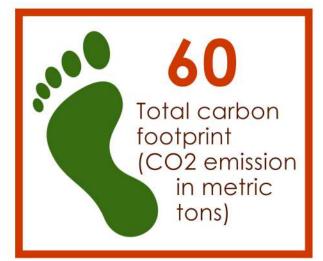


















LED Lamp replacing conventional lamps



Building with Natural Daylight



Solar Parking Lot (2.0 Kwh)





USM SUSTAINABILITY ACHIEVEMENTS WASTE









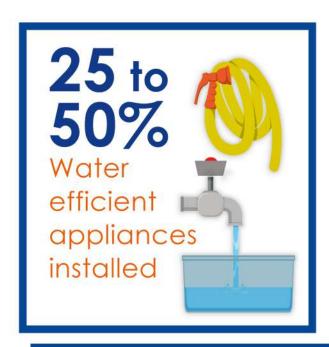








USM SUSTAINABILITY ACHIEVEMENTS WATER















Rain Harvesting System at School of Humanities, USM



Lake or Pond at USM





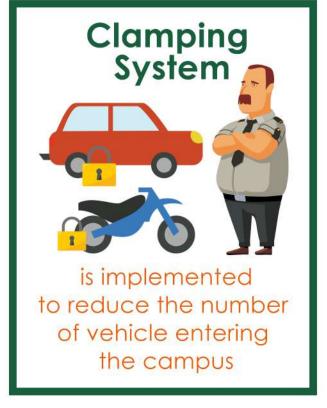
Water Efficient Appliances

USM SUSTAINABILITY ACHIEVEMENTS TRANSPORTATION













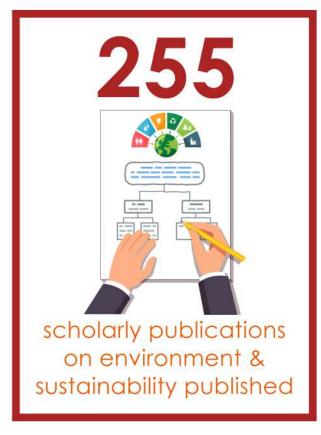




USM SUSTAINABILITY ACHIEVEMENTS EDUCATION















Building Resilience to Climate Change Risk & Vulnerability to Meet Water Security Challenges Workshop





WSU101 (Sustainability: Issues, Challenges and Prospects) Exhibition

Executive Course on Achieving SDGs Towards 2030





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