

KERATAN AKHBAR-AKHBAR TEMPATAN
TARIKH: 12 NOVEMBER 2014 (RABU)

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Making a case for forensic science

CLUED IN: Try your hand at detective work the 'Whodunit? Murder Mystery at Menagerie Park' exhibition

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THE National Science Centre (NSC) is holding a new interactive exhibition with a forensic science theme called "Whodunit? Murder Mystery at Menagerie Park", until Feb 5 next year.

The exhibition, jointly organised by NSC and Scitech Perth, Australia, is aimed at providing visitors a chance to solve a crime in a zoo environment.

The "detective" would need to identify the suspect by examining the evidence presented at each exhibit using the latest scientific forensic techniques.

NSC exhibition coordinator Nurul Haizun Abd Ghani said the target audience was schoolchildren aged 10 years and above, uni-

versity students, and families.

Media representatives were invited by the NSC last Friday for a first-hand experience in solving the crime case.

They were briefed on how to use the exhibits to find the suspects of a crime where a security guard was found dead and a baby white rhino had gone missing.

The exhibits, such as the DNA challenge, Identikit, and Under the Thumb, required the visitor to learn how science helps in detective work.

Some clues were confusing, but media members managed to solve the mystery as a group.

The clue-finding activities in the zoo was fun and interesting.

Visitors should not miss the opportunity to visit NSC and try solving the case themselves, while learning science at the same time.

In conjunction with the Science Festival 2014 which will be held on

Nov 22 to 27, the Whodunit? exhibition will be open for free to the public, where a variety of programmes await them.

Nurul Haizun said several government agencies, such as the police and Health Department, will take part in the festival which will be launched by the Science, Technology and Innovation (Mosti) Minister Datuk Dr Ewon Ebin on Nov 24.

Priced at RM6 for adults and RM3 for children (6 to 12 years old), this exhibition is open to the public everyday, from 9am to 5pm. It is closed on Friday.

For primary and secondary school groups (students and teacher), the fee is RM2 and RM3, respectively, with prior bookings, while college and university students with ID are also charged RM3.

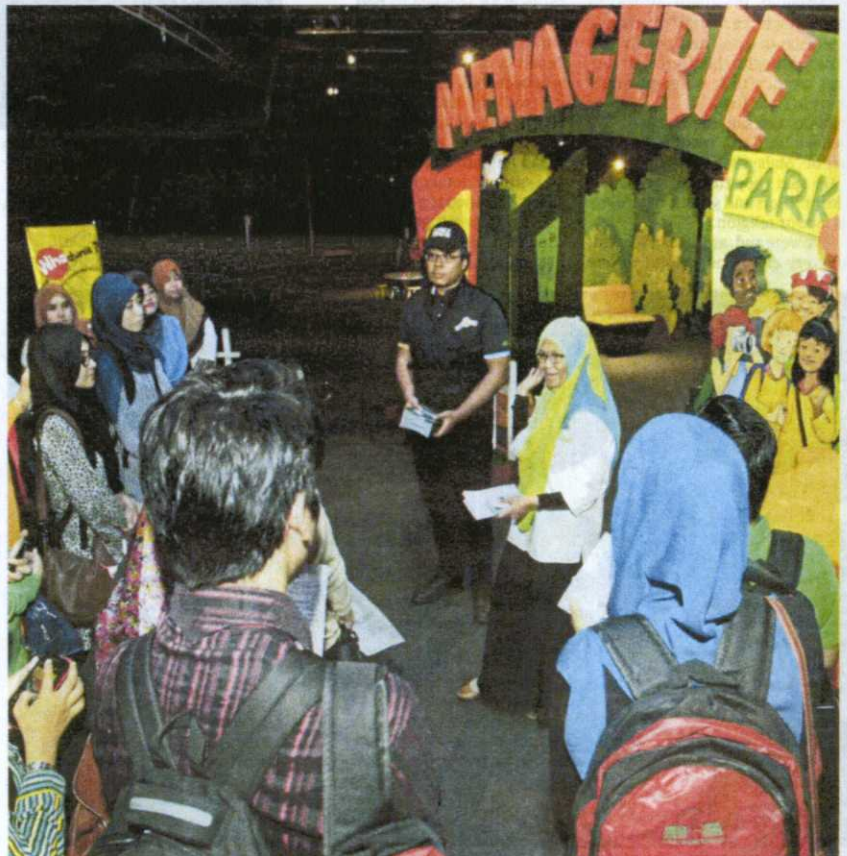
There is no entrance fee for the disabled.



Visitors searching for clues in the featured exhibits.



Visitors looking for clues.



Media members being briefed about the case at the National Science Centre.

KERATAN AKHBAR
KOSMO (NIAGA) : MUKA SURAT 52
TARIKH: 12 NOVEMBER 2014 (RABU)

Biotech Corp anjur BioMalaysia 2014

KUALA LUMPUR - Malaysian Biotechnology Corporation (Biotech-Corp) komited untuk meningkatkan pertumbuhan sektor bioteknologi negara di peringkat domestik dan global menerusi penganjuran Persidangan Bio-Malaysia & Bioekonomi Asia Pasifik 2014 (BioMalaysia 2014) pada 19 dan 20 November ini.

Ketua Pegawai Eksekutifnya, Datuk Dr. Mohd. Nazlee Kamal (**gambar**) berkata, acara itu bertujuan membantu syarikat-syarikat berstatus BioNexus dalam mengukuhkan teknik pemasaran mereka selain memperkasakan industri berasaskan bioteknologi di negara ini.



“Pada penganjuran kali ke-12 tahun ini, pelbagai program yang akan dianjurkan termasuk padanan perniagaan dan program usaha sama yang diyakini menjadi platform terbaik kepada syarikat-syarikat berkenaan untuk terus maju, seterusnya membawa industri ini ke peringkat yang lebih tinggi,” katanya dalam satu sesi temu bual di sini kelmarin.

Menurut Mohd. Nazlee, pada tahun ini, persidangan itu memberi penekanan kepada tiga bidang baharu iaitu sektor industri, agrobioteknologi dan perubatan.

“Persidangan ini akan melibatkan lebih 50 pakar dalam industri bio-

teknologi dari seluruh Asia Pasifik yang akan berkongsi pengalaman dan kepakaran mereka, di samping membincangkan isu-isu utama dalam bidang bioteknologi,” ujarnya.

Tambahnya, BioMalaysia 2014 akan memperkenalkan tarikan baharu iaitu BioCareer & Bio Education 2014 yang menyaksikan sebanyak 30 syarikat tempatan dan asing menawarkan peluang kerjaya khusus bagi industri bioteknologi.

BioMalaysia 2014 akan diadakan di Kompleks Inovasi Pengurusan Kajian, Universiti Malaya dekat sini dan melibatkan 1,000 peserta dari dalam dan luar negara.

Seramai 8,000 pengunjung dijangka menghadiri acara tersebut.

KERATAN AKHBAR
HARIAN METRO (IT@METRO) : MUKA SURAT V9
TARIKH: 12 NOVEMBER 2014 (RABU)

Lahir 1,500 celik IT

Anugerah, persidangan dan Pameran Cyber Security Malaysia (CSM-ACE) yang bermula hari ini dijangka melahirkan 1,500 pekerja celik keselamatan siber di Perak melalui beberapa program dianjurkan agensi di bawah Kementerian Sains, Teknologi dan Inovasi (MOSTI) itu.

Ketua Pegawai Eksekutif CyberSecurity Malaysia (Cybersecurity), Dr

Amirudin Abdul Wahab berkata, CSM-ACE yang berlangsung di Ipoh, Perak tahun ini akan memfokuskan keselamatan e-perniagaan termasuk pembinaan modal insan.

“Bagi tujuan itu, Cybersecurity Malaysia mengadakan latihan selama dua minggu bermula 28 Oktober lalu di Ipoh dan Kuala Lumpur dengan kehadiran 1,500 pekerja dari pelbagai

industri,” katanya.

Amirudin berkata, program CSM-ACE adalah persidangan tahunan industri itu yang menjadi program inovatif terbesar berkaitan keselamatan maklumat.

Beberapa nama besar syarikat keselamatan siber seperti SecureNinja, Trend Micro, Lockheed, Unisys dan Kaspersky mengesahkan penyertaan mereka untuk mengadakan latihan keselamatan siber ketika CSM-ACE.



DR AMIRUDIN

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Incubating and accelerating startups

How components of a support system nurture nascent companies

OVER the course of grooming startups, the industry has perhaps grown familiar with the terms "incubator" and more recently, "accelerator".

These organisations, part of the modern support system for new entrepreneurs, have helped startups take shape in their early stages.

In almost all cases, participation in an incubator or accelerator programme has enabled entrepreneurs gain access to resources beyond their own to scale their business. Services such as regulatory and strategic expertise that otherwise may not be available to independent startups become more readily available.

And because of their seemingly similar functions and involvement with early-stage startups, incubators and accelerators are often mistaken to mean the same thing. But they are not.

An incubator is essentially a physical work space that hosts a new business with many other startup companies. Startups are usually allowed to stay in the space as long as they need to and mentorship is typically provided by the incubator or through peers at the facility.

An accelerator programme, on the other hand, is limited to a three- to four-month period intended to accelerate a startups' business and the kick them out of the nest. Accelerators often make investments in the companies they support and provide a strong network of mentorship. These programmes typically culminate in a "pitch day" for startups to raise more funds from venture capitals.

In Malaysia, both private and



Geared up: A participants in the 1337 Accelerator programme demonstrating a gaming app, Agent RX – a single player top down stealth game. The app can be used on a desktop and be enhanced with the Oculus.

government funded incubators have been set up in the Klang Valley over the past few years as the government pushes for the growth of more local entrepreneurs and startups.

But it may come as a surprise to some that there is only one proper accelerator model in Malaysia, known as 1337 Accelerator.

1337, pronounced "leet", started in March last year with an initial government funding of RM5mil to invest in startups. The programme has two intakes a year where budding tech-entrepreneurs are given the opportunity to join the programme to develop their ideas and take them to market.

"We invest in the best minds in the country. The teams here have to earn

their way into the programme. They have to go through a stringent panel to see if they have an investor-worthy idea and can contribute back to the ecosystem," said Bikesh Lakhmichand, chief executive officer of 1337 Ventures Sdn Bhd.

He explained that accelerators are more mentor-driven and are directly involved with the development of the startup.

According to Bikesh, accelerators are the way of the future for startups, noting that the trend is growing globally to create a more vibrant startup community.

However, incubators, too, have their appeal.

As incubators do not invest in startups, entrepreneurs are able to

Difference between Accelerators and Incubators

	Accelerators	Incubators
Duration	3 months	1-5 years
Business model	Investment, Non-profit	Rent, non-profit
Selection frequency	Competitive, cyclical	Non competitive
Venture stage	Early	Early, or late
Education offered	Seminar	Ad hoc, hr/legal
Venture location	Usually on-site	On-site
Mentorship	Intense, by self or others	Minimal, tactical

Source: Cohen and Hochberg

maintain full ownership and control of their companies while tapping onto facilities provided by the incubators.

Among incubators in Malaysia, many would probably be familiar with Technology Park Malaysia (TPM) and MAD Incubator.

TPM spans some 650 acres of land in Bukit Jalil with total lettable business and incubation space of 725,000sq ft.

Its president and chief executive officer Datuk Mohd Azman Shahidin said the number of companies at TPM has grown to more than 200.

Companies that have been selected for TPM's incubation programme will be guided through a hand-holding and business coaching programme over a duration of six to 18 months. Here, they will be equipped with knowledge on product development, marketing techniques, R&D and networking.

"Our main role is to accelerate

the growth of small businesses. We are here to grow and be the catalyst for these companies. And we have seen some companies here that have grown to become listed companies," Azman said.

MAD Incubator has also seen good traction with its facilities and had launched its third incubator in Malaysia in the middle of the year.

While different in nature, both incubators and accelerators play an important role in boosting early-stage venture. One model may not necessarily be better than the other. But interested startups should be clear on what they want out of these supporters to get the best out of these facilities.

■ This is the fifth instalment of a tie-up between the Malaysian Global Innovation and Creativity Centre (MAGIC) and Metrobiz to explore the Malaysian startup ecosystem.

KERATAN AKHBAR
UTUSAN MALAYSIA (DALAM NEGERI) : MUKA SURAT 15
TARIKH : 12 NOVEMBER 2014 (RABU)

Tidak semua hasil R&D boleh dikomersialkan

KUALA LUMPUR 11 Nov. - Tidak semua hasil penyelidikan dan pembangunan (R&D) boleh dikomersialkan kerana ada juga yang dijalankan untuk memenuhi keperluan bidang ilmiah tertentu.

Menteri Pendidikan II, Datuk Seri Idris Jusoh berkata, R&D merupakan nadi utama institusi pengajian tinggi (IPT) dalam meneroka ilmu pengetahuan baharu manakala pengkomersialan produk daripada penyelidikan tersebut hanya sebahagian daripada peratusan keperluan ijazah.

Katanya, beliau tidak bersetuju dengan laporan sebuah akhbar tempatan baru-baru ini yang mendakwa kurang dua peratus daripada 27,449 hasil R&D di 15 IPT awam berjaya dikomersialkan dalam tempoh lima hingga 10 tahun lalu.

"Kerajaan tidak pernah melihat R&D yang tidak dikomersialkan itu sebagai satu pembaziran dan bersifat syok sendiri kerana R&D di negara ini berada pada kedudukan yang memuaskan jika dibandingkan dengan yang berjaya dipatenkan di Amerika Syarikat iaitu kira-kira empat hingga lima peratus.

"Di bawah Pelan Pembangunan Pendidikan Malaysia 2013-2025, kerajaan sedang berusaha untuk menguatkuasakan peranan universiti tempatan supaya seiring dengan perubahan industri selain melahirkan siswazah berminda keusahawanan," katanya.

Beliau berkata demikian dalam



IDRIS JUSOH (empat dari kiri) bersalaman dengan Sahul Hamid Abu Bakar selepas menyampaikan replika cek geran pendidikan teknologi kepada empat IPTA selepas merasmikan MTDC di Kuala Lumpur, semalam. Turut serta Norhalim Yunus (tiga dari kiri).
- UTUSAN/DJOHAN SHAHRIN SHAH

sidang akhbar selepas menyempurnakan Persidangan Komersial Teknologi 2014 bertemakan 'Kerjasama Strategik: Masa Untuk Berfikir Semula' anjuran Perbadanan Pembangunan Teknologi Malaysia (MTDC), di sini hari ini.

Yang turut hadir, Pengerusi MTDC, Datuk Siti Hadzar Mohd. Is-

mail dan Ketua Pegawai Eksekutif MTDC, Datuk Norhalim Yunus dan Naib Canselor UiTM, Datuk Prof. Dr. Sahul Hamid Abu Bakar.

Dalam majlis tersebut, Idris turut menyampaikan cek Anugerah Buku Inovasi kepada empat institusi pengajian tinggi awam (IPTA) yang bekerjasama dengan MTDC

dalam melaksanakan R&D dalam bidang inovasi.

IPTA tersebut yang setiap satunya menerima RM51,500 adalah Universiti Putra Malaysia (UPM), Universiti Teknologi Mara (UiTM), Universiti Kebangsaan Malaysia (UKM) dan Universiti Teknologi Malaysia (UTM).



Penyelidikan Di Universiti Tempatan Bukan Pembaziran - Idris Jusoh

KUALA LUMPUR, 11 Nov (Bernama) -- Penyelidikan universiti tempatan yang tidak dikomersialkan bukan merupakan satu pembaziran, kata Menteri Pendidikan Kedua Datuk Seri Idris Jusoh.

Malah, beliau berkata penyelidikan yang tidak dikomersialkan itu dianggap sebagai peningkatan ilmu secara lebih mendalam mengenai bidang-bidang kajian yang dilaksanakan sesebuah universiti.

"Baru-baru ini ada surat khabar mengatakan bahawa penyelidikan tak guna. Itu satu kenyataan yang tak berapa kena, kerana ada juga penyelidikan untuk meningkatkan ilmu universiti...pengetahuan meningkatkan taraf pengetahuan universiti.

"Ini kerana penyelidikan di universiti ini bukan ke arah pengkomersialan semata-mata, kerana peningkatan ilmu itu mustahak dan pada masa yang sama bukannya semua kajian boleh dikomersialkan," katanya kepada pemberita selepas merasmikan [Persidangan Pengkomersialan Teknologi MTDC \(Perbadanan Pembangunan Teknologi Malaysia\)](#) di sini, pada Selasa.

Beliau berkata, sebagai langkah peneraju, kerajaan dalam pembentangan Bajet 2015 baru-baru ini, telah memperuntukkan RM50 juta untuk usaha penyelidikan di universiti melalui rangkaian penyelidikan swasta-awam.

"Melalui inisiatif ini, syarikat-syarikat berpeluang berkongsi cabaran dan masalah teknikal mereka dengan penyelidik universiti dan institut penyelidikan. Para penyelidik pula akan menilai masalah dan mendapatkan penyelesaian kepada syarikat.

"Program ini merupakan contoh cemerlang mengenai perkongsian strategik dan inovatif yang akan menggalakkan kerjasama di kalangan ahli akademik, industri dan kerajaan dengan memanfaatkan potensi dan kekuatan masing-masing," katanya.

Sebanyak 500 orang, terdiri daripada ahli-ahli akademik, penyelidik, usahawan, penggubal dasar, pakar dalam bidang teknologi dan pengurus dana menghadiri persidangan dua hari anjuran MTDC.

Selain itu, Universiti Putra Malaysia (UPM), Universiti Kebangsaan Malaysia (UKM), Universiti Teknologi Malaysia (UTM) dan Universiti Teknologi Mara (UiTM) dianugerahkan hadiah buku inovasi MTDC bernilai RM51,500 bagi setiap universiti.

-- BERNAMA



A group of tourists takes a selfie at a tea plantation near Tanah Rata yesterday. — Picture by Marcus Pheong

By Loghun Kumaran
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TANAH RATA — The flood disaster which hit Ringlet and Bertam Valley last week has not stopped tourists from coming to the Cameron Highlands.

Dozens of tourists were seen in Tanah Rata, 11km away from the disaster area, yesterday.

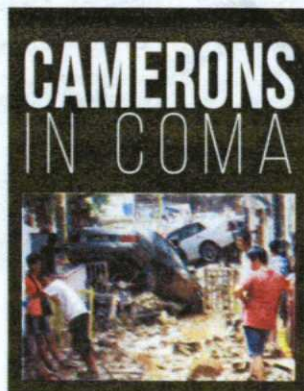
Most of them said they had heard about the incident but were not particularly worried about their safety.

P. Chandran, of Kuala Lumpur, said he thought much of the area would have been seriously affected by Wednesday's mudfloods but was relieved to find that it had not been "that bad".

"Obviously it was a bit nerve-racking coming up here via the Tapah road from Kuala Lumpur but I was glad to see that there were no landslips and not much noticeable impact from the mudfloods," he said.

"Everything seems fine and although I am here partly for work, I am certain that I will enjoy my time here."

Another visitor, who wished to be known only as Chai, said she was not worried about making the journey here until she heard reports that the Meteorological



Department had predicted rainy conditions until tomorrow.

"But I decided to come up anyway. Thankfully the weather is relatively dry, and Tanah Rata is quite far from the affected area, so I am not worried anymore," she said outside her hotel.

Dutch tourist Ewald de Neeve said he heard about the flooding, and extended his sympathies to the families of the victims.

"I am certain it will not happen here because the incident occurred a distance away," he said.

Myles Heathcote, of Australia, said the incident had not made him change his mind about visiting the Cameron Highlands.

"This place doesn't look like it has just recovered from the floods. Like much of Malaysia, it is exciting and slightly chaotic but quite nice. I like it here," he said.

Hotels and travel companies reported a slight decrease in the number of arrivals.

Saying this may have been the result of misinformation, they gave an assurance the highlands were safe for tourists.

Former president of the Cameron Highlands Hotels Association and current managing director of Rosa Pasadena Hotel Cameron Highlands, Datuk Yee Shan Ko, said the tourist spots in Brinchang and Tanah Rata were unaffected by the incident.

He said about 9,000 tourists visited the Cameron Highlands during the school and public holidays, but was unable to indicate by how much the number had fallen.

"Ringlet and Bertam Valley are mainly farming areas, while Tanah Rata has more commercial businesses and tourist spots," he said.

"However, most of the headlines screamed Cameron Highlands was hit by mudslides when in actuality, it was only one or two isolated areas."

Yee urged tourists to contact their hotels and check on the situation before making

the journey here.

"If the tourists are scared of adverse weather conditions, they should call the hotel to see whether it is safe to begin their journey," he said.

"The hotels should tell the guests the truth because they have nothing to gain from a customer who is marooned on a hillside by a landslide."

Casa De La Rosa hotel resident manager Benjamin Jeyaraja agreed the situation was not as bad as he thought.

"There have only been one or two cancellations," he said.

However, some tourism players said their businesses had been affected in the past week.

Father's Homestay staff member Reena Leong said they had seen four to five cancellations since the incident for its 20 rooms and a dormitory for 10 occupants.

"During peak time at the end of the year, we can reach full occupancy of 50 occupants but at the moment, only five rooms are occupied," she said.

"It is definitely due to the misunderstanding about the mudflood. Hopefully when the mud clears the confusion will, too."

There are about 100 hotels, budget hotels and homestays in the Cameron Highlands, with nine approved for future construction.



Peniaga Manipulasi CBP Raih Untung Boleh Didenda, Dipenjara - Hasan Malek

IPOH, 11 Nov (Bernama) -- Para peniaga sama ada individu atau syarikat boleh dikenakan hukuman denda sehingga RM500,000 dan dipenjara selama tiga tahun jika didapati bersalah memanipulasi Cukai Barang dan Perkhidmatan (CBP) pada bahan iklan dan promosi jualan mengikut Akta Perihal Dagangan 2011.

Menteri Perdagangan Dalam Negeri, Koperasi dan Kepenggunaan (KPDNKK) Datuk Seri Hasan Malek berkata pihaknya telah mula mengambil tindakan di beberapa tempat seperti di Nilai, Negeri Sembilan.

"Kementerian boleh bertindak turunkan bahan iklan dan promosi ini serta-merta jika ia mengandungi perkara yang mengelirukan pengguna, walaupun ia telah mendapat kelulusan pihak berkuasa tempatan, KPDNKK ada hak bertindak sedemikian," katanya kepada pemberita selepas merasmikan Pasaraya Groom Big Coop Koperasi Usahawan Wilayah Utara Perak Berhad di Meru di sini, hari ini.

Beliau berkata rakyat tidak boleh ditipu dengan mudah kerana kerajaan sentiasa prihatin dengan bertindak terhadap aktiviti penyelewengan, manipulasi CBP dan penyampaian maklumat yang tidak benar kerana mahu meraih keuntungan secara salah.

Pengguna diminta menghubungi talian bebas tol 1-800-88-6800 untuk sebarang aduan, dan pihaknya akan menyiasat serta bertindak tegas, katanya.

"Saya nak meningkatkan semula kepada peniaga supaya jangan tamak, hanya memikirkan keuntungan semata-mata, kita perlu wujudkan suasana menang-menang, peniaga ada untung, pengguna dapat membeli dengan harga berpatutan dan suasana harmoni," katanya.

Mengenai tragedi banjir dan tanah runtuh di Cameron Highlands serta operasi menahan pendatang asing tanpa izin di kawasan tanah tinggi itu, yang boleh menjejaskan bekalan sayur-sayuran, Hasan berkata pihaknya telah berunding dengan Kementerian Pertanian dan Industri Asas Tani mengenai perkara itu.

"Kita bersedia mengimport bekalan sayur-sayuran jika keadaan itu menjejaskan keperluan pengguna, namun bidang pengeluaran ini adalah di bawah kementerian pertanian. Kita menjaga pengguna, jika tiada pilihan kita akan import," katanya.

Mengenai perkembangan koperasi, beliau mahu sektor itu yang kini mempunyai lapan juta anggota dengan 11,450 buah koperasi mengambil peluang perniagaan atas hubungan baik Malaysia dengan negara luar seperti China dan Emiriah Arab Bersatu.

"Malaysia ada hubungan rapat dengan China, kita perlu mengambil kesempatan ini, koperasi perlu fikirkan bagaimana mereka boleh menyumbang ke arah pertumbuhan negara, hubungan dengan China begitu luas, jangan fikirkan pasaran tempatan sahaja," katanya.

Koperasi Groom Big adalah inisiatif Kementerian Kewangan, Suruhanjaya Koperasi Malaysia dan **SIRIM Berhad** yang bermula pada 2005 bertujuan melahirkan usahawan perusahaan kecil dan sederhana Bumiputera berdaya saing di peringkat domestik dan global.

Ketiga-tiga pihak itu membantu koperasi itu membangunkan dan meningkatkan kualiti produk yang dikenal pasti untuk dibangunkan dari aspek jenama, reka bentuk, label, pembungkusan, bahan promosi dan sebagainya.

-- BERNAMA

Rethink strategies to energise recycling habit

NEW APPROACH:

Putting a price on recyclable items might just be the push needed for Malaysians to 'reduce, reuse, recycle' more

WE are now moving into an era of depleting resources. Land, for example, is one resource fast depleting. The availability of land to grow food is showing signs of decline. In some countries, much arable land have succumbed to pollution. In Bangladesh, for example, large areas have become too salty for agriculture. In China, the lack of water has affected food production.

With world population heading towards 8 and 9 billion in a matter of years, we may soon run out of resources to satisfy the escalating global demand for all the materials which feed our current lifestyle.

It is not easy to change the lifestyle either. In fact, many developing countries follow the Western lifestyle as soon as they earn enough. We have often been warned that if the whole world consumes materials at the rate the West does, we would need another five equivalent planet earth to survive. It is not just the demand that is pushing the limits, the amount of wastes also continues to rise.

Unless properly managed, the discarded wastes can create problems for the environment. They can be serious health hazards. Not to mention the many cases of water pollution arising from the indiscriminate discharge of wastes into rivers.

These are the reasons why the global cry for sustainability has grown ever louder. Many are concerned about the potential vicious cycle of depleting resources, the growing amount of wastes, damaging pollution from such wastes and, ultimately, their impact on the well-being of society itself.

Many call for change. Both con-

sumption and production of materials have to be more sustainable. We need more efficient ways of producing and consuming resources. They must be energy-efficient, water-efficient, land-efficient and, of course, cost-efficient. The popular cry by many is the 3Rs, "Reduce, Reuse, Recycle".

Many countries have embraced the 3Rs. In fact, the wastes recycling practice has penetrated the lifestyle of some such countries. In Japan, for example, separating garbage at the homes for easy recycling has become a cultural practice. The society would scorn at individuals who do not engage in such practice. No different from the Japanese culture of looking down on workers who come back early from the office. So much so that many Japanese workers force themselves to spend time at bars before going home from work. Returning late from work is more respectable in the Japanese society. This explains why one can see evidence of almost spotless cleanliness in Japanese cities. In Europe, many countries, including Germany and the Norwegian nations, are equally addicted to such recycling behaviour.

Unfortunately for us, despite repeated attempts by the government to instill such practice among the population, recycling continues to be a major challenge. People still throw rubbish around, what-

ever their fancy. It can be from a moving car or from the house into the public drain nearby. It is not limited to any group either. Even professionals who understand the benefits of recycling do the same. And this is costing the country millions. In wasted resources as well as the polluting consequences.

How can we improve? How can we motivate better participation among the general public to practice the separating of wastes at homes, restaurants and other public places? We need new strategies. Whatever it is, campaigns alone are not sufficient.

Over the years, the government has created recycling centres to receive household materials. Unfortunately, they are only open during office hours. They are closed on weekends. Whereas, weekends are the most practical time for people to send their materials. One possible strategy is to create a transparent market for discarded materials. Maybe we need to publish their prices on a regular basis. Monthly may be. At the same time, we must create buying centres which pay according to published market prices.

At the moment, we do have buyers of such recyclables. But they pay pittance, way below what they sell for. Since separating wastes has yet to become our culture, the only way to instill the culture is to make such practice financially motivating. What better way than to make waste separating and recycling a potential income for the household!



Dr Ahmad Ibrahim
Fellow, Academy
of Sciences
Malaysia



Recycling is fighting a hard battle to reach the mainstream in Malaysia. Perhaps making the practice financially motivating would bring the desired results.

KERATAN AKHBAR
UTUSAN MALAYSIA (DALAM NEGERI) : MUKA SURAT 23
TARIKH : 12 NOVEMBER 2014 (RABU)

Malaysia sudah bersedia bina loji nuklear

JOHOR BAHRU 11 Nov. - Malaysia sudah bersedia untuk membina loji kuasa nuklear dan menggunakan tenaga tersebut sebagai sumber tenaga baharu kerana memiliki ramai pakar dalam industri berkenaan.

Penasihat Persatuan Nuklear Malaysia, Prof. Emeritus Dr. Noramly Muslim berkata, walaupun negara mempunyai kepakaran yang mencukupi namun pembinaan itu tidak dapat dilaksanakan kerana kurang pendedahan mengenai sudut positif tenaga nuklear tersebut.

"Sejak 40 tahun lalu negara kita telah melahirkan ramai pakar dalam bidang nuklear yang mempunyai kelulusan di peringkat Doktor Falsafah (Ph.D) dalam bidang pengendalian reaktor nuklear.

"Namun setelah berjaya menemukan petroleum, kita meng-

ubah prioriti dengan memberi tumpuan kepada industri minyak dan gas menyebabkan pembangunan bidang nuklear diketepikan sehingga ramai graduan dan pakar berkaitan nuklear bertukar ke bidang lain," katanya selepas menghadiri Persidangan Sains, Teknologi dan Kejuruteraan Nuklear 2014 di Dewan Sultan Iskandar, Universiti Teknologi Malaysia (UTM), di sini hari ini.

Yang turut hadir, Timbalan Naib Canselor (Penyelidikan dan Inovasi) UTM, Prof. Dr. Ir. Mohd. Azraai Kassim dan Presiden Persatuan Nuklear Malaysia, Prof. Dr. Zaini Hamzah.

Noramly berkata, menjelang 2030 Malaysia sepatutnya telah mempunyai loji kuasa nuklear kerana merupakan keperluan penting seperti yang digunakan oleh majoriti negara maju.

Beliau berkata, Malaysia merupakan satu-satunya negara di Asia Tenggara yang bersedia sepenuhnya ke arah itu, namun hingga kini masih belum ada sebarang tindakan yang dilakukan.

"Ramai yang memikirkan tenaga nuklear hanya membawa kepada kemusnahan, namun sebenarnya ia mempunyai lebih banyak kebaikan sebagai sumber tenaga dalam menggerakkan pelbagai industri berkaitan. Kita perlu mendidik masyarakat untuk mengenali kelebihan nuklear," katanya.

Sementara itu, Mohd. Azraai berkata, persidangan yang mendapat kerjasama Institut Teknologi Tokyo, Jepun dan Universiti Kebangsaan Seoul, Korea Selatan itu dijadikan platform untuk berkongsi hasil penyelidikan nuklear serta bertukar kepakaran dalam bidang berkenaan.